**April 1, 2024**

**CURRICULUM VITAE**

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**Certification:**

**I certify that the information included in this document represents an accurate and updated version of my Curriculum Vitae.**



**John J. Fung April 1, 2024**

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**ACADEMIC APPOINTMENTS**

1988 Instructor, Department of Surgery, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

1989-1991 Assistant Professor, Department of Surgery, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

1991-1998 Associate Professor, Department of Surgery, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

1998-2004 Professor with Tenure, Department of Surgery, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

2000-2004 Inaugural Holder, Thomas E. Starzl Professorship in Transplantation Surgery, Department of Surgery, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

2004-2006 Adjunct Professor, Department of Surgery, University of Pittsburgh, Pittsburgh, PA

2004-2010 Chairman, Department of General Surgery, Cleveland Clinic, Cleveland, OH

2008-2010 Chairman, Department of Hepato-pancreato-biliary and Transplant Surgery, Cleveland Clinic, Cleveland, OH

2008-2016 Professor, Department of Surgery, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University, Cleveland, OH

2010-2015 Chairman, Digestive Disease Institute, Cleveland Clinic, Cleveland OH

2010-2016 Chairman, Department of Surgery, Cleveland Clinic Lerner College of Medicine, Case Western Reserve University, Cleveland, OH

2016-2023 Chief, Section of Transplant Surgery, University of Chicago, Chicago, IL

2016-present Professor, Department of Surgery, University of Chicago Pritzker School of Medicine, Chicago, IL

**OTHER APPOINTMENTS**

1987-1988 Interim Director, Histocompatibility Laboratory, University of Rochester, Rochester, NY

2002-2004 Scientific Director, ISMETT, University of Pittsburgh Medical Center, Palermo, Sicily

2010-2016 Medical Director, Allogen Laboratory, Cleveland, OH

2014-2016 Director, Cleveland Clinic Health System Center for Transplantation

2016-present Co-Director, UChicago Medicine Transplantation Institute

**ACADEMIC TRAINING**

1972-1975 B.A., Biology, Johns Hopkins University, Division of Arts and Sciences, Baltimore, MD

1975-1980 Ph.D., Immunology, University of Chicago, Committee on Immunology, Chicago, IL

1975-1982 M.D., University of Chicago, Pritzker School of Medicine, Chicago, IL

1982-1983 Internship, General Surgery, Strong Memorial Hospital, University of Rochester, Rochester, NY

1983-1984 Assistant Resident, General Surgery, Strong Memorial Hospital, University of Rochester, Rochester, NY

1984-1986 Clinical Research Fellow, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

1984-1986 Research Fellow, Tissue Typing Laboratory, University of Pittsburgh, Pittsburgh, PA

1986-1987 Senior Resident, General Surgery, Strong Memorial Hospital, University of Rochester, Rochester, NY

1987-1988 Chief Resident, General Surgery, Strong Memorial Hospital, University of Rochester, Rochester, NY

1988-1989 Clinical Multiorgan Transplant Fellow, Transplantation Division, University of Pittsburgh, Pittsburgh, PA

*Military Service*

1987-2003 Lieutenant Colonel, Honorable Discharge, United States Army Reserve Medical Corps

1989-2004 Active Staff, Veterans Administration Medical Center, Pittsburgh, PA

1990-1991 Active Duty, Walter Reed Army Medical Center, Washington DC

**BOARD CERTIFICATION AND LICENSURE**

1983-1989 New York State Medical License (155849-1) (inactive)

1984-2004 Pennsylvania State Medical License (MD-032350-E) (inactive)

1988 Advanced Trauma Life Support

1989 American Board of Surgery

1998 Re-certification, American Board of Surgery

2004-2021 Ohio State Medical License (35.085196)

2008 Re-certification, American Board of Surgery

2013-2016 Florida State Medical License (ME-117970)

2015 Advanced Trauma Life Support

2016-present Illinois State Medical License (036.141746)

2020 Re-certification, American Board of Surgery

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**SCHOLARSHIP**

*(a) Peer-reviewed publications in the primary literature, exclusive of abstracts:*

1. Köhler H, Fung JJ, Smyk S. **Induced recovery of a suppressed idiotype by immunization with anti-idiotype**. Cell Immunol 52:458-463, 1980.
2. Fung JJ, Köhler H. **Immune response to phosphorylcholine VII. Functional evidence for three separate B cell subpopulations responding to TI and TD PC-antigens**. J Immunol 126:640-646, 1980.
3. Fung JJ, Köhler H. **Late clonal selection and expansion of the TEPC-15 germ-line specificity**. J Exp Med 153:1262-1273, 1980
4. Fung JJ, Köhler H. **Mechanism of neonatal idiotype suppression. I. State of the suppressed B cells**. J Immunol 125:1998-2003, 1980.
5. Fung JJ, Köhler H. **Mechanism of neonatal idiotype suppression. II. Alterations in the T cell compartment suppress the maturation of B cell precursors**. J Immunol 125:2489-2495, 1980.
6. Fung JJ, Gleason K, Ward R, Kohler H: **Maturation of B-cell clones**. Prog Clin Biol Res 42:203-214, 1980.
7. Köhler H, Smyk S, Fung JJ. **Immune response to phosphorylcholine VIII. The response of CBA/N mice to PC-LPS**. J Immunol 126:1790-1793, 1981.
8. Fung JJ, Zeevi A, Kaufman C, Paradis IL, Dauber JH, Hardesty RL, Griffith B, Duquesnoy RJ. **Interactions between bronchoalveolar lymphocytes and macrophages in heart-lung transplant recipients**. Human Immunol 14:287-294, 1985.
9. Zeevi A, Fung JJ, Paradis IL, Dauber JH, Griffith B, Hardesty RL, Duquesnoy RJ. **Lymphocytes of bronchoalveolar lavages from heart-lung transplant recipients**. Heart Transplantation 4:417-421, 1985.
10. Zeevi A, Fung JJ, Zerbe T, Kaufman C, Rabin B, Griffith B, Hardesty RL, Duquesnoy RJ. **Allospecificity of activated T cells grown from endomyocardial biopsies from heart transplant patients**. Transplantation 41:620-626, 1986.
11. Fung JJ, Zeevi A, Starzl TE, Demetris AJ, Iwatsuki S, Duquesnoy RJ. **Functional characterization of infiltrating T lymphocytes in human hepatic allografts**. Human Immunol 16:182-199, 1986.
12. Starzl TE, Fung JJ. **Orthoclone OKT3 in treatment of allografts rejected under cyclosporine-steroids therapy**. Transplant Proc 18:937-941, 1986.
13. Fung JJ, Zeevi A, Markus B, Zerbe TR, Duquesnoy RJ. **Dynamics of allospecific T lymphocyte infiltration in vascularized human allografts**. Immunol Res 5:149-163, 1986.
14. Gordon RD, Fung JJ, Markus B, Fox I, Iwatsuki S, Esquivel CO, Tzakis AG, Todo S, Starzl TE. **The antibody crossmatch in liver transplantation**. Surgery 100:705-715, 1986.
15. Fung JJ, Demetris AJ, Porter KA, Iwatsuki S, Gordon RD, Esquivel CO, Jaffe R, Tzakis A, Shaw BW, Jr, Starzl TE. **Use of OKT3 with cyclosporine and steroids for reversal of acute kidney and liver allograft rejection**. Nephron 46:19-33, 1987.
16. Fung JJ, Makowka L, Griffin M, Duquesnoy RJ, Tzakis AG, Starzl TE. **Successful sequential liver-kidney transplantation in patients with preformed lymphocytotoxic antibodies**. Clin Transplant 1:187-194, 1987.
17. Esquivel CO, Fung JJ, Markus B, Iwatsuki S, Gordon RD, Makowka L, Marsh Jr JW, Tzakis AG, Todo S, Starzl TE. **OKT3 in the reversal of acute hepatic allograft rejection**. Transplant Proc 19:2443-2446, 1987.
18. Fung JJ, Markus BH, Gordon RD, Esquivel CO, Makowka L, Tzakis AG, Starzl TE. **Impact of orthoclone OKT3 on liver transplantation**. Transplant Proc 19:37-44, 1987.
19. Fung JJ, Griffin M, Duquesnoy R, Shaw B, Starzl TE. **Successful sequential liver-kidney transplantation in a patient with preformed lymphocytotoxic antibodies**. Transplant Proc 19:767-768, 1987.
20. Markus BH, Fung JJ, Zeevi A, Starzl TE, Demetris AJ, Duquesnoy RJ. **Analysis of T lymphocytes infiltrating human hepatic allografts**. Transplant Proc 19:2470-2473, 1987.
21. Duquesnoy RJ, Zeevi A, Fung JJ, Kaufman C, Zerbe TR, Griffith B, Trento A, Kormos R, Hardesty R. **Sequential infiltration of class I and class II specific alloreactive T cells in human cardiac allografts**. Transplant Proc 19:2560-2563, 1987.
22. Zeevi A, Fung JJ, Paradis IL, Gryzan S, Dauber JH, Hardesty RL, Griffith B, Trento A, Saidman S, Duquesnoy RJ. **Bronchoalveolar macrophage-lymphocyte reactivity in heart-lung transplant recipients**. Transplant Proc 19:2537-2540, 1987.
23. Gordon RD, Starzl TE, Fung JJ, Iwatsuki S, Esquivel CO, Tzakis A, Todo S. **Monoclonal antibody therapy with ciclosporin and steroids in nonmatched cadaveric renal transplants**. Nephron 46:56-59, 1987.
24. Markus BH, Fung JJ, Gordon RD, Vanek M, Starzl TE, Duquesnoy RJ. **HLA histocompatibility and liver transplant survival**. Transplant Proc 19:63-65, 1987.
25. Markus BH, Fung JJ, Gordon RD, Iwatsuki S, Esquivel CO, Makowka L, Starzl TE. **Effect of OKT3 on survival and rate of retransplantation**. Transplant Proc 19:61-62, 1987.
26. Adler M, Gavaler JS, Duquesnoy R, Fung JJ, Svanas G, Starzl TE, Van Thiel DH. **Prognosis of hepatic transplantation as a function of biological, immunological and functional preoperative findings**. Acta Gastroenterol Belg 50:365-368, 1987.
27. Demetris AJ, Markus BH, Saidman S, Fung JJ, Makowka L, Graner S, Duquesnoy R, Starzl TE. **Isolation and primary cultures of human intrahepatic bile ductular epithelium**. In Vitro Cell Dev Biol 24:464-470, 1988.
28. Markus BH, Demetris AJ, Fung JJ, Saidman S, Zeevi A, Starzl TE, Duquesnoy RJ. **Allospecificity of liver allograft-derived lymphocytes and correlation with clinicopathological findings**. Transplant Proc 20:219-222, 1988.
29. Fung JJ, Makowka L, Tzakis AG, Klintmalm G, Duquesnoy R, Gordon R, Todo S, Griffin M, Starzl T. **Combined liver-kidney transplantation: Analysis of patients with preformed lymphocytotoxic antibodies**. Transplant Proc 20(Suppl. 1):88-91, 1988.
30. Demetris AJ, Markus B, Saidman S, Fung JJ, Makowka L, Duquesnoy R, Starzl TE. **Establishment of primary cultures of human biliary epithelium and induction of class II major histocompatibility complex antigens by interferon gamma**. Transplant Proc 20(Suppl 1):728-730, 1988.
31. Markus BH, Duquesnoy RJ, Gordon RD, Fung JJ, Vanek M, Klintmalm G, Bryan C, Van Thiel D, Starzl TE. **Association of HLA compatibility and decreased liver transplant survival**. Transplant Proc 20(Suppl 1):43-44, 1988.
32. Markus BH, Duquesnoy RJ, Gordon RD, Fung JJ, Vanek M, Klintmalm G, Bryan C, Van Thiel D, Starzl TE. **Histocompatibility and liver transplant outcome. Does HLA exert a dualistic effect?** Transplantation 46(3):372-377, 1988.
33. Markus BH, Demetris AJ, Saidman S, Fung JJ, Zeevi A, Starzl TE, Duquesnoy RJ. **Alloreactive T lymphocytes cultured from liver transplant biopsies: Associations of HLA specificity with clinicopathological findings**. Clin Transplant 2:70-75, 1988.
34. Markus BH, Colson YL, Fung JJ, Zeevi A, Duquesnoy RJ. **HLA antigen expression on cultured human arterial endothelial cells**. Tissue Antigens 32(5):241-253, 1988.
35. Demetris AJ, Markus BH, Fung JJ, Makowka L, Graner S, Duquesnoy R, Starzl TE. **Primary cultures of human intrahepatic (biliary) epithelial cells**. Transplant Proc 20(2):161-163, 1988.
36. Gordon RD, Fung JJ, Iwatsuki S, Duquesnoy RJ, Starzl TE. **Immunological factors influencing liver graft survival**. Gastroenterol Clin North Am 17(1):53-59, 1988.
37. Fung JJ, Zeevi A, Demetris AJ, Starzl TE, Markus B, Chen K, Marrarri M, Duquesnoy RJ. **Origin of lymph node-derived lymphocytes in human hepatic allografts**. Clin Transplant 3:316-324, 1989.
38. Starzl TE, Todo S, Fung JJ, Demetris AJ, Venkataramanan R, Jain A. **FK506 for liver, kidney, and pancreas transplantation**. Lancet 2:1000-1004, 1989.
39. Ikeda T, Yanaga K, Kusne S, Fung JJ, Higashi H, Starzl TE.  **Sterility of bile in multiple organ donors**. Transplantation 49(3):653, 1990.
40. Fung JJ, Todo S, Jain A, McCauley J, Alessiani M, Scotti C, Starzl TE. **Conversion from cyclosporine to FK506 in liver allograft recipients with cyclosporine-related complications**. Transplant Proc 22(1):6-12, 1990.
41. Todo S, Fung JJ, Demetris AJ, Jain A, Venkataramanan R, Starzl TE. **Early trials with FK506 as primary treatment in liver transplantation**. Transplant Proc 22(1):13-16, 1990.
42. McCauley J, Fung JJ, Jain A, Todo S, Starzl TE. **The effects of FK506 on renal function after liver transplantation**. Transplant Proc 22(1):17-20, 1990.
43. Kang Y, Mazer MA, DeWolf AM, Fung JJ, Gasior T, Venkataramanan R, Starzl TE.  **Acute hemodynamic effects of FK506 during and after orthotopic liver transplantation**. Transplant Proc 22(1):21-22, 1990.
44. Jain AB, Fung JJ, Venkataramanan R, Todo S, Alessiani M, Starzl TE. **FK506 dosage in human organ transplantation**. Transplant Proc 22(1):23-24, 1990.
45. Demetris AJ, Fung JJ, Todo S, Banner B, Zerbe T, Sysyn G, Starzl TE. **Pathologic observations in human allograft recipients treated with FK506**. Transplant Proc 22(1):25-34, 1990.
46. Shapiro R, Fung JJ, Jain AB, Parks P, Todo S, Starzl TE. **The side effects of FK506 in humans**. Transplant Proc 22(1):35-36, 1990.
47. Van Thiel DH, Igbal M, Jain A, Fung JJ, Todo S, Starzl TE. **Gastrointestinal and metabolic problems associated with immunosuppression with either cyclosporine or FK506 in liver transplantation**. Transplant Proc 22(1):37-40, 1990.
48. Mieles L, Todo S, Fung JJ, Jain A, Furukawa H, Susuki M, Starzl TE. **Oral glucose tolerance test in liver recipients treated with FK506**. Transplant Proc 22(1):41-43, 1990.
49. Alessiani M, Kusne S, Martin FM, Fung JJ, Jain A, Todo S, Simmons R, Starzl TE. **Infections with FK506 immunosuppression: Preliminary results with primary therapy**. Transplant Proc 22(1):44-46, 1990.
50. Staschak S, Wagner S, Block G, Van Thiel DH, Jain A, Fung JJ, Todo S, Starzl TE. **A cost comparison of liver transplantation with FK506 or CyA as the primary immunosuppressive agent**. Transplant Proc 22(1):47-49, 1990.
51. Cadoff EM, Venkataramanan R, Krajack A, Jain AS, Fung JJ, Toto S, Starzl TE. **Assay of FK506 in plasma**. Transplant Proc 22(1):50-51, 1990.
52. Venkataramanan R, Jain A, Cadoff E, Warty V, Iwasaki K, Nagase K, Krajack A, Imventarza O, Todo S, Fung JJ, Starzl TE. **Pharmacokinetics of FK506: Preclinical and clinical studies**. Transplant Proc 22(1):52-56, 1990.
53. Jain AB, Venkataramanan R, Cadoff E, Fung JJ, Todo S, Krajack A, Starzl TE. **Effect of hepatic dysfunction and T tube clamping on FK506 pharmacokinetics and trough concentrations**. Transplant Proc 22(1):57-59, 1990.
54. Zeevi A, Eiras G, Burckart G, Jain A, Krajack A, Venkataramanan R, Todo S, Fung JJ, Starzl TE, Duquesnoy RJ. **Bioassay of plasma specimens from liver transplant patients on FK506 immunosuppression**. Transplant Proc 22(1):60-63, 1990.
55. Murase N, Kim D, Todo S, Cramer DV, Fung JJ, Starzl TE. **Induction of liver, heart, and multivisceral graft acceptance with a short course of FK506**. Transplant Proc 22(1):74-75, 1990.
56. Francavilla A, Barone M, Starzl TE, Zeevi A, Scotti C, Carrieri G, Mazzaferro V, Prelich J, Todo S, Eiras G, Fung JJ, Porter KA. **FK506 as a growth control factor**. Transplant Proc 22(1):90-92, 1990.
57. Mazzaferro V, Scotti-Foglieni CL, Porter KA, Bellido JT, Carrieri G, Todo S, Fung JJ, Francavilla A, Starzl TE. **Studies of the hepatotrophic qualities of FK506 and CyA**. Transplant Proc 22(1):93-95, 1990.
58. Zeevi A, Eiras G, Bach FH, Fung JJ, Todo S, Starzl TE, Duquesnoy RJ.  **Functional differentiation of human cytotoxic T lymphocytes in the presence of FK506 and CyA**. Transplant Proc 22(1 Suppl. 1):106-109, 1990.
59. Demetris AJ, Qian S, Sun H, Fung JJ. **Liver allograft rejection: An overview of morphologic findings**. Am J Surg Pathol 14(Suppl 1):49-63, 1990.
60. Murase N, Demetris AJ, Kim DG, Todo S, Fung JJ, Starzl TE. **Rejection of the multivisceral allografts in rats: A sequential analysis with comparison to isolated orthotopic small bowel and liver grafts**. Surgery 108(5):880-889, 1990.
61. Demetris AJ, Todo S, Van Thiel DH, Fung JJ, Sysyn G, Ming W, Kakizoe S, Starzl TE. **Evolution of hepatitis B virus (HBV) liver disease after hepatic replacement: Practical and theoretical considerations**. Am J Pathol 137(3):667-676, 1990.
62. Starzl TE, Fung JJ, Jordan M, Shapiro R, Tzakis AG, McCauley J, Johnston J, Iwaki Y, Jain A, Alessiani M, Todo S. **Kidney Transplantation under FK506**. JAMA 264(1):63-67, 1990.
63. Markus PM, Cai X, Hoffman AL, Kunz HW, Hoffmann S, Fung JJ. **The effect of thymus transplantation on allograft rejection in thymectomized bone marrow chimeras**. Transplant Proc 22(6):2536-2538, 1990.
64. Todo S, Fung JJ, Starzl TE, Tzakis A, Demetris AJ, Kormos R, Jain A, Alessiani M, Takaya S. **Liver, kidney, and thoracic organ transplantation under FK506**. Ann Surg 212(3):295-307, 1990.
65. Starzl TE, Fung JJ. **Transplantation**. JAMA 263(19):2686-2687, 1990.
66. Murase N, Kim DG, Todo S, Cramer DV, Fung JJ, Starzl TE. **Suppression of allograft rejection with FK506 I: Prolonged cardiac and liver survival in rats following short-course therapy**. Transplantation 50(2):186-189, 1990.
67. Murase N, Kim DG, Todo S, Cramer DV, Fung JJ, Starzl TE. **FK506 suppression of heart and liver allograft rejection. II: The Induction of graft acceptance in rats**. Transplantation 50(5):739-744, 1990.
68. Reyes J, Gayowski T, Fung JJ, Todo S, Alessiani M, Starzl TE. **Expressive dysplasia possibly related to FK506 in two liver transplant recipients**. Transplantation 50(6):1043-1045, 1990.
69. Tzakis AG, Ricordi C, Alejandro R, Zeng Y, Fung JJ, Todo S, Demetris AJ, Mintz DH, Starzl TE. **Pancreatic islet transplantation after upper abdominal exenteration and liver replacement**. Lancet 336(8712):402-405, 1990.
70. Saidman SL, Duquesnoy RJ, Zeevi A, Fung JJ, Starzl TE, Demetris AJ. **Recognition of major histocompatibility complex antigens on cultured human biliary epithelial cells by alloreactive lymphocytes**. Hepatology 13(2):239-246, 1991.
71. Todo S, Demetris AJ, Van Thiel D, Teperman L, Fung JJ, Starzl TE. **Orthotopic liver transplantation for patients with hepatitis B virus (HBV) related liver disease**. Hepatology 13(4):619-626, 1991.
72. Markus, PM, Van den Brink MRM, Luchs BA, Fung JJ, Starzl TE, Hiserodt JC. **Effects of in vivo treatment with FK506 on natural killer cells in rats**. Transplantation 51(4):913-915, 1991.
73. Fung JJ, Demetris AJ, Todo S, Tzakis AG, Bronsther OL, Casavilla A, Doyle H, Gordon R, Iwatsuki S, Selby R, Imventarza O, Martin M, Reyes J, Stieber A, Starzl TE. **Use of FK506 in the treatment of liver allograft rejection**. Transplant Sci 1:50-54, 1991.
74. Armitage JM, Kormos RL, Fung JJ, Lavee J, Fricker FJ, Griffith BP, Stuart RS, Marrone GC, Hardesty RL, Todo S, Tzakis AG, Starzl TE. **Preliminary experience with FK506 in thoracic transplantation**. Transplantation 52(1):164-167, 1991.
75. Stieber AC, Zetti G, Todo S, Tzakis AG, Fung JJ, Marino I, Casavilla A, Selby R, Starzl TE. **The spectrum of portal vein thrombosis**. Ann Surg 213(3):199-206, 1991.
76. Starzl TE, Porter KA, Mazzaferro V, Todo S, Fung JJ, Francavilla A. **Hepatotrophic effects of FK506 in dogs**. Transplantation 51(1):67-70, 1991.
77. Tzakis AG, Todo S, Madariaga J, Tzoracoeleftherakis E, Fung JJ, Starzl TE. **Upper-abdominal exenteration in transplantation for extensive malignancies of the upper abdomen - An update**. Transplantation 51(3):727-728, 1991.
78. Tzakis AG, Fung JJ, Todo S, Reyes J, Green M, Starzl TE.  **Use of FK506 in pediatric patients**. Transplant Proc 23(1 Pt. 2):924-927, 1991.
79. Alessiani M, Kusne S, Martin M, Jain A, Abu-Elmagd K, Moser J, Fung JJ, Starzl T. **Infections in adult liver transplant patients under FK506 immunosuppression**. Transplant Proc 23(1 Pt. 2):1501-1503, 1991.
80. Todo S, Fung JJ, Tzakis AG, Demetris AJ, Jain A, Alessiani M, Takaya S, Starzl TE. **One hundred ten consecutive primary orthotopic liver transplants under FK506 in adults**. Transplant Proc 23(1 Pt. 2):1397-1402, 1991.
81. Fung JJ, Todo S, Tzakis AG, Demetris AJ, Jain A, Abu-Elmagd K, Alessiani M, Starzl TE. **Conversion of liver allograft recipients from cyclosporine to FK506 based immunosuppression: Benefits and pitfalls**. Transplant Proc 23(1 Pt. 1):14-21, 1991.
82. Zeevi A, Eiras G, Kaufman C, Alessiani M, Demetris AJ, Abu-Elmagd K, Jain A, Warty V, Venkataramanan R, Burckart G, Starzl TE, Todo S, Fung JJ, Duquesnoy R. **Correlation between bioassayed plasma levels of FK506 and lymphocyte growth from liver transplant biopsies with histological evidence of rejection**. Transplant Proc 23:1406-1408, 1991.
83. Jain AB, Fung JJ, Todo S, Alessiani M, Takaya S, Abu-Elmagd K, Tzakis AG, Starzl TE. **Incidence and treatment of rejection episodes in primary orthotopic liver transplantation under FK506**. Transplant Proc 23(1 Pt. 2):928-930, 1991.
84. Kusne S, Martin M, Shapiro R, Jordan M, Fung JJ, Alessiani M, Jain A, Todo S, Starzl TE. **Early infections in kidney transplant recipients under FK506**. Transplant Proc 23(1Pt. 2):956-957, 1991.
85. Shapiro R, Jordan M, Fung JJ, McCauley J, Johnston J, Iwaki Y, Tzakis AG, Hakala T, Todo S, Starzl TE. **Kidney transplantation under FK506 immunosuppression**. Transplant Proc 23(1 Pt. 2):920-923, 1991.
86. Starzl TE, Abu-Elmagd K, Tzakis AG, Fung JJ, Porter KA, Todo S. **Selected topics on FK506, with special references to rescue of extrahepatic whole organ grafts, transplantation of "forbidden organs", side effects, mechanisms, and practical pharmacokinetics**. Transplant Proc 23(1 Pt. 2):914-919, 1991.
87. Venkataramanan R, Jain A, Warty VW, Abu-Elmagd K, Furukawa H, Imventarza O, Fung JJ, Todo S, Starzl TE. **Pharmacokinetics of FK506 following oral administration: A Comparison of FK506 and cyclosporine**. Transplant Proc 23(1 Pt. 2):931-933, 1991.
88. Nalesnik MA, Demetris AJ, Fung JJ, Starzl TE. **Lymphoproliferative disorders arising under immunosuppression with FK506: Initial observations in a large transplant population**. Transplant Proc 23(1 Pt. 2):1108-1110, 1991.
89. Armitage JM, Kormos RL, Griffith BP, Hardesty RL, Fricker FJ, Stuart RS, Marrone GC, Todo S, Fung JJ, Starzl TE. **A clinical trial of FK506 as primary and rescue immunosuppression in cardiac transplantation**. Transplant Proc 23(1 Pt. 2):1149-1152, 1991.
90. Qian S, Fung JJ, Demetris AJ, Ildstad S, Starzl TE. **Orthotopic liver transplantation in the mouse**. Transplantation 52(3):562-564, 1991.
91. Starzl TE, Fung JJ, Todo S, Tzakis AG. **Notes on FK506**. Transplant Proc 23(4):2178-2179, 1991.
92. Fung JJ, Todo S, Tzakis A, Alessiani M, Abu-Elmagd K, Jain A, Bronsther OL, Martin M, Gordon R, Starzl TE. **Current status on FK506 in liver transplantation**. Transplant Proc 23(3):1902-1905, 1991.
93. Murase N, Demetris AJ, Matsuzaki T, Yagihasi A, Todo S, Fung JJ, Starzl TE. **Long survival in rats after multivisceral isolated small-bowel allotransplantation under FK506**. Surgery 110(1):87-98, 1991.
94. Abu-Elmagd K, Fung JJ, Alessiani M, Jain A, Venkataramanan R, Warty VS, Takaya S, Todo S, Shannon WD, Starzl TE. **The effect of graft function on FK506 plasma levels, dosages, and renal function, with particular reference to the liver**. Transplantation 52(1):71-77, 1991.
95. Markus PM, Cai X, Ming W, Demetris AJ, Fung JJ, Starzl TE. **Prevention of graft-versus-host disease following allogeneic bone marrow transplantation in rats using FK506**. Transplantation 52(4):590-594, 1991.
96. McCauley J, Takaya S, Fung JJ, Tzakis AG, Abu-Elmagd K, Jain A, Todo S, Starzl TE.  **The question of FK506 nephrotoxicity after liver transplantation**. Transplant Proc 23(1 Pt. 2):1444-1447, 1991.
97. Fung JJ, Starzl TE. **Prophylactic use of OKT3 in liver transplantation: A review**. Dig Dis Sci 36(10):1427-1430, 1991.
98. Iwaki Y, Starzl TE, Yagihashi A, Taniwaki S, Abu-Elmagd K, Tzakis AG, Fung JJ, Todo S. **Replacement of donor lymphoid tissue in human small bowel transplants under FK506 immunosuppression**. Lancet 337(8745):818-819, 1991.
99. Gordon RD, Todo S, Tzakis AG, Fung JJ, Stieber A, Staschak SM, Iwatsuki S, Starzl TE. **Liver transplantation under cyclosporine: A decade of experience**. Transplant Proc 23(1 Pt. 2):1393-1396, 1991.
100. Markus PM, Cai X, Ming W, Demetris AJ, Fung JJ, Starzl TE. **FK506 reverses acute graft-versus-host disease following allogeneic bone marrow transplantation in rats**. Surgery 110(2):357-363, 1991.
101. Demetris AJ, Qian S, Sun H, Fung JJ, Yagihashi A, Murase N, Iwaki Y, Gambrell B, Starzl TE. **Early events in liver allograft rejection: Delineation of sites of simultaneous intragraft and recipient lymphoid tissue sensitization**. Am J Pathol 138(3):609-618, 1991.
102. Demetris AJ, Banner B, Fung JJ, Shapiro R, Jordan M, Starzl TE. **Histopathology of human renal allograft rejection under FK506: A comparison with cyclosporine**. Transplant Proc 23(1 Pt. 2):944-946, 1991.
103. Gordon RD, Hartner CM, Casavilla A, Selby R, Bronsther OL, Mieles L, Martin M, Fung JJ, Tzakis AG, Starzl TE. **The liver transplant waiting list - a single-center analysis**. Transplantation 51(1):128-134, 1991.
104. Stieber AC, Gordon RD, Todo S, Tzakis AG, Fung JJ, Casavilla A, Selby R, Mieles L, Reyes J, Starzl TE. **Liver transplantation in patients over sixty years of age**. Transplantation 51(1):271-273, 1991.
105. Warty V, Venkataramanan R, Zendehrouh P, Mehta S, McKaveney T, Flowers J, Fung J, Todo S, Starzl TE: **Practical aspects of FK506 analysis.** Transplant Proc 23:2730-2731, 1991.
106. Starzl TE, Todo S, Tzakis A, Alessiani M, Casavilla A, Abu-Elmagd K, Fung JJ. **The many faces of multivisceral transplantation**. Surg Gynecol Obstet 172(5):335-344, 1991.
107. Fung JJ, Abu-Elmagd K, Jain A, Gordon R, Tzakis A, Todo S, Takaya S, Alessiani M, Demetris AJ, Bronsther OL, Martin M, Mieles L, Selby R, Reyes J, Doyle H, Stieber A, Casavilla A, Starzl TE. **A randomized trial of primary liver transplantation under immunosuppression with FK506 versus cyclosporine**. Transplant Proc 23(6):2977 -2983, 1991.
108. Van Thiel DH, Carr B, Iwatsuki S, Tzakis AG, Fung JJ, Starzl TE. **Liver transplantation for alcoholic liver disease, viral hepatitis, and hepatic neoplasms**. Transplant Proc 23(3):1917-1921, 1991.
109. Ricordi C, Zeng Y, Alejandro R, Tzakis AG, Venkataramanan R, Fung JJ, Bereiter D, Mintz D, Starzl TE. **In-vivo effect of FK506 on human pancreatic islets**. Transplantation 52(3):519-522, 1991.
110. Jordan ML, Shapiro R, Fung J, Tzakis A, Todo S, Kusne S, Demetrius J, Hakala TR, Starzl TE: **Initial studied with FK506 in renal transplantation.** Cleveland Clinic J Med 58(5):444-446, 1991.
111. Steeves M, Abdallah HY, Venkataramanan R, Burckart GJ, Ptachcinski RJ, Abu-Elmagd K, Jain A, Fung JJ, Todo S, Starzl TE. **In-vitro interaction of a novel immunosuppressant, FK506, and antacids**. J Pharm Pharmacol 43:574-577, 1991.
112. Qian S, Fung JJ, Demetris AJ, Starzl TE. **Allogeneic orthotopic liver transplantation in mice: A preliminary study of rejection across well-defined MHC barriers**. Transplant Proc 23(1 Pt. 1):705-706, 1991.
113. Abu-Elmagd K, Van Thiel DH, Jegasothy BV, Ackerman CD, Todo S, Fung JJ, Thomson AW, Starzl TE. **FK506: A new therapeutic agent for severe recalcitrant psoriasis**. Transplant Proc 23(6):3322-3324, 1991.
114. Abu-Elmagd K, Bronsther OL, Kobayashi M, Yagihash A, Iwaki Y, Fung JJ, Alessiani M, Bontempo F, Starzl TE. **Acute hemolytic anemia in liver and bone marrow transplant patients under FK506 therapy**. Transplant Proc 23(6):3190-3192, 1991.
115. Abu-Elmagd K, Fung JJ, Draviam R, Shannon W, Jain A, Alessiani M, Takaya S, Venkataramanan R, Warty VS, Tzakis AG, Todo S, Starzl TE. **Four-hour versus 24-hour intravenous infusion of FK506 in liver transplantation**. Transplant Proc 23(6):2767-2770, 1991.
116. Abu-Elmagd K, Fung JJ, Alessiani M, Jain A, Takaya S, Venkataramanan R, Warty VS, Shannon W, Todo S, Tzakis AG, Van Thiel DH, Starzl TE. **Strategy of FK506 therapy in liver transplant patients: Effect of graft function**. Transplant Proc 23(6):2771-2774, 1991.
117. Abu-Elmagd K, Jegasothy BV, Ackerman CD, Thomson AW, Rilo H, Nikolaidis N, Van Thiel D, Fung, JJ, Todo S, Starzl TE. **Efficacy of FK506 in the treatment of recalcitrant pyoderma gangrenosum**. Transplant Proc 23(6):3328-3329, 1991.
118. Alessiani M, Kusne S, Fung JJ, Torre-Cisneros J, Jain A, Abu-Elmagd K, Takaya S, Cillo U, Martin M, Todo S, Starzl TE. **CMV infection in liver transplantation under cyclosporine or FK506 immunosuppression**. Transplant Proc 23:3035-3037, 1991.
119. Armitage JM, Kormos RL, Fung JJ, Starzl TE. **The clinical trial of FK506 as primary and rescue immunosuppression in adult cardiac transplantation**. Transplant Proc 23(6):3054-3057, 1991.
120. Cooper MH, Gregory SH, Thomson AW, Fung, JJ, Starzl TE, Wing EJ. **Evaluation of the influence of FK506, rapamycin and cyclosporine on processing and presentation of particulate antigen by macrophages: Assessment of a drug "carry over" effect**. Transplant Proc 23(6):2957-2958, 1991.
121. Cooper MH, Hartman GG, Starzl TE, Fung JJ. **The induction of pseudo-graft-versus-host disease following syngeneic bone marrow transplantation using FK506**. Transplant Proc 23(6):3234-3235, 1991.
122. Cooper MH, Markus PM, Cai X, Starzl TE, Fung JJ. **Prolonged prevention of acute graft-versus-host disease after allogeneic bone marrow transplantation by donor pretreatment using FK506**. Transplant Proc 23(6):3238-3239, 1991.
123. Demetris AJ, Fung JJ, Todo S, McCauley J, Jain A, Takaya S, Alessiani M, Abu-Elmagd K, Van Thiel DH, Starzl TE. **FK506 used as rescue therapy for human liver allograft recipients**. Transplant Proc 23(6):3005-3006, 1991.
124. DiMartini A, Pajer K, Trzepacz P, Fung JJ, Starzl T, Tringali R. **Psychiatric morbidity in liver transplant patients**. Transplant Proc 23(6):3179-3180, 1991.
125. Eidelman BH, Abu-Elmagd K, Wilson J, Fung JJ, Alessiani M, Jain A, Takaya S, Todo SN, Tzakis AG, Van Thiel DH, Shannon W, Starzl TE. **Neurological complications of FK506**. Transplant Proc 23(6):3175-3178, 1991.
126. Felser I, Wagner S, Depee J, Johnson N, Staschak S, Jain A, Fung JJ, Starzl TE. **Changes in quality of life following conversion from CYA to FK506 in orthotopic liver transplant patients**. Transplant Proc 23(6):3032-3034, 1991.
127. Fung JJ, Alessiani M, Abu-Elmagd K, Todo S, Shapiro R, Tzakis AG, Van Thiel D, Armitage J, Jain A, McCauley J, Selby R, Starzl TE. **Adverse effects associated with the use of FK506**. Transplant Proc 23(6):3105-3108, 1991.
128. Habucky K, Venkataramanan R, Xiaoshan R, Warty VS, Fung JJ, Starzl TE. **The pharmacodynamics of pentobarbital following FK506 therapy.** Transplant Proc 23:2800-2801, 1991.
129. Jain AB, Fung JJ, Tzakis AG, Venkataramanan R, Abu-Elmagd K, Alessiani M, Reyes J, Irish W, Warty V, Mehta S, Todo S, Starzl TE. **Comparative study of cyclosporine and FK506 dosage requirements in adults and pediatric orthotopic liver transplant patients**. Transplant Proc 23:2763-2766, 1991.
130. Jain AB, Todo S, Fung JJ, Venkataramanan R, Day R, Bryant J, Abu-Elmagd KM, Alessiani M, Takaya S, Tzakis A, Starzl TE. **Correlation of rejection episodes with FK506 dosage, FK506 level and steroid following primary orthotopic liver transplant**. Transplant Proc 23(6):3023-3025, 1991.
131. Jain AB, Venkataramanan R, Fung JJ, Burckart G, Emeigh J, Diven W, Warty V, Abu-Elmagd K, Todo S, Alessiani M, Starzl TE. **Pharmacokinetics of cyclosporine and nephrotoxicity in orthotopic liver transplant patients rescued with FK506**. Transplant Proc 23(6):2777-2779, 1991.
132. Jordan ML, Shapiro R, Jensen CWB, Scantlebury V, Fung JJ, Tzakis A, McCauley J, Jain A, Demetris AJ, Randhawa P, Simmons RL, Hakala TR, Starzl TE **FK506 conversion of renal allografts failing cyclosporine immunosuppression**. Transplant Proc 23(6):3078-3081, 1991.
133. McCauley J, Fung JJ, Brown H, Deballi P, Jain A, Todo S, Starzl TE. **Renal function after conversion from cyclosporine to FK506 in liver transplant patients**. Transplant Proc 23(6):3148-3149, 1991.
134. McCauley J, Fung JJ, Todo S, Jain A, Deballi P, Starzl TE. **Changes in renal function after liver transplantation under FK506**. Transplant Proc 23(6):3143-3145, 1991.
135. McMichael J, Irish W, McCauley J, Shapiro R, Gordon R, Van Thiel DH, Lieberman R, Warty VS, Fung JJ, Starzl TE. **Evaluation of a novel "intelligent" dosing system for optimizing FK506 therapy**. Transplant Proc 23(6):2780-2782, 1991.
136. Mieles LA, Fung JJ, Yokoyama I, McCauley J, Yu V, Todo S, Gordon RD, Starzl TE. **Liver transplantation of American veterans under FK506 immunosuppression: A preliminary report**. Transplant Proc 23(6):3016-3018, 1991.
137. Nakamura K, Yagihashi A, Iwaki Y, Takaya S, Hartman GG, Murase N, Bronsther O, Manez R, Fung JJ, Iwatsuki S, Starzl TE, Demetris AJ. **The lymphocytotoxic crossmatch in liver transplantation: A clinicopathologic analysis**. Transplant Proc 23(6):3021-3022, 1991.
138. Nikolaidis NL, Abu-Elmagd K, Thomson AW, Rilo HR, Irish WD, Van Thiel DH, Fung JJ, Starzl TE. **Metabolic effects of FK506 in patients with severe psoriasis: Short-term follow-up of seven cases**. Transplant Proc 23(6):3325-3327, 1991.
139. Reyes J, Tzakis A, Green M, Nour B, Nalesnik M, Van Thiel D, Martin M, Breinig MK, Fung JJ, Cooper M, Starzl TE. **Posttransplant lymphoproliferative disorders occurring under primary FK506 immunosuppression**. Transplant Proc 23(6):3044-3046, 1991.
140. Ricordi C, Tzakis A, Carroll P, Zeng Y, Rilo HLR, Alejandro R, Shapiro R, Fung JJ, Mintz DH, Starzl TE. **Human islet allotransplantation under FK506**. Transplant Proc 23(6):3207, 1991.
141. Roat MI, Thoft RA, Thomson AW, Jain A, Fung JJ, Starzl TE. **Treatment of Cogan's syndrome with FK506: A case report**. Transplant Proc 23(6):3347, 1991.
142. Scantlebury V, Shapiro R, Fung JJ, Tzakis A, McCauley J, Jordan M, Jensen C, Hakala T, Simmons R, Starzl TE. **New onset of diabetes in FK506 versus cyclosporine-treated kidney transplant recipients**. Transplant Proc 23(6):3169-3170, 1991.
143. Shapiro R, Jordan M, Scantlebury V, Fung JJ, Jensen C, Tzakis A, McCauley J, Carroll P, Ricordi C, Demetris AJ, Mitchell S, Jain A, Iwaki Y, Kobayashi M, Reyes J, Todo S, Hakala TR, Simmons RL, Starzl TE. **FK506 in clinical kidney transplantation**. Transplant Proc 23(6):3065-3067, 1991.
144. Todo S, Tzakis A, Reyes J, Abu-Elmagd K, Casavilla A, Nour BM, Selby R, Fung JJ, Van Thiel D, Starzl TE. **Clinical small bowel or small bowel plus liver transplantation under FK506**. Transplant Proc 23(6):3093-3095, 1991.
145. Tzakis AG, Abu-Elmagd K, Fung JJ, Bloom EJ, Nour B, Greif F, Starzl TE. **FK506 rescue in chronic graft-versus-host-disease after bone marrow transplantation**. Transplant Proc 23(6):3225-3227, 1991.
146. Tzakis AG, Reyes J, Todo S, Green M, Ohya T, Jain A, Abu-Elmagd K, Alessiani M, Fung JJ, Starzl TE. **FK506 versus cyclosporine in pediatric liver transplantation**. Transplant Proc 23(6):3010-3015, 1991.
147. Venkataramanan R, Jain A, Warty VS, Abu-Elmagd K, Alessiani M, Lever J, Krajak A, Flowers J, Mehta S, Zuckerman S, Fung JJ, Todo S, Starzl TE.  **Pharmacokinetics of FK506 in transplant patients**. Transplant Proc 23(6):2736-2740, 1991.
148. Whiteside TL, Wilson J, Bryant J, Zeevi A, Abu-Elmagd K, Jain A, Alessiani M, Fung JJ, Herberman RB, Starzl TE. **Serial monitoring of immunologic function and phenotype of lymphocytes in the blood of transplanted patients randomized to cyclosporin or FK506**. Transplant Proc 23(6):3047-3051, 1991.
149. Wu YM, Venkataramanan R, Suzuki M, Zhu Y, Abdallah H, Emeigh J, Burckart GJ, Warty VS, Fung JJ, Todo S, Starzl TE. **Interaction between FK506 and cyclosporine in dogs**. Transplant Proc 23(6):2797-2799, 1991.
150. Fung JJ, Abu-Elmagd K, Todo S, Shapiro R, Tzakis A, Jordan M, Armitage J, Jain A, Martin M, Bronsther O, Stieber A, Kormos R, Selby R, Gordon R, Starzl TE. **FK506 in clinical organ transplantation**. Clin Transplant 5:517-522, 1991.
151. Ricordi C, Zeng Y, Tzakis A, Alejandro R, Demetris AJ, Fung JJ, Bereiter DR, Mintz DH, Starzl TE. **Evidence that canine pancreatic islets promote the survival of human hepatocytes in nude mice**. Transplantation 52(4):749-751, 1991.
152. Rao P, Sun H, Snyder J, Fung JJ, Starzl TE. **Effect of FK506 on FK-binding protein and transforming growth factor beta gene expression**. Transplant Proc 23(6):2873-2874, 1991.
153. Takaya S, Bronsther O, Todo S, Abu-Elmagd K, Jain A, Alessiani M, Madariaga J, Marino IR, Selby R, Fung JJ, Gordon RD, Starzl TE. **Retransplantation of liver: A comparison of FK506 and cyclosporine-treated patients**. Transplant Proc 23(6):3026-3028, 1991.
154. Valdivia LA, Fung JJ, Demetris AJ, Starzl TE. **Differential survival of hamster-to-rat liver and cardiac xenografts under FK506 immunosuppression**. Transplant Proc 23(6):3269-3271, 1991.
155. Van Thiel DH, Wright HI, Gavaler JS, Fung JJ, Starzl TE. **Interferon therapy of hepatitis following liver transplantation under FK506 or cyclosporine**. Transplant Proc 23(6):3052-3053, 1991.
156. Warty VS, Venkataramanan R, Zendehrouh P, Mehta S, McKaveney T, Flowers J, Zuckerman S, Krajak A, Zeevi A, Fung JJ, Todo S, Starzl TE. **Practical aspects of FK506 analysis (Pittsburgh experience)**. Transplant Proc 23:2730-2731, 1991.
157. Markus PM, Cai X, Selvaggi G, Cooper M, Harnaha J, Fung JJ, Starzl TE. **The effect of cyclosporine, rapamycin and FK506 and the survival following allogeneic bone marrow transplantation**. Transplant Proc 23(6):3232-3233, 1991.
158. Zeevi A, Venkataramanan R, Warty V, Eiras G, Woan M, Abu-Elmagd K, Alessiani M, Jain A, Demetris AJ, Zerbe T, Fung JJ, Todo S, Starzl TE, Duquesnoy RJ. **In vitro assessment of FK506 immunosuppressive activity in transplant patients**. Transplant Proc 23:2897-2899, 1991.
159. Starzl TE, Abu-Elmagd K, Fung JJ, Todo S, Tzakis AG, McCauley J, Demetris AJ: **[Clinical experience with FK 506]** Presse Med. 1991 Nov 27;20(40):1967-73.
160. Furukawa H, Imventarza O, Venkataramanan R, Suzuki M, Zhu Y, Warty VS, Fung JJ, Todo S, Starzl TE. **The effect of bile duct ligation and bile diversion on FK506 pharmacokinetics in dogs**. Transplantation 53(4):722-725, 1992.
161. Ricordi C, Tzakis A, Carroll P, Zeng Y, Rilo HLR, Alejandro R, Shapiro R, Fung JJ, Demetris AJ, Bereiter DR, Mintz DH, Starzl TE. **Human islet allotransplantation in 18 diabetic patients**. Transplant Proc 24(3):961, 1992.
162. Ricordi C, Tzakis A, Carroll P, Zeng Y, Rilo HLR, Alejandro R, Shapiro R, Fung JJ, Demetris AJ, Mintz DH, Starzl TE. **Human islet isolation and allotransplantation in 22 consecutive cases**. Transplantation 53(2):407-414, 1992.
163. Takaya S, Bronsther O, Iwaki Y, Nakamura K, Abu-Elmagd K, Yagihashi A, Demetris AJ, Kobayashi M, Todo S, Tzakis A, Fung JJ, Starzl TE. **The adverse impact on liver transplantation of using positive cytotoxic crossmatch donors**. Transplantation 53:400-406, 1992.
164. Ricordi C, Carroll P, Tzakis AG, Zeng Y, Rilo HLR, Alejandro R, Shapiro R, Fung JJ, Demetris AJ, Mintz DH, Starzl TE. **Outcome of human islet isolation and allotransplantation in 20 consecutive cases**. Diabetes Nutrition Metab 5(Suppl 1):193-198, 1992.
165. Todo S, Tzakis AG, Abu-Elmagd K, Reyes J, Fung JJ, Casavilla A, Nakamura K, Yagihashi A, Jain A, Murase N, Iwaki Y, Demetris AJ, Van Thiel DH, Starzl TE. **Cadaveric small bowel and small bowel-liver transplantation in humans**. Transplantation 53(2):369-376, 1992.
166. Nalesnik MA, Locker J, Jaffe R, Reyes J, Cooper M, Fung JJ, Starzl TE. **Experience with posttransplant lymphoproliferative disorders in solid organ transplant recipients**. Clin Transplantation 6:249-252, 1992.
167. Sakr M, Hassanein T, Gavaler JS, Abu-Elmagd K, Fung JJ, Gordon R, Starzl TE, Van Thiel DH. **Cytomegalovirus infection of the upper gastrointestinal tract following liver transplantation - Incidence, location and severity in cyclosporine- and FK506-treated patients**. Transplantation 53(4):786-791, 1992.
168. Todo S, Tzakis AG, Abu-Elmagd K, Reyes J, Nakamura K, Casavilla A, Selby R, Nour BM, Wright H, Fung JJ, Demetris AJ, Van Thiel DH, Starzl TE. **Intestinal transplantation in composite visceral grafts or alone**. Ann Surg 216:223-234, 1992.
169. Demetris AJ, Fung JJ, Todo S, McCauley J, Jain A, Takaya S, Alessiani M, Abu-Elmagd K, Van Thiel DH, Starzl TE. **Conversion of liver allograft recipients from cyclosporine to FK506 immunosuppressive therapy-A clinicopathologic study of 96 patients**. Transplantation 53:1056-1062, 1992.
170. Carroll PB, Ricordi C, Rilo HR, Fontes P, Khan R, Tzakis AG, Shapiro R, Fung JJ, Starzl TE. **Intrahepatic human islet transplantation at the University of Pittsburgh: Results in 25 consecutive cases**. Transplant Proc 24(6):3038-3039, 1992.
171. Carroll PB, Ricordi C, Fontes P, Rilo HR, Phipps J, Tzakis AG, Fung JJ, Starzl TE.  **Microbiological surveillance as part of human islet transplantation: Results of the first 26 patients**. Transplant Proc 24(6):2798-2799, 1992.
172. Kusne S, Torre-Cisneros J, Manez R, Irish W, Martin M, Fung JJ, Simmons RL, Starzl TE. **Factors associated with invasive lung aspergillosis and the significance of positive aspergillus culture after liver transplantation**. J Infect Dis 166(6):1379-1383, 1992.
173. Sever CE, Demetris AJ, Zeng Y, Tzakis A, Carroll P, Fung JJ, Starzl TE, Ricordi C.  **Islet cell allotransplantation in diabetic patients - histologic findings in four adults simultaneously receiving kidney or liver transplants**. Am J Pathol 140(5):1255-1260, 1992.
174. Demetris AJ, Nakamura K, Yagihashi A, Iwaki Y, Takaya S, Hartman GG, Murase N, Bronsther O, Manez R, Fung JJ, Iwatsuki S, Starzl TE. **A clinicopathological study of human liver allograft recipients harboring preformed IgG lymphocytotoxic antibodies**. Hepatology 16(3):671-681, 1992.
175. Cai X, Harnaha J, Rao PN, Flowers J, Venkataramanan R, Warty V, Fung JJ, Starzl TE. **Low-dose of FK506 and associated blood levels in allotransplantation of rat liver, heart and skin**. Transplant Proc 24(4):1403-1405, 1992.
176. Qian S, Fung JJ, Sun H, Demetris AJ, Starzl TE. **Transplantation unresponsiveness induced by liver allografts in mouse strains with various histocompatibility disparities**. Transplant Proc 24(4):1605-1606, 1992.
177. Fung JJ, Thomson AW, Pinna A, Selby RR, Starzl TE. **State of immunosuppressive agents in organ transplantation**. Transplant Proc 24(6):2372-2374, 1992.
178. Kusne S, Fung JJ, Alessiani M, Martin M, Torre-Cisneros J, Irish W, Ondick L, Jain A, Abu-Elmagd K, Takaya S, Todo S, Starzl TE. **Infections during a randomized trial comparing cyclosporine to FK506 immunosuppression in liver transplantation**. Transplant Proc 24(1):429-430, 1992.
179. Abu-Elmagd K, Fung JJ, Reyes J, Casavilla A, Van Thiel DH, Iwaki Y, Warty V, Nikolaidis N, Block J, Nakamura K, Goldbach B, Demetris J, Tzakis A, Todo S, Starzl TE. **Management of intestinal transplantation in humans**. Transplant Proc 24(3):1243-1244, 1992.
180. Leung PSC, Krams S, Munoz S, Surh CP, Ansari A, Kenny T, Robbins DL, Fung JJ, Starzl TE, Maddrey W, Coppel RL, Gershwin ME. **Characterization and epitope mapping of human monoclonal antibodies to PDC-E, the immunodominant autoantigen of primary biliary cirrhosis**. J Autoimmunity 5:703-718, 1992.
181. Ricordi C, Tzakis A, Alejandro R, Zeng Y, Demetris AJ, Carroll P, Fung JJ, Mintz DH, Starzl TE. **Detection of intrahepatic human islets following combined liver-islet allotransplantation**. Pancreas 7(4):507-509, 1992.
182. Sever CE, Demetris AJ, Zeng J, Carroll P, Tzakis A, Fung JJ, Starzl TE, Ricordi C. **Composition of human islet cell preparations for transplantation**. Acta Diabetologica 28(3-4):233-238, 1992.
183. Jain A, Venkataramanan R, Todo S, Abu-Elmagd K, Fung JJ, Warty V, Tzakis A, Reyes J, Alessiani M, Starzl T. **Intravenous, oral pharmacokinetics and oral dosing of FK506 in small bowel transplant patients**. Transplant Proc 24(3):1181-1182, 1992.
184. Armitage JM, Kormos RL, Morita S, Fung JJ, Marrone GC, Hardesty RL, Griffith BP, Starzl TE. **Clinical trial of FK506 immunosuppression in adult cardiac transplantation**. Ann Thorac Surg 54:205-211, 1992.
185. Murase N, Demetris AJ, Furuya T, Todo S, Fung JJ, Starzl TE. **Comparison of the small intestine after multivisceral transplantation and the small intestine transplanted with portal versus caval drainage**. Transplant Proc 24(3):1143-1144, 1992.
186. Nakamura K, Todo S, Abu-Elmagd K, Reyes J, Tzakis A, Fung JJ, Starzl TE, Demetris AJ. **Histologic monitoring of human small bowel allografts with clinical correlation**. Transplant Proc 24(3):1199-1200, 1992.
187. Nakamura K, Nalesnik M, Todo S, Takenaka T, Yagihashi A, Iwaki Y, Abu-Elmagd K, Reyes J, Tzakis A, Warty V, Fung JJ, Starzl TE, Demetris AJ.  **Lymphocyte trafficking using in situ hybridization and physioanatomy of the intestinal immune system after human small bowel transplantation**. Transplant Proc 24:1197-1198, 1992.
188. Reyes J, Abu-Elmagd K, Tzakis A, Nour B, Casavilla A, Kusne S, Green M, Alessiani M, Jain A, Fung JJ, Todo S, Starzl TE. **Infectious complications after human small bowel transplantation**. Transplant Proc 24(3):1249-1250, 1992.
189. Tzakis AG, Todo S, Reyes J, Abu-Elmagd K, Casavilla A, Ohya T, Fung JJ, Yunis E, Demetris AJ, Kocoshis S, Van Thiel DH, Starzl TE. **Clinical intestinal transplantation: Focus on complications**. Transplant Proc 24(3):1238-1240, 1992.
190. Ricordi C, Zeng Y, Alejandro R, Tzakis A, Carroll P, Rilo HLR, Venkataramanan R, Fung JJ, Bereiter D, Starzl TE. **Effect of FK506 on human pancreatic islets following renal subcapsular transplantation in diabetic nude mice**. Transplant Proc 24(3):1042, 1992.
191. Ricordi C, Zeng Y, Carr B, Carroll P, Rilo HLR, Demetris AJ, Alejandro R, Bereiter DR, Fung JJ, Tzakis A, Starzl TE. **Survival of human hepatocellular aggregates in athymic mice**. Transplant Proc 24(3):986, 1992.
192. Demetris AJ, Murase N, Nakamura K, Iwaki Y, Yagihashi A, Valdivia L, Todo S, Iwatsuki S, Takaya S, Fung JJ, Starzl TE. **Immunopathology of antibodies as effectors of orthotopic liver allograft rejection.** Seminars Liver Dis 12(1):51-59, 1992.
193. Jegasothy BV, Ackerman CD, Fung JJ, Abu-Elmagd K, Starzl TE. **FK506 - A new therapeutic agent for severe recalcitrant psoriasis**. Arch Dermatol 128(6):781-785, 1992.
194. Bontempo FA, Lewis JH, Marino IR, Doyle H, Todo S, Tzakis AJ, Fung JJ, Starzl TE. **Coagulation factor pattern in baboon-to-human liver transplant: acquisition of baboon pattern by recipient.** Blood 80(suppl):309a, 1992.
195. Casavilla A, Selby R, Abu-Elmagd K, Tzakis A, Todo S, Reyes J, Fung JJ, Starzl TE. **Logistics and technique for combined hepatic-intestinal retrieval**. Ann Surg 216(5):605-609, 1992.
196. Abu-Elmagd K, Selby R, Iwatsuki S, Fung JJ, Tzakis A, Todo S, Demetris AJ, Baddour N, Irish W, Van Thiel DH, Starzl TE. **Cholangiocarcinoma and sclerosing cholangitis: Clinical characteristics and effect on survival after liver transplantation**. Transplant Proc 25(1 Pt. 2):1124-1125, 1993.
197. Valdivia LA, Demetris AJ, Fung JJ, Celli S, Frye C, Murase N, Starzl TE. **Hamster-to-rat liver xenografts protect extrahepatic organs from rejection**. Transplant Proc 25(1 Pt. 1):414-415, 1993.
198. Starzl TE, Fung JJ, Tzakis A, Todo S, Demetris AJ, Marino IR, Doyle H, Zeevi A, Warty V, Michaels M, Kusne S, Rudert WA, Trucco M. **Baboon-to-human liver transplantation**. Lancet 341:65-71, 1993.
199. Fung JJ, Todo S, Abu-Elmagd K, Jain A, Tzakis A, Martin M, Selby R, Bronsther O, Doyle H, Gayowski T, Ramos H, Kishida A, Starzl TE. **A randomized trial in primary liver transplantation under immunosuppression with FK506 or cyclosporine**. Transplant Proc 25(1 Pt. 2):1130, 1993.
200. Alessiani M, Cillo U, Fung JJ, Irish W, Abu-Elmagd K, Jain A, Takaya S, Van Thiel DH, Starzl TE. **Adverse effects of FK506 overdosage after liver transplantation**. Transplant Proc 25(1 Pt. 1):628-634, 1993.
201. Celli S, Valdivia LA, Fung JJ, Demetris AJ, Marino IR, Murase N, Starzl TE. **Long-term survival of heart and liver xenografts with splenectomy and FK506**. Transplant Proc 25(1 Pt. 1):647-648, 1993.
202. Dahmen U, Sun H, Demetris AJ, Fung JJ, Duquesnoy RJ, Qian S. **Persistence of donor-reactive T cells after liver transplantation-induced tolerance in mice**. Transplant Proc 25(1 Pt. 1):334-335, 1993.
203. Qian S, Sun H, Demetris AJ, Fu F, Starzl TE, Fung JJ. **Liver graft induced donor specific unresponsiveness without Class I and/or Class II antigen differences**. Transplant Proc 25(1 Pt. 1):362-363, 1993.
204. Nakamura K, Nalesnik M, Jaffe R, Todo S, Tzakis A, Abu-Elmagd K, Reyes G, Wright H, Murase N, Van Thiel DH, Fung JJ, Starzl TE, Demetris AJ. **Morphological monitoring of human small bowel allografts**. Transplant Proc 25(1 Pt. 2):1212, 1993.
205. Nakamura K, Murase N, Becich MJ, Furuya T, Todo S, Fung JJ, Starzl TE, Demetris AJ. **Liver allograft rejection in sensitized recipients. Observations in a clinically relevant small animal model**. Am J Pathol 142(5):1383-1391, 1993.
206. Doyle H, Marino IR, Miro A, Scott V, Martin M, Fung JJ, Kramer D, Starzl TE. **Adult respiratory distress syndrome secondary to end-stage liver disease - successful outcome following liver transplantation**. Transplantation 55(2):292-296, 1993.
207. Shapiro R, Jordan ML, Scantlebury VP, Fung JJ, Jensen C, Vivas C, McCauley J, Irish WD, Mitchell S, Demetris AJ, Randhawa P, Jain A, Tzakis A, Hakala TR, Simmons RL, Starzl TE. **Randomized trial of FK506/prednisone vs. FK506/azathioprine/prednisone after renal transplantation: Preliminary report**. Transplant Proc 25(1 Pt. 1):669-672, 1993.
208. Conrad BGB, Wren SM, Thai NL, Wang SC, Ricordi C, Fung JJ, Ildstad ST.  **Xenoreactivity in mouse + rat to mouse chimeras**. Transplant Proc 25(1 Pt. 1):455-456, 1993.
209. Abu-Elmagd KM, Tzakis A, Todo S, Reyes J, Fung JJ, Nakamura K, Wright H, Furukawa H, Demetris AJ, Van Thiel DH, Starzl TE. **Monitoring and treatment of intestinal allograft rejection in humans**. Transplant Proc 25(1 Pt. 2):1202-1203, 1993.
210. Manez R, Kobayashi M, Takaya S, Bronsther O, Kramer D, Bonet H, Iwaki Y, Fung JJ, Demetris AJ, Starzl TE. **Humoral rejection associated with antidonor lymphocytotoxic antibodies following liver transplantation**. Transplant Proc 25(1 Pt. 2):888-890, 1993.
211. Jordan ML, Shapiro R, Vivas CA, Scantlebury VP, Darras FS, Carrieri G, McCauley J, Demetris AJ, Randhawa P, Jensen C, Hakala TR, Fung JJ, Starzl TE. **FK506 salvage of renal allografts with ongoing rejection failing cyclosporine immunosuppression**. Transplant Proc 25(1 Pt. 1):638-640, 1993.
212. Thomson AW, Woo J, Lemster B, Todo S, Fung JJ, Starzl TE. **Potentiation of the antiproliferative activity of brequinar sodium for murine lymphocytes by exogenous cytidine**. Transplant Proc 25(1 Pt. 1):704-705, 1993.
213. Zeevi A, Yao GZ, Venkataramanan R, Duquesnoy RJ, Todo S, Fung JJ, Starzl TE. **Comparative in vitro studies on the immunosuppressive effects of purine and pyrimidine synthesis inhibitors**. Transplant Proc 25(1 Pt. 1:781-783, 1993.
214. Thai NL, Wang SC, Valdivia LA, Celli S, Reilly MJ, Demetris AJ, Simmons RL, Starzl TE, Fung JJ. **Cytokine messenger RNA profiles in hamster-to-rat liver xenografts**. Transplant Proc 25(1 Pt. 1:444-445, 1993.
215. Tzakis AG, Todo S, Reyes J, Nour B, Fung JJ, Starzl TE. **Piggyback orthotopic intestinal transplantation**. Surg Gynecol Obstet 176(3):279-298, 1993.
216. Langer A, Valdivia LA, Murase N, Woo J, Celli S, Fung JJ, Starzl TE, Demetris AJ. **Humoral and cellular immunopathology of hepatic and cardiac hamster-into-rat xenograft rejection: Marked stimulation of IgM++bright/IgD+dull splenic B cells.** Am J Pathol 143(1):85-98, 1993.
217. Tzakis AG, Reyes J, Todo S, Nour B, Shapiro R, Jordan M, McCauley J, Armitage J, Fung JJ, Starzl TE. **Two year experience with FK506 in pediatric patients**. Transplant Proc 25(1 Pt. 1):619-621, 1993.
218. Reyes J, Tzakis AG, Todo S, Nour B, Casavilla A, Abu-Elmagd K, Fung JJ, Starzl TE. **Nutritional management of intestinal transplant recipients**. Transplant Proc 25(1 Pt. 2):1200-1201, 1993.
219. Todo S, Tzakis AG, Reyes J, Abu-Elmagd K, Casavilla A, Fung JJ, Starzl TE. **Intestinal transplantation in humans under FK506**. Transplant Proc 25(1 Pt. 2):1198-1199, 1993.
220. Kadry Z, Bronsther OL, Van Thiel DH, Randhawa P, Fung JJ, Starzl TE. **Kaposi's sarcoma in two primary liver allograft recipients occurring under FK506 immunosuppression.** Clin Transplant 7:188-194, 1993.
221. Mateo R, Demetris AJ, Sico E, Frye C, Wang L-F, El-Sakhawi Y, Reilly M, Ehrlich GD, Cooper D, Fung JJ. **Early detection of de novo hepatitis C infection in patients after liver transplantation by reverse transcriptase polymerase chain reaction**. Surgery 114(2):442-448, 1993.
222. Valdivia LA, Demetris AJ, Langer AM, Celli S, Fung JJ, Starzl TE. **Dendritic cell replacement in long-surviving liver and cardiac xenografts**. Transplantation 56(2):482-484, 1993.
223. Valdivia LA, Lewis JH, Celli S, Bontempo FA, Fung JJ, Demetris AJ, Starzl TE. **Hamster coagulation and serum proteins in rat recipients of hamster xenografts**. Transplantation 56(2):489-490, 1993
224. Shapiro R, McCauley J, Scantlebury V, Woods H, Irish W, McMichael J, Jordan M, Vivas C, Fung JJ, Starzl TE. **The effect of recipient race on waiting time for renal transplantation at the University of Pittsburgh.** Transplant Proc 25(4):2458-2459, 1993.
225. Abu-Elmagd KM, Malinchoc M, Dickson ER, Fung JJ, Murtaugh PA, Langworthy AL, Demetris AJ, Krom RAF, Van Thiel DH, Starzl TE. **Efficacy of hepatic transplantation in patients with primary sclerosing cholangitis.** Surgery 177(4):335-344, 1993.
226. Jain A, Venkataramanan R, Lever J, Warty V, Fung JJ, Todo S, Starzl TE. **FK506 and pregnancy in liver transplant patients**. Transplantation 56(6):1588-1589, 1993.
227. Nalesnik MA, Randhawa P, Demetris AJ, Casavilla A, Fung JJ, Locker J. **Lymphoma resembling Hodgkin Disease after posttransplant lymphoproliferative disorder in a liver transplant recipient.** Cancer 72(9):2568-2573, 1993.
228. McMichael J, Lieberman R, Doyle H, McCauley J, Van Thiel DH, Thomson A, Fung JJ, Starzl TE. **Computer-guided concentration-controlled trials in autoimmune disorders.** Therapeutic Drug Monitoring 15(6):510-513, 1993.
229. Starzl TE, Tzakis AG, Fung JJ, Todo S, Marino IR, Demetris AJ. **Human liver xenotransplantation.** Xeno 1:4-7, 1993.
230. Wren SM, Wang SC, Thai NL, Conrad B, Hoffman RA, Fung JJ, Simmons RL, Ildstad ST. **Evidence for early T helper 2 (TH2) T cell predominance in xenoreactivity**. Transplantation 56(4):905-911, 1993.
231. Abu-Elmagd K, Van Thiel DH, Jegasothy BV, Jacobs JC, Carroll P, Rodriguez-Rilo H, Ackerman CD, Fung JJ, Starzl TE. **Resolution of severe pyoderma gangrenosum in a patient with streaking leukocyte factor disease after treatment with tacrolimus (FK506).** Ann Int Med 119(1 Pt. 1):595-598, 1993.
232. Alessiani M, Cillo U, Fung JJ, Irish W, Abu-Elmagd K, Jain A, Takaya S, Van Thiel D, Starzl TE: **Adverse effects of FK506 overdosage after liver transplantation.** Transplant Proc 25(1 Pt 1):628-634, 1993.
233. Rao P, Bronsther OL, Pinna AD, Demetris AJ, Snyder J, Fung JJ, Starzl TE. **Prediction of early graft function by effluent levels of hyaluronic acid in clinical liver transplantation**. Transplant Proc 25(2):2141-2142, 1993.
234. Starzl TE, Demetris AJ, Trucco M, Murase N, Ricordi C, Ildstad S, Ramos H, Todo S, Tzakis AG, Fung JJ, Nalesnik M, Rudert WA, Kocova M. **Cell migration and chimerism after whole organ transplantation: The basis of graft acceptance**. Hepatology 17:1127-1152, 1993.
235. Starzl TE, Todo S, Tzakis A, Fung JJ. **The transplantation of gastrointestinal organs**. Gastroenterology 104:673-679, 1993.
236. Takaya S, Bronsther OL, Abu-Elmagd K, Fung JJ, Starzl TE. **The use of prostaglandin E1 in crossmatch negative liver transplant recipients treated with FK506**. Transplant Proc 25(3):2381-2385, 1993.
237. Todo S, Tzakis AG, Abu-Elmagd K, Reyes JD, Nakamura K, Casavilla A, Selby RR, Nour BM, Wright H, Fung JJ, Demetris AF, Van Thiel DH, Starzl TE. **Clinical intestinal transplantation.** Transplant Proc 25(3):2195-2197, 1993.
238. Valdivia LA, Demetris AJ, Fung JJ, Celli S, Murase N, Starzl TE. **Successful hamster-to-rat liver xenotransplantation under FK506 immunosuppression induces unresponsiveness to hamster heart and skin**. Transplantation 55(3):659-661, 1993.
239. Van Thiel DH, Carr BI, Iwatsuki S, Selby RR, Fung JJ, Starzl TE. **The 11-year Pittsburgh experience with liver transplantation for hepatocellular carcinoma**. J Surgical Oncology 3(suppl):78-82, 1993.
240. Woo J, Valdivia LA, Pan F, Celli S, Fung JJ, Thomson AW. **Cytidine potentiates the inhibitory effect of brequinar sodium on xeno-MLR, antibody production and concordant hamster to rat cardiac xenograft survival.** Ann NY Acad Sci 696:227-234, 1993.
241. Scantlebury V, McCauley J, Woods H, Shapiro R, Irish W, McMichael J, Jordan M, Vivas C, Fung JJ, Starzl TE. **Post-transplant hypertension in blacks versus non-blacks.** Transplant Proc 25(4):2456-2457, 1993.
242. McMichael J, Lieberman R, Doyle H, McCauley J, Fung JJ, Starzl TE. **An intelligent and cost effective computer dosing system for individualizing FK506 therapy in transplantation and autoimmune disorders.** J Clin Pharmacol 33(7):599-605, 1993.
243. Scott V, DeWolf A, Kang Y, Martin M, Selby R, Fung JJ, Doyle H, Ziady G, Paradis I, Miro A, Kramer D. **Reversibility of pulmonary hypertension after liver transplantation: a case report.** Transplant Proc 25(2):1789-1790, 1993.
244. Odocha O, McCauley J, Scantlebury V, Shapiro R, Carroll P, Jordan M, Vivas C, Fung JJ, Starzl TE: **Serum cholesterol levels in African Americans after renal transplantation under FK506 immunosuppression.** Transplant Proc 25(4):2435, 1993.
245. Warty V, Zuckerman S, Venkataramanan R, Lever J, Fung J, Starzl TE: **FK506 measurement: comparison of different analytical methods**. Ther Drug Monit 15(3):204-208, 1993.
246. Demetris AJ, Murase N, Fujisaki S, Fung JJ, Rao AS, Starzl TE: **Hematolymphoid cell trafficking, microchimerism, and GVHD reactions after liver, bone marrow, and heart transplantation**. Transplant Proc 25(6):3337-3344, 1993.
247. Jain A, Abu-Elmagd K, Abdallah H, Warty V, Fung JJ, Todo S, Starzl TE, Venkataramanan R. **Pharmacokinetics of FK506 in liver transplant recipients after continuous intravenous infusion**. J Clin Pharmacol 33(7):606-611, 1993.
248. Reynolds JA, Trellis DR, Abu-Elmagd K, Fung J: **The rationale for FK506 in inflammatory bowel disease.** Can J Gastroenterol 7(2):208-210, 1993.
249. Bellomo R, Harris C, Kang Y, Daniel E, Fung JJ, Bronsther O. **Combined veno-venous bypass and high volume hemofiltration during orthotopic liver transplantation**. ASAIO J. 39(4):954-6, 1993
250. Manez R, Kusne S, Linden P, Gonzalez-Pinto I, Bonet H, Kramer D, Fung JJ, Starzl TE. **Temporary withdrawal of immunosuppression for life-threatening infections after liver transplantation.** Transplantation 57(1):149-164, 1994.
251. Griffith BP, Bando K, Hardesty RL, Armitage JM, Keenan RJ, Paradis IL, Yousem SA, Komatsu K, Konishi H, Fung JJ, Starzl TE. **Prospective randomized trial of FK506 versus cyclosporine after human pulmonary transplantation**. Transplantation 57(6):848-851, 1994.
252. Jordan M, Shapiro R, Vivas C, Scantlebury VP, Rhandhawa P, Carrieri G, McCauley J, Demetris AJ, Tzakis AG, Fung JJ, Simmons RL, Hakala TR, Starzl TE. **FK506 "Rescue" for resistant rejection of renal allografts under primary cyclosporine immunosuppression.** Transplantation 57(6):860-865, 1994.
253. Valdivia LA, Fung JJ, Demetris AJ, Celli S, Pan F, Tsugita M, Starzl TE. **Donor species complement after liver xenotransplantation: Mechanism of protection from hyperacute rejection.** Transplantation 57(6):918-922, 1994.
254. Doyle HR, Marino IR, Jabbour N, Zetti G, McMichael J, Mitchell S, Fung JJ, Starzl TE. **Early death or retransplantation in adults after orthotopic liver transplantation: Can outcome be predicted?** Transplantation 57(7):1028-1036, 1994.
255. Fung JJ. **Xenotransplantation. Subhuman primates as donors.** Pathologie Biologie 42:(3):221-223, 1994.
256. Ricordi C, Rilo HR, Carroll P, Fontes P, Shapiro R, Tzakis AG, Alejandro R, Bebhoo R, Rastellini C, Fung JJ, Scantlebury VP, Starzl TE. **Human islet allograft follow-up: Long term islet function and over 3 years of insulin independence.** Transplant Proc 26(2):569, 1994.
257. Reyes J, Zeevi A, Ramos H, Tzakis AG, Todo S, Demetris AJ, Nour B, Nalesnik M, Trucco M, Abu-Elmagd K, Fung JJ, Starzl TE. **The frequent achievement of a drug free state after orthotopic liver transplantation.** Transplant Proc 25:3315-3319, 1994.
258. Tsugita M, Valdivia LA, Woo J, Demetris AJ, Celli S, Pan F, Frye C, Fung JJ. **The effect of splenectomy on cardiac and liver xenografts in the nude rate.** Transplant Proc 26(3):1210, 1994.
259. Saidman SL, Duquesnoy RJ, Demetris AJ, McCauley J, Ramos H, Mazariegos G, Shapiro R, Starzl TE, Fung JJ. **Combined liver-kidney transplantation and the effect of preformed lymphocytotoxic antibodies.** Transplant Immunol 2(6):61-67, 1994.
260. Qian S, Demetris AJ, Murase N, Rao AS, Fung JJ, Starzl TE. **Murine liver allograft transplantation: Tolerance and donor cell chimerism.**  Hepatology 19(4):916-924, 1994.
261. Patjin GA, Valdivia LA, Pan F, Frye C, Giorda R, Trucco M, Fung JJ. **A new xenogeneic radiation chimera (hamster to rat).** Transplantation 57(10):1528-1532, 1994.
262. Starzl TE, Tzakis A, Fung JJ, Todo S, Demetris AJ, Manez R, Marino IR, Valdivia L, Murase N. **Prospects of clinical xenotransplantation.** Transplant Proc 26(3):1082-1088, 1994
263. Woan MC, Murase N, Miyazawa H, Demetris AJ, Fung JJ, Starzl TE, **Destruction of endothelial cells by humoral factors obtained from recipients of xenografts.** Transplant Proc 26(3):1147-1148, 1994.
264. Celli S, Valdivia LA, Fung JJ, Kelly RH, Pan F, Tsugita M, Demetris AJ, Starzl TE. **Metabolic changes in the recipient after successful liver xenotransplantation in the rat.** Transplant Proc 26(3):1207, 1994.
265. Nardo B, Valdivia LA, Pan F, Celli S, Tsugita M, Demetris AJ, Fung JJ, Starzl TE. **Pretransplant xenogeneic blood transfusion combined with FK506 prolongs hamster-to-rat liver xenograft survival.** Transplant Proc 26(3):1208, 1994.
266. Pan F, Valdivia LA, Tsugita M, Celli S, Haeuchi K, Demetris AJ, Avci G, Fung JJ. **FK506 prolongs survival of liver but not heart mouse-to-rat vascularized xenografts.** Transplant Proc 26(3):1211, 1994.
267. Valdivia LA, Fung JJ, Demetris AJ, Celli S, Pan F, Tsugita M, Starzl TE. **Complement and target cells belong to the same species after liver xenografting: Protections from hyperacute rejection.** Transplant Proc 26(3):1255, 1994.
268. Catena M, Woo J, Valdivia LA, Celli S, Pan F, Fung JJ, Starzl TE, Thomson. **Cytidine potentiates the inhibitory effect of Brequinar sodium on concordant cardiac xenograft rejection.** Transplant Proc 26(3):1288-1289, 1994.
269. Ricordi C, Tzakis AG, Rybka WB, P Fontes, Ball ED, Trucco M, Kocova M, Triulzi D, McMichael, Doyle H, Gupta P, Fung JJ, Starzl TE. **Xenotransplantation of hematopoietic cells resistant to HIV as a potential treatment for patients with AIDS.** Transplant Proc 26(3):1302-1303, 1994.
270. Todo S, Tzakis AG, Reyes J, Abu-Elmagd K, Furukawa H, Nour B, Kadry Z, Fung JJ, Starzl TE. **Intestinal transplantation at the University of Pittsburgh.** Transplant Proc 26(3):14091410.
271. Abu-Elmagd K, Todo S, Tzakis AG, Furukawa H, Nour B, Reyes J, Nakamura K, Scotti-Foglieni C, El-Hammadi H, Kadry J, Fung JJ, Demetris AJ, Starzl TE. **Rejection of human intestinal allografts: Alone or in combination with the liver.** Transplant Proc 26(3):1430-1431, 1994.
272. Staschak-Chicko S, Altieri K, Funovits M, Kovalak J, Reyes J, Nour B, Bronsther O, Tzakis AG, Fung JJ, Todo S, Starzl TE. **Eating difficulties in the pediatric small bowel recipient: The role of the nutritional management team.** Transplant Proc 26(3):1434-1435, 1994.
273. Furukawa H, Casavilla A, Abu-Elmagd K, Reyes J, Nour B, Kadry Z, Tzakis AG, Todo S, Fung JJ, Starzl TE. **Basic considerations for the procurement of intestinal grafts.** Transplant Proc 26(3):1470, 1994.
274. Kadry Z, Furukawa H, Abu-Elmagd K, Manez R, Venkataramanan R, Tzakis AG, Reyes J, Nour B, Fung JJ, Todo S, Starzl TE. **Use of the D-Xylose absorption test in monitoring intestinal allografts.** Transplant Proc 26(3):1645, 1994.
275. Abu-Elmagd K, Todo S, Tzakis AG, Furukawa H, Bonet H, Mohammed H, Nour B, Reyes J, Green M, Manez R, Pasculle W, Fung JJ, Starzl TE. **Intestinal transplantation and bacterial over growth in humans.** Transplant Proc 26(3):1684-1685, 1994.
276. Dahmen U, Qian S, Rao AS, Demetris AJ, Fu F, Sun H, Gao L, Fung JJ, Starzl TE. **Split tolerance induced by orthotopic liver transplantation in mice.** Transplantation 58(1):1-8, 1994.
277. Pappo O, Yunis E, Jordan JA, Jaffe R, Mateo R, Fung JJ, Demetris AJ. **Recurrent and de novo giant cell hepatitis after orthotopic liver transplantation.** Am J Surg Pathol 18(8):804-813, 1994.
278. Matsumoto K, Fuji I, Michalopoulos G, Fung JJ, Demetris AJ. **Human biliary epithelial cells secrete and respond to cytokines and hepatocyte factors in vitro: Interleukin-6, hepatocyte growth factor and epidermal growth factor promote DNA synthesis in vitro.** Hepatology 20(2):376-382, 1994.
279. Eghtesad B, Bronsther OL, Irish W, Casavilla A, Abu-Elmagd K, Thiel DV, Tzakis A, Fung JJ, Starzl TE. **Disease gravity and urgency of need as guidelines for liver allocation.** Hepatology 20(1 pt 2):56S-62S, 1994.
280. Patijin GA, Valdivia LA, Pan F, Frye C, Giorda R, Trucco M, Fung JJ. **A new xenogeneic radiation chimera (hamster-to-rat)**. Transplantation 57(10):1528-1532, 1994.
281. Starzl TE, Valdivia LA, Murase N, Demetris AJ, Fontes PA, Rao AS, Manez R, Marino I, Todo S, Thomas A, Fung JJ. **The biologic basis of and strategies for clinical xenotransplantation.** Immunol Reviews 141:213-244, 1994.
282. Fontes P, Rao AS, Demetris AJ, Zeevi A, Trucco M, Carroll PB, Rybka W, Ricordi C, Dodson F, Shapiro R, Tzakis AG, Todo S, Abu-Elmagd K, Jordan M, Fung JJ, Starzl TE. **Bone marrow augmentation of donor-cell chimerism in kidney, liver, heart, and pancreas islet transplantation.** Lancet 344(8916):151-155, 1994.
283. Abu-Elmagd K, Todo S, Tzakis AG, Reyes J, Nour B, Furukawa H, Fung JJ, Demetris AJ, Starzl TE. **Three years clinical experience with intestinal transplantation.** J Am Coll Surg 179:385-400, 1994.
284. Tsugita M, Valdivia LA, Demetris AJ, Pan F, Celli S, Fung JJ, Sung H, Starzl TE: **Hepatocyte or liver nonparenchymal cells plus FK506 prolong liver xenograft survival.** Transplant Proc 26(6):3371, 1994.
285. Grossi P, Gasperina D, Spada M, Alessiani M, Marone P, Fung J: **Infectious complications in experimental small bowel transplantation.** Transplant Proc 26(3):1689, 1994.
286. Nour B, Reyes J, Tzakis A, Todo S, Kocoshis S, Abu-Elmagd K, Furukawa H, Kadry Z, Fung J: **Intestinal transplantation with or without other abdominal organs: nutritional and dietary management of 50 patients.** Transplant Proc 26(3):1432-1433, 1994.
287. Todo S, Fung JJ, Starzl TE, Tzakis A, Doyle H, Abu-Elmagd K, Jain A, Selby R, Bronsther O, March W, Ramos H, Reyes J, Gayowski T, Casavilla A, Dodson F, Furukawa H, Marino I, Pinna A, Nour B, Jabbour N, Mazariegos G, McMichael J, Kusne S, Venkataramanan R, Warty V, Murase N, Demetris AJ, Iwatsuki S. **Single center experience with primary orthotopic liver transplantation under FK506 immunosuppressive.** Ann Surg 220(3):297-309, 1994.
288. Starzl TE, Murase N, Tzakis AG, Fung JJ, Todo S, Demetris AJ, Manez R, Marino IR, Valdivia LA. **Clinical xenotransplantation.** Xenotransplantation 1:3-7, 1994.
289. Fung JJ, Starzl TE. **FK506 in solid organ transplantation.** Transplant Proc 26(5):3017-3020, 1994.
290. Shapiro R, Jordan M, Scantlebury V, Vivas C, Fung JJ, McCauley J, Tzakis A, Randhawa P, Demetris AJ, Irish W, Mitchell S, Jensen C, Jain A, Hakala T, Simmons RL, Starzl TE. **A prospective, randomized trial of FK506 in renal transplantation - A comparison between double and triple drug therapy.** Clin Transplant 8(6):508-515, 1994.
291. Lemster B, Huang LL, Irish W, Woo J, Carroll PB, Abu-Elmagd K, Rilo HR, Johnson N, Russell-Hall R, Fung JJ, Starzl TE, Eidelman B, Thomson AW. **Influence of FK506 (Tacrolimus) on circulating CD4+** **T cells expressing CD25 and CD45RA antigens in 19 patients with chronic progressive multiple sclerosis participating in an open label drug safety trial.** Autoimmunity 19(2):89-98, 1994.
292. Bronsther OL, Fung JJ, Tzakis AG, Van Thiel D, Starzl TE. **Prioritization and organ distribution for liver transplantation.** JAMA 271(2):140-143, 1994.
293. Rao AS, Fontes P, Zeevi A, Massimo T, Shapiro R, Demetris AJ, Tzakis A, Carroll PB, Rudert WA, Dodson F, Rybka W, Scantlebury V, Rohal S, Ricordi C, Fung JJ, Starzl TE. **Combined bone marrow and whole organ transplantation from the same donor.** Transplant Proc 26(6):3377-3378, 1994.
294. Martin M, Mañez R, Linden P, Estores D, Torre-Cisneros J, Kusne S, Ondick L, Ptachcinski R, Irish W, Kisor D, Felser I, Rinaldo C, Stieber An, Fung JJ, Ho M, Simmons R, Starzl TE. **A prospective randomized trial comparing sequential ganciclovir-high dose acyclovir to high dose acyclovir for prevention of cytomegalovirus disease in adult liver transplant.** Transplantation 58(7):779-785, 1994.
295. Todo S, Tzakis A, Reyes J, Abu-Elmagd K, Furukawa H, Nour B, Casavilla A, Nakamura K, Fung JJ, Demetris AJ, Starzl TE. **Small intestinal transplantation in humans with or without the colon.** Transplantation 57(6):840-848, 1994.
296. Ricordi C, Tzakis AG, Hung S, Rybka V, Fontes P, Michaels M, Ball E, Trucco, Kocova M, Triulzi D, McMichael J, Doyle H, Gupta P, Fung JJ, Starzl TE. **Xenotransplantation of hematopoietic cells resistant to HIV as a potential treatment for patients with AIDS.** Transplant Proc 26(3):1302-1303, 1994.
297. Fontes P, Rao AS, Ricordi C, Zeevi A, Kocova M, Rybka W, Ukah F, Mullen E, Vasko C, Trucco M, Demetris AJ, Fung JJ, Starzl TE. **Human to baboon bone marrow transplantation after conditioning with non-lethal irradiation.** Transplant Proc 26(6):3367-3368, 1994.
298. Doyle HR, Dvorchik I, Mitchell S, Marino IR, Ebert FH, McMichael J, Fung JJ, Starzl TE. **Predicting outcome after liver transplantation: a connectionist approach.** Ann Surg 219(4):408-415, 1994.
299. Greif F, Bronsther OL, Van Thiel DH, Casavilla A, Iwatsuki S, Tzakis A, Todo S, Fung, JJ, Starzl TE. **The incidence, timing, and management of biliary tract complications after orthotopic liver transplantation.** Ann Surg 219(1):40-45, 1994.
300. Tanabe M, Murase N, Demetris AJ, Hoffman RA, Nakamura K, Fujisaki S, Galvao FHF, Todo S, Fung J, Starzl TE: **The influence of donor and recipient strains in isolated small bowel transplantation in rats.** Transplant Proc 26(6):3733-3740, 1994.
301. Rao AS, Demetris AJ, Qian S, Murase N, Li Y, Fung JJ, Starzl TE. **Interferon-g induced expression of MHC antigens facilitates identification of donor cells in chimeric transplant recipients.** Cell Transplant 3(4):345-348, 1994.
302. Mercer D, Tang M, Marino IR, Demetris A, Fung JJ, Starzl T, Warty V: **Changes in biliary (high-molecular-mass) and liver isoforms of alkaline phosphatase after baboon-to-human liver transplantation.** Transplant Pro 40(7 Pt. 1):1335-1339, 1994.
303. Carroll PB, Fontes P, Rao AS, Ricordi C, Rilo H, Zeevi A, Massimo T, Shapiro R, Rybka W, Scantlebury B, Dodson F, Tzakis A, Rudert W, Behboo R, Karatzas T, Khan R, Demetris AJ, Flohr J, Fung JJ, Starzl TE. **Simultaneous solid organ bone marrow and islet allotransplantation in type I diabetic patients.** Transplant Proc 26(6):3523-3524, 1994.
304. Shapiro R, Jordan M, Scantlebury VP, Vivas C, Gritsch A, Rao AS, Trucco M, Zeevi A, Demetris AJ, Randhawa P, Corry RJ, Egidi F, Rilo H, Ricordi C, Carroll P, Tzakis A, McCauley J, Ellis D, Giboa N, Irish W, Mitchell S, Fung JJ, Hakala TR, Simmons RL, Starzl TE**: Renal transplantation at the University of Pittsburgh: The impact of FK506.** Clin Transplants 229-236, 1994.
305. Starzl TE, Rao AS, Trucco M, Fontes P, Fung JJ, Demetris AJ. **Explanation for loss of the HLA matching effect**. Transplant Proc 27(1):57-60, 1995.
306. Demetris AJ, Murase N, Delaney CP, Woan M, Fung JJ, Starzl TE. **The liver allograft, chronic (ductopenic) rejection, and microchimerism: What can they teach us?** Transplant Proc 27(1):67-70, 1995.
307. Lu L, Rudert WA, Noyola H, Qian S, Fu F, Li Y, Rao AS, Demetris AJ, Fung JJ, Trucco M, Starzl TE, Thomson AW. **Propagation of cells expressing donor phenotype (MHC Class I, II and Y-chromosome) from the bone marrow of murine liver allograft recipients in response to GM-CSF in vitro**. Transplant Proc 27(1):191-193, 1995.
308. Mazariegos GV, Ramos H, Shapiro R, Zeevi A, Fung JJ, Starzl TE. **Weaning of immunosuppression in long-term recipients of living related renal transplants: A preliminary study**. Transplant Proc 27(1):207-209, 1995.
309. Rao AS, Fontes P, Zeevi A, Trucco M, Dodson FS, Rybka WB, Shapiro R, Jordan M, Pham SM, Rilo HL, Seskey T, Todo S, Scantlebury V, Vivas C, Demetris AJ, Fung JJ, Starzl TE. **Augmentation of chimerism in whole organ recipients by simultaneous infusion of donor bone marrow cells**. Transplant Proc 27(1):210-212, 1995.
310. Zeevi A, Pavlick M, Lombardozzi S, Banas R, Rao AS, Fontes P, Demetris AJ, Shapiro R, Jordan M, Dodson F, Pham S, Trucco M, Fung J, Starzl TE. **Serial evaluation of immune profiles of simultaneous bone marrow and whole organ transplant recipients**. Transplant Proc 27(1):213-215, 1995.
311. Valdivia LA, Pan F, Tsugita M, Demetris AJ, Celli S, Sun H, Fung JJ, Starzl TE. **The protection from humoral rejection given by a liver xenograft is species-specific and non-MHC restricted**. Transplant Proc 27(1):270, 1995.
312. Tsugita M, Valdivia LA, Celli S, Pan F, Sun H, Demetris AJ, Fung JJ, Starzl TE. **Prevention of sensitization and hyperacute rejection in liver and heart xenografts by FK506 plus donor antigens**. Transplant Proc 27(1):277, 1995.
313. Celli S, Valdivia LA, Kelly RH, Sun H, Tsugita M, Pan F, Rao AS, Demetris AJ, Fung JJ, Starzl TE. **Mechanisms of protection from humoral rejection by a xenografted liver**. Transplant Proc 27(1):300-302, 1995.
314. Qian S, Fu F, Li Y, Gao L, Lu L, Noyola H, Rao AS, Thomson AW, Demetris AJ, Starzl TE, Fung JJ. **The use of MHC Class I or Class II "knock out" mice to investigate the role of these antigens in allosensitization**. Transplant Proc 27(1):475-476, 1995.
315. Karatzas T, Strumph P, Ionelle J, Strom S, Michalopoulos G, Fung JJ, Carroll PB: **Short exposure to hepatocyte growth factor stimulates adult human pancreatic beta-cell proliferation.** Transplant Proc 27(6):3269, 1995.
316. Dahmen U, Sun H, Li Y, Fu F, Demetris AJ, Starzl TE, Qian S, Fung JJ. **The role of antibodies in liver graft-induced tolerance in mice: Passive transfer of serum and effect of recipient B-cell depletion**. Transplant Proc 27(1):511-512, 1995.
317. Woo J, Lu L, Fu F, Fung JJ, Qian S, Thomson AW. **Suppression of alloreactive T-cell activation by murine liver F4/80+ accessory cells and kinetics of intrahepatic F4/80+ cells following liver transplantation**. Transplant Proc 27(1):520-521, 1995.
318. Casavilla A, Ramirez C, Shapiro R, Nghiem D, Miracle K, Fung JJ, Starzl TE. **Liver and kidney transplantation from non-heart beating Donors: The Pittsburgh experience**. Transplant Proc 27(1):710-712, 1995.
319. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Fung JJ, McCauley J, Randhawa P, Demetris AJ, Irish W, Jain A, Mitchell S, Hakala TR, Simmons RL, Starzl TE. **A prospective, randomized trial of FK506/ Prednisone vs. FK506/Azathioprine/Prednisone in renal transplant patients**. Transplant Proc 27(1):814-817, 1995.
320. Jain AB, Fung JJ, Todo S, Reyes J, Selby R, Irish W, Doyle H, Abu-Elmagd K, Casavilla A, Nour B, Bronsther O, Jabbour N, Pinna A, Dodson F, Ramos H, McMichael JJ, McCauley J, Tzakis AG, Marino I, Marsh W, Venkataramanan R, Iwatsuki S, Starzl TE. **One thousand consecutive primary orthotopic liver transplants under FK506: Survival and adverse events**. Transplant Proc 27(1):1099-1104, 1995.
321. Marino IR, Doyle HR, Doria C, Aldrighetti L, Gayowski T, Scott-Foglieni C, Furukawa H, Fung JJ, Tzakis AG, Starzl TE. **Outcome of liver transplantation using donors 60 to 79 years of age.** Transplant Proc 27(1):1184-1185, 1995.
322. Wu T-T, Swerdlow S, Locker J, Randhawa PS, Yunis E, Reyes J, Fung JJ, Starzl TE, Nalesnik MA. **Pathologic analysis of recurrent posttransplant lymphoproliferative disorders**. Transplant Proc 27(1):1193-1194, 1995.
323. Takaya S, Doyle H, Todo S, Irish W, Fung JJ, Starzl TE. **Reduction of primary nonfunction with Prostaglandin E1 after clinical liver transplantation**. Transplant Proc 27(2):1862-1867, 1995.
324. Ramos HC, Reyes J, Abu-Elmagd K, Zeevi A, Reinsmoen N, Tzakis A, Demetris AJ, Fung JJ, Flynn B, McMichael J, Ebert F, Starzl TE. **Weaning of immunosuppression in long-term liver transplant recipients.** Transplantation, 59(2):212-217, 1995.
325. Todo S, Tzakis A, Abu-Elmagd K, Reyes J, Furukawa H, Nour B, Fung JJ, Demetris A, Starzl TE. **Abdominal multivisceral transplantation.** Transplantation 59(2):234-240, 1995.
326. Thai NL, Fu F, Qian S, Sun H, Gao L, Wang SC, Demetris AJ, Woo J, Thomson AW, Duquesnoy RJ, Fung JJ. **Cytokine mRNA profiles in murine orthotopic liver transplantation: graft rejection is associated with augmented Th1 function.** Transplantation 59(2):274-281, 1995.
327. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Fung JJ, McCauley J, Randhawa P, Demetris AJ, Irish W, Mitchell S, Hakala TR, Simmons RL, Starzl TE. **A prospective randomized trial of FK506-based immunosuppression after renal transplantation**. Transplantation 59(4):485-490, 1995.
328. Thomson AW, Lu L, Subbotin VM, Li Y, Qian S, Rao AS, Fung JJ, Starzl TE. **In vitro propagation and homing of liver-derived dendritic cell progenitors to lymphoid tissues of allogeneic recipients**. Transplantation 59:554-551, 1995.
329. Zeevi A, Pavlick M, Lombardozzi S, Banas R, Pappo O, Rao AS, Fontes P, Demetris J, Shapiro R, Dodson F, Trucco M, Carroll P, Pham S, Fung JJ, Starzl TE. **Immune status of recipients following bone marrow-augmented solid organ transplantation**. Transplantation 59:(4)616-620, 1995.
330. Manez R, Kusne S, Green M, Abu-Elmagd K, Irish W, Reyes J, Furukawa H, Tzakis A, Fung JJ, Todo S, Starzl TE. **Incidence and risk factors associated with the development of cytomegalovirus disease after intestinal transplantation.** Transplantation 59(7):1010-1014, 1995.
331. Chen-Woan M, Delaney CP, Fournier V, Wakizaka Y, Murase N, Fung J, Starzl TE, Demetris AJ. **A new protocol for the propagation of dendritic cells from rat bone marrow using recombinant murine GM-CSF, and their quantification using the mAb, OX-62.** J Immunol Method 178(2):157-171, 1995.
332. Celli S, Valdivia LA, Kelly RH, Demetris AJ, Fung JJ, Rao AS, Pan F, Tsugita M, Starzl TE. **Functional cooperation of xenoproteins after hamster-to-rat liver transplantation: With particular reference to hamster C3 and secretory component for rat IgA**. Xenotransplantation 2:46-51, 1995.
333. Doyle HR, Parmanto B, Munro PW, Marino IR, Aldrighetti, Doria C, McMichael J, Fung JJ. **Building clinical classifiers using incomplete observations - A neural network ensemble for hepatoma detection in patients with cirrhosis.** Meth Inform Med 34(3):253-258, 1995.
334. Warty V, Zuckerman S, Venkataramanan R, Lever J, Chao J, Mckaveney T, Fung J, Starzl T. **Tacrolimus analysis: A comparison of different methods and matrices.** Therap Drug Monit 17(2):159-167, 1995.
335. Manez R, Kelly RH, Kobayashi M, Takaya S, Bronsther S, Kramer D, Duquesnoy RJ, Iwaki Y, Fung JJ, Starzl TE, Demetris AJ. **Immunoglobulin G lymphocytotoxic antibodies in clinical liver transplantation: Studies toward further defining their significance**. Hepatology 21(5):1345-1352, 1995.
336. Todo S, Tzakis A, Reyes J, Abu-Elmagd K, Furukawa H, Fung J, Starzl TE. **Intestinal transplantation: 4-year experience.** Transplant Proc 27(1):1355-1356, 1995.
337. Krokos NV, Karavias D, Tzakis A, Tepetes K, Ramos E, Todo S, Fung JJ, Starzl TE. **Acute pancreatitis after liver transplantation: incidence and contributing factors.** Transplant Int 8(1):1-7, 1995.
338. Orons PD, Zajko AB, Bron KM, Trecha GT, Selby RR, Fung JJ: **Hepatic artery angioplasty after liver transplantation: Experience in 21 allografts.** J Vasc and Interventional Radiol 6(4):523-529, 1995.
339. Murase N, Starzl TE, Tanabe M, Fujisaki S, Miyazawa H, Qian YE, Delaney CP, Fung JJ, Demetris AJ. **Variable chimerism, graft versus host disease, and tolerance after different kinds of cell and whole organ transplantation from Lewis to Brown-Norway Rats.** Transplantation 60(2):158-170, 1995.
340. Thai NL, Qian S, Fu F, Youping L, Sun H, Demetris AJ, Duquesnoy RJ, Starzl TE, Fung JJ. **Mouse liver transplantation tolerance: The role of hepatocytes and non-parenchymal cells.** Transplant Proc 27(1):509-510, 1995.
341. Pappo O, Ramos H, Starzl TE, Fung JJ, Demetris AJ.  **Structural integrity and identification of causes of liver allograft dysfunction occurring more than 5 years after transplantation.** Am J Surg Path 19(2):192-206, 1995.
342. Fung JJ. **Bone marrow augmentation in solid organ transplantation-Any conclusions?** Hepatology 21(1):260-1, 1995.
343. Alessiani M, Tzakis A, Todo S, Demetris AJ, Fung JJ, Starzl TE. **Assessment of 5-year experience with abdominal organ cluster transplantation.** J Am Coll Surg 180(1):1-9, 1995.
344. International Working Party: **Terminology for hepatic allograft rejection.** (Special Article) Hepatology 22(2):648-654, 1995.
345. Lanford RE, Michaels MG, Chavez D, Brasky K, Fung J, Starzl TE. **Persistence of extrahepatic hepatitis B virus DNA in the absence of detectable hepatic replication in patients with baboon liver transplants**. J Med Virol 46(3):207-212, 1995.
346. Fung JJ, Eghtesad B, Todo S, Rakela J, Magnone M, Starzl TE. **Hepatitis B virus (HBV) re-infection following liver transplantation:**  **theory and practice.** Clin Transplant 9(3 Pt. 2):262-268, 1995.
347. Jain AB, Pinna A, Fung JJ, Warty V, Singhal AK, Lever J, Venkataramanan R. **Capillary blood versus arterial or venous blood for Tacrolimus monitoring in clinical transplantation**. Transplantation 60(5):512-514, 1995.
348. Qian S, Fu F, Li Y, Gao L, Lu L, Noyola H, Rao AS, Thomson AW, Fung JJ. **Presensitization by skin grafting from major histocompatibility complex class I or major histocompatibility complex class II deficient mice identifies class I antigens as inducers of allosensitization.** Immunology 85(1):82-87, 1995.
349. Dahmen U, Bergese SD, Qian S, Pelletier RP, Wu H, Sedmak DD, Fung JJ, Orosz CG. **Patterns of inflammatory vascular endothelial changes in murine liver grafts**. Transplantation 60(6):577-584, 1995.
350. Kusne S, Pappo O, Manez R, Pazin G, Carpenter B, Fung JJ, Starzl TE. **Varicella-zoster virus hepatitis and a suggested management plan for prevention of VZV infection in adult liver transplant recipients.** Transplantation 60(6):619-621, 1995.
351. Fung JJ, Starzl TE: **FK506 in solid organ transplantation.** Ther Drug Monit 17(6):592-595, 1995.
352. Jusko WJ, Thomson AW, Fung J, McMaster P, Wong SH, Zylber-Katz E, Christians U, Wingler M, Fitzsimmons WE, Lieberman R, McBride J, Kobayashi M, Warty V, Soldin SJ: **Consensus document: Therapeutic monitoring of tacrolimus (FK506).**  Ther Drug Mon 17(6):606-614, 1995.
353. Madariaga JR, Marino IR, Karavias DD, Nalesnik MA, Doyle HR, Iwatsuki S, Fung JJ, Starzl TE: **Long-term results after liver transplantation for primary hepatic epithelioid hemangioendothelioma.** Ann Surg Oncology 2(6):483-487, 1995.
354. Marino IR, Doyle HR, Todo S, Fung JJ, Starzl TE. **Effect of donor age and sex on the outcome of liver transplantation.** Hepatology 22(6):1754-1762, 1995.
355. Rao AS, Fontes P, Zeevi A, Rugeles M, Shapiro R, Jordan M, Corry R, Dodson F, Rilo HLR, Rastellini C, Aitouche A, Rosner G, Trucco M, Demetris AJ, Fung JJ, Starzl TE. **Enhancement of donor cell chimerism in whole organ allograft recipients by adjuvant bone marrow transplantation.** Transplant Proc 27(6):3387-3388, 1995.
356. Pham SM, Keenan RJ, Rao AS, Fontes PA, Kormos RL, Abu-Elmagd K, Zeevi A, Hattler BG, Hardesty RL, Demetris AJ, Trucco M, Rosner G, Fung JJ, Starzl TE, Griffith BP. **Perioperative donor bone marrow infusion augments chimerism in heart and lung transplant recipients**. Ann Thorac Surg 60(4):1015-1020, 1995.
357. Rilo HLR, Carroll PB, Shapiro R, Jordan M, Scantlebury V, Rastellini C, Fontes P, Alejandro R, Mintz DH, Fung JJ, Ricordi C, Starzl TE, Rao AS**: Human islet transplantation: Results of the first 37 patients**. Transplant Proc 27(6):3162-2163, 1995.
358. Corry RJ, Egidi MF, Shapiro R, Jordan M, Vivas C, Scantlebury V, Gritsch A, Sugitani A, Fung J, Starzl TE. **Enteric drainage of pancreas transplants revisited.** Transplant Proc 27(6):3048-3049, 1995.
359. Lu L, Rudert WA, Qian S, McCaslin D, Fu F, Rao AS, Trucco M, Fung JJ, Starzl TE, Thomson AW: **Growth of donor-derived dendritic cells from the bone marrow of murine liver allograft recipients in response to granulocyte/macrophage colony-stimulating factor.** J Exp Med, 182(1):379-387, 1995.
360. Egidi MF, Shapiro R, Khanna A, Fung JJ, Corry RJ: **Fine-needle aspiration biopsy in pancreatic transplantation.** Transplant Proc 27(6):3055-3056, 1995.
361. Starzl TE, Murase N, Thomson A, Demetris AJ, Qian S, Rao AS, Fung JJ: **The bidirectional paradigm of transplant immunology.** Ann New York Academy Sci 770:165-177, 1995.
362. Madariaga JR, Nalesnik MA, Todo S, Iwatsuki S, Starzl TE: **Spindle cell tumor of the portal vein.** J Surg Oncol 59(2):139-141, 1995.
363. Abu-Elmagd, K, Fung J, Todo S, Rao A, Reyes J, Mazariegos G, Fontes P, McMichael J, Furukawa H, Dodson F, Jain A, Pinna A, Marsh W, Marino I, Gayowski T, Doyle H, Madariaga J, Casavilla A, Demetris J, Corry R, Rakela J, Iwatsuki S, Starzl TE: **The current status of hepatic transplantation at the University of Pittsburgh**. In: Clinical Transplants 1995 (P Terasaki, F Cecka, eds), UCLA Tissue Typing Laboratory, Los Angeles, CA, 1995:145-170.
364. Starzl TE, Donner A, Eliasziw M, Stitt L, Meier P, Fung JJ, McMichael JP, Todo S. **Randomized trialomania?: The multicentre liver transplant trials of tacrolimus**. Lancet 346(8986):1346-1350, 1995.
365. Fung JJ, Rakela J, Pinna A, Todo S: **Liver transplantation for hepatitis B**: **What have we learned and what does the future hold**? Liver Transpl Surg 1(4):274-280, 1995.
366. [Casavilla A, Ramirez C, Shapiro R, Nghiem D, Miracle K, Bronsther O, Randhawa P, Broznick B, Fung JJ, Starzl T.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7839441&query_hl=1&itool=pubmed_docsum): **Experience with liver and kidney allografts from non-heart-beating donors.** Transplantation. 1995 Jan 27;59(2):197-203
367. Nieto-Rodriguez J, Kusne S, Manez R, Irish W, Linden P, Magnone M, Wing EJ, Fung JJ, Starzl TE: **Factors associated with the development of candidemia and candidemia-related death among liver transplant recipients.** Ann Surg 223(1):70-76, 1996.
368. Jabbour N, Reyes J, Kusne S, Martin M, Fung J: **Cryptococcal meningitis after liver transplantation.** Transplantation 61(1):146-149, 1996.
369. Michaels MG, Lanford R, Demetris AJ, Chavez D, Brasky K, Fung J, Starzl TE:  **Lack of susceptibility of baboons to infection with hepatitis B virus**. Transplantation 61(3):350-351, 1996.
370. Casavilla A, Mazariegos G, Fung JJ: **Cadaveric liver donors: What are the limits?** Transplant Proc 28(1):21-23, 1996.
371. Chen-Woan M, Delaney CP, Fournier V, Wakizaka Y, Moliterno R, Murase N, Fung J, Starzl TE, Demetris AJ. **In vitro characterization of rat bone marrow derived dendritic cells and their precursors.** J Leukocyte Biol 59(2):296-207, 1996.
372. Fu F, Thai NL, Li Y, Lu L, Thomson AW, Fung JJ, Qian S: **“Second-set” rejection of mouse liver allografts is dependent on radiation-sensitive non-parenchymal cells of graft bone marrow origin.** Transplantation 61(8):1228-1233, 1996.
373. Linden PK, Pasculle AW, Manez R, Kramer DJ, Fung JJ, Pinna AD, Kusne S: **Differences in outcomes for patients with bacteremia due to vancomycin-resistant enterococcus faecium or vancomycin-susceptible E. faecium.** Clin Infect Dis 22(4):663-670, 1996.
374. Gayowski TJ, Marino IR, Doyle HR, Echeverri L, Todo S, Wagener M, Singh N, Yu V, Fung JJ, Starzl TE. **A high incidence of native portal vein thrombosis in Veterans undergoing liver transplantation.** J Surg Res 60(2):333-338, 1996.
375. Jain AB, Fung JJ. **Cyclosporine and Tacrolimus in clinical transplantation: A comparative review**. Clin Immunother (5):351-373, 1996.
376. Sun H, Wakizaka Y, Rao AS, Pan F, Madariaga J, Yark IY, Celli S, Fung JJ, Starzl TE, Valdivia LA: U**se of MHC class I or class II “knock out” mice to delineate the role of these molecules in the acceptance/rejection of xenografts.** Transplant Proc 28(2):732, 1996.
377. Shapiro R, Rao AS, Phil D, Fontes P, Zeevi A, Jordan M, Scantlebury VP, Vivas C, Gritsch A, Corry RJ, Egidi F, Rugeles MT, Rilo H, Aitouche A, Demetris AJ, Rosner G, Trucco M, Rybka W, Irish W, Fung JJ, Starzl TE. **Combined kidney/bone marrow transplantation.** Dialysis & Transplantation 25(5):282, 287, 1996.
378. Tsugita M, Rao AS, Sun H, Wakizaka Y, Madariaga J, Pan F, Demetris AJ, Fung JJ, Starzl TE, Valdivia LA: **Pretreatment of recipients (nude rat) with donor antigens leads to prolonged survival of hamster heart xenografts.** Transplant Proc 28(2):696-697, 1996.
379. Valdivia LA, Murase N, Rao AS, Rice G, Singer JW, Sun H, Todo S, Pan F, Subbotin V, Fung JJ, Starzl TE: **Perioperative treatment with phosphatidic acid inhibitor (lisofylline) leads to prolonged survival of hearts in the guinea pig→ rat xenotransplant model.** Transplant Proc 29(2):738-739, 1996.
380. Wakizaka Y, Pan F, Rao AS, Celli S, Sun H, Miki T, Demetris AJ, Fung JJ, Starzl TE, Valdivia LA: **Xenotransplantation of hamster liver into Gunn rats reverses congenital hyperbilirubinemia.** Transplant Proc 28(2):735, 1996.
381. Valdivia LA, Sun H, Rao AS, Tsugita M, Pan F, Wakizaka Y, Miki T, Demetris AJ, Fung JJ, Starzl TE: **Prolonged survival of hearts obtained from chimeric donors in a mouse to rat xenotransplant model.** Transplant Proc 28(2):733-734, 1996.
382. Pan F, Tsugita M, Rao AS, Wakizaka Y, Sun H, Park Il-Y, Fung JJ, Starzl TE, Valdivia LA: **Effect of tacrolimus and splenectomy on engraftment and GVHD after bone marrow xenotransplantation in the reciprocal hamster→ rat animal models.** Transplant Proc 28(2):736-737, 1996.
383. Celli S, Kelly RH, Rao AS, Pan F, Sun H, Nalesnik M, Wakizaka Y, Fung JJ, Starzl TE, Valdivia LA: **The antigenicity of serum proteins and their role in xenograft rejection.** Transplant Proc 28(2):669-670, 1996.
384. Tanaka M, Murase N, Ye Q, Miyazaki W, Nomoto M, Miyazawa H, Manez R, Toyama Y, Demetris AJ, Todo S, Starzl TE: **Effect of anticomplement agent K76 COOH on hamster-to-rat and guinea pig-to-rat heart xenotransplantation**. Transplantation 62(5):681-688, 1996.
385. Grossi P, Kusne S, Rinaldo C, St. George K, Magnone M, Rakela J, Fung J, Starzl TE. **Guidance of ganciclovir therapy with pp65 antigenemia in CMV-free recipients of livers from seropositive donors**. Transplantation 61(11):1659-1660, 1996.
386. Kita Y, Iwaki Y, Noguchi K, Griffith BP, Tzakis AG, Todo S, Fung JJ, Starzl TE: **Daily serum interleukin-6 monitoring in multiple organ transplantation with or without liver allografts.** Transplant Proc 28(3):1229-1234, 1996.
387. Kita Y, Iwaki Y, Noguchi K, Tzakis AG, Todo S, Fung JJ, Starzl TE: **Daily serum inflammatory cytokine (TNF-α, IL-6) monitoring in liver transplantation focusing on allograft rejection: A five-case report**. Transplant Proc 28:1237-1240, 1996.
388. Fung JJ, Todo S, Jain A, Demetris AJ, McMichael JP, Starzl TE. **The Pittsburgh randomized trial of tacrolimus versus cyclosporine for liver transplantation.** J Am Coll Surg 183(2)117-125, 1996.
389. Jordan ML, Shapiro R, Naraghi R, Smith D, Vivas C, Gritsch HA, Scantlebury V, Rhandhawa P, Demetris AJ, Fung JJ, Starzl TE: **Tacrolimus rescue therapy for renal transplant rejection.** Transplant Proc 28(1):2119-2120, 1996.
390. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, McCauley J, Ellis D, Gilboa N, Lombardozzi-Lane S, Randhawa P, Demetris AJ, Irish W, Hakala TR, Simmons RL, Fung JJ, Starzl TE: **Tacrolimus in renal transplantation.** Transplant Proc 28(4):2117-2118, 1996.
391. Laskus T, Wang L-F, Rakela J, Vargas H, Pinna AD, Tsamandas AC, Demetris AJ, Fung J: **Dynamic behavior of hepatitis C virus in chronically infected patients receiving liver graft from infected donors.** Virology 220:171-176, 1996.
392. Starzl TE, Fung JJ: **The politics of grafting cadaver kidneys.** Lancet 348:454-455, 1996.
393. Galvao FHF, Murase N, Todo S, Zeevi A, Ye Q, Doughton CS, Demetris AJ, Waitzberg DL, Fung JJ, Starzl TE: **Cytokine profile in GVHD after small bowel transplantation.** Transplant Proc 28(5):2455.
394. Kusne S, Furukawa H, Abu-Elmagd K, Irish W, Rakela J, Fung JJ, Starzl TE, Todo S: **Infectious complications after small bowel transplantation in adults: An update.** Transplant Proc 28(5):2761-2762, 1996.
395. Fontes P, Rao AS, Reyes J, Furukawa H, Abu-Elmagd K, Jabbour N, Zeevi A, Iyengar A, Todo S, Fung JJ, Starzl TE: **Concomitant infusion of unmodified donor bone marrow into unconditioned recipients of intestinal allografts.** Transplant Proc 28(5):2757-2758, 1996.
396. Rao AS, Fontes P, Dodson F, Zeevi A, Rugeles MT, Abu-Elmagd K, Aitouche A, Rosner G, Trucco M, Demetris AJ, Rybka W, Todo S, Fung JJ, Starzl TE. **Augmentation of natural chimerism with donor bone marrow in orthotopic liver recipients.** Transplant Proc 28(5)2959-2965, 1996.
397. Fu F, Li Y, Shiguang Q, Lu L, Frances C, Starzl TE, Fung JJ, Thomson AW: **Costimulatory molecule-deficient dendritic cell progenitors (MHC Class II+, B7-1dim, B7-2-) prolong cardiac allograft survival in non-immunosuppressed recipients.** Transplantation 62:659-665, 1996.
398. Shapiro R, Vivas C, Scantlebury VP, Jordan ML, Gritsch HA, Neugarten J, McCauley J, Randhawa P, Irish W, Fung JJ, Hakala T, Simmons RL, Starzl TE: **“Suboptimal” kidney donors -- The experience with tacrolimus - based immunosuppression.** Transplantation 62:(9):1242-1246, 1996.
399. Dodson SF, Fung JJ, Rakela J: **Liver transplantation in patients with hepatitis C.** Curr Opin Organ Transplant 1:65-70, 1996.
400. Pinna AD, Lim J, Sugitani A, Fung JJ, Starzl TE: **‘Pants’ vein jump graft for portal vein and superior mesenteric thrombosis in liver transplantation.** J Am Coll Surg 183(5):527-528, 1996.
401. Shapiro R, Scantlebury VP, Jordan ML, Vivas C, Gritsch HA, Ellis D, Gilboa N, Lombardozzi-Lane S, Fung JJ, Hakala TR, Simmons RL, Starzl TE: **Tacrolimus in pediatric renal transplantation.** Transplantation 62(No12):1752-1758, 1996.
402. Pinna AD, Smith CV, Furukawa H, Starzl TE, Fung JJ: **Urgent revascularization of liver allografts after early hepatic artery thrombosis.** Transplantation 62(11):1584-1587, 1996.
403. Gandhi CR, Kang Y, DeWolf A, Madariaga J, Aggarwal S, Scott V, Fung J: **Altered endothelin homeostasis in patients undergoing liver transplantation**. Liver Transplant Surg 2(5):362-369, 1996.
404. Manjakkollai P, Veerabagu, Casavilla A, Dodson F, Fung JJ, Rakela J: **The patient with chronic hepatitis C.** Liver Transplantation Surg 2(5,Suppl.1):73-78, 1996.
405. Qian S, Fu F, Li Y, Lu L, Rao AS, Starzl TE, Thomson AW, Fung JJ:  **Impact of donor MHC Class I or Class II antigen deficiency on first- and second-set rejection of mouse heart or liver allografts.** Immunology 88(1):124-129, 1996.
406. Manez R, Kusne S, Rinaldo C, Aguado JM, George KS, Grossi P, Frye B, Fung JJ, Ehrlich G: **Detection of cytomegalovirus (CMV) DNA in blood leukocytes is a predictor for the development of CMV disease in CMV-seronegative recipients of allografts from CMV-seropositive donors following liver transplantation**. J Infect Dis 173(5):1072-1076, 1996.
407. Rao AS, Starzl TE, Demetris AJ, Trucco M, Thomson A, Qian S, Murase N, Fung JJ. **The two-way paradigm of transplantation immunology.** Clin Immunol Immunopathol 80(3 Pt. 2):546-551, 1996.
408. Mateo R, Jethmalani S, Angus D, Gorscan III J, Uretsky B, Fung JJ. **Interferon-associated left ventricular dysfunction in a liver transplant recipient.** Dig Dis Sci 41(7):1500-1503, 1996.
409. Tsugita M, Valdivia LA, Rao AS, Pan F, Celli S, Demetris AJ, Fung JJ, Starzl TE: **Tacrolimus pretreatment attenuates preexisting xenospecific immunity and abrogates hyperacute rejection in a presensitized hamster → rat liver transplant model**. Transplantation 61(12):1730-1735, 1996.
410. Dvorchik I, Subbotin M, Marsh W, McMichael J, Fung JJ: **Performance of multi-layer feed forward neural networks to predict liver transplantation outcome**. Meth Inform Med 35(1):12-18, 1996.
411. Tabasco-Minguillan J, Jain A, Naik M, Weber KM, Irish W, Fung JJ, Rakela J, Starzl TE: **Gastrointestinal bleeding after liver transplantation.**  Transplantation 63(1):60-67, 1997.
412. Jordan ML, Naraghi r, Shapiro R, Smith D, Vivas C, Scantlebury V, Gritsch HA, McCauley J, Randhawa P, Demetris AJ, McMichael J, Fung JJ, Starzl TE: **Five year experience with tacrolimus rescue for renal allograft rejection.** Transplant Proc 29(1/2):306, 1997.
413. Mazariegos GV, Reyes J, Marino I, Flynn B, Irish W, McMichael J, Fung JJ, Starzl TE**: weaning of immunosuppression in liver transplant recipients**. Transplantation 63(2):243-249, 1997.
414. Rao AS, Fontes P, Iyengar A, Shapiro R, Dodson F, Corry R, Pham S, Jordan M, Zeevi A, Rastellini C, Aitouche A, Egidi F, Gritsch HA, Reyes J, Fung JJ, Starzl TE: **Augmentation of chimerism with perioperative donor bone marrow infusion in organ transplant recipients: A 44 month follow-up.** Transplant Proc 29(1-2):1184-1185, 1997.
415. Pinna AD, Sugitani A, Thistlethwaite P, Kang Y, Maronqiu L, Todo S, Starzl TE, Fung JJ: **Venous - right atrial bypass for superior vena cava thrombosis during orthotopic liver transplantation.** Transplantation 63(3):471-472, 1997.
416. Selby R, Ramirez CB, Chaudhary R, Kleopoulos I, Kusne S, Starzl TE, Fung J:  **Brain abscess in solid organ transplant recipients on cyclosporine based immunosuppression**. Arch Surg 132(3):304-310, 1997.
417. Mazariegos GV, Reyes J, Marino I, Flynn B, Fung JJ, Starzl TE: **Risks and benefits of weaning immunosuppression in liver transplant recipients: Long-term follow-up.** Transplant Proc 29(1-2):1174-1177, 1997.
418. Qian S, Lu L, Li Y, Fu F, Li W, Starzl TE, Thomson AW, Fung JJ: **Apoptosis of graft-infiltrating cytotoxic T cells: a mechanism underlying “split tolerance” in mouse liver transplantation.** Transplant Proc 29(1-2):1168-1169, 1997.
419. Starzl TE, Demetris AJ, Murase N, Valdivia L, Thomson AW, Fung J, Rao AS: **The future of transplantation: with particular reference to chimerism and xenotransplantation**. Transplant Proc 29(1-2):19-27, 1997.
420. Valdivia LA, Sun H, Rao AS, Tsugita M, Chen CT, Park I-Y, Fung JJ, Starzl TE: **Donor-specific transfusion in the nude rat prolongs survival of subsequently transplanted hamster cardiac xenografts.** Transplant Proc 29(1-2):928-929, 1997.
421. Li W, Lu L, Li Y, Fu F, Fung JJ, Thomson AW, Qian S: **High-dose cellular IL-10 exacerbates rejection and reverse effects of cyclosporine and tacrolimus in mouse cardiac transplantation.** Transplant Proc 29(1-2):1081-1082, 1997.
422. Rastellini C, Shapiro R, Corry R, Fung JJ, Starzl TE, Rao AS: **Treatment of isolated pancreatic islets to reverse pancreatectomy-induced and insulin-dependent type I diabetes in humans: A 6-year experience.** Transplant Proc 29(1-2):746-747, 1997.
423. Egidi MF, Corry RJ, Sugitani A, Shapiro R, Jordan M, Vivas C, Scantlebury V, Gritsch HA, Fung JJ, Starzl TE: **Enteric-drained pancreas transplants monitored by fine needle aspiration biopsy.** Transplant Proc 29(1-2):674-675, 1997.
424. Pinna AD, Dodson FS, Smith CV, Furukawa H, Sugitani A, Fung JJ, Corry RJ: **Rapid en block technique for liver and pancreas procurement.** Transplant Proc 29(1-2):647-648, 1997.
425. Marino IR, Morelli F, Doria C, Gayowski T, McMichael J, Fung JJ, Starzl TE, Doyle HR: **The preoperative assessment of risk in liver transplantation - a multivariate analysis in 2376 cases of the UW era.** Transplant Proc 29(1-2):454-455, 1997.
426. Khanna A, Jain A, Ziady G, Demetris AJ, Fung JJ, Kramer D, Starzl TE: **Cardiac changes at autopsy in adult liver transplant recipients under tacrolimus.** Transplant Proc 29(1-2):532-533, 1997.
427. Fu F, Li Y, Qian S, Lu L, Chambers FD, Starzl TE, Fung JJ, Thomson AW: **Costimulatory molecule-deficient dendritic cell progenitors induce T cell hyporesponsiveness in vitro and prolong the survival of vascularized cardiac allografts.** Transplant Proc 29(1-2):1310, 1997.
428. Zeevi A, Pavlick M, Banas R, Bentlejewski C, Spichty K, Rao RS, Fontes P, Iyengar A, Shapiro, Dodson F, Jordan M, Pham, Keenan R, Griffith B, Corry R, Egidi F, Fung JJ, Starzl TE: **Three years of follow-up of bone marrow augmented organ transplant recipients: The impact on donor specific immune modulation.** Transplant Proc 29(1-2):1205-1206, 1997.
429. Galvao FHF, Ye Q, Doughton C, Murase N, Todo S, Zeevi A, Waitzberg D, Fung JJ, Starzl TE: **Experimental animal model of graft-versus-host disease (GVHD) after small-bowel transplantation: Characteristics of the model and application to developing treatment strategies.** Transplant Proc 29(1-2):700, 1997.
430. Corry RJ, Egidi MF, Shapiro R, Jordan M, Dodson SF, Scantlebury V, Vivas C, Gritsch HA, Fung JJ, Starzl TE: **Pancreas transplantation with enteric drainage under tacrolimus induction therapy.** Transplant Proc 29(1-2):642, 1997.
431. Thai NL, Li Y, Fu F, Qian S, Demetris AJ, Duquesnoy RJ, Fung JJ: **Interleukin-2 and interleukin-12 mediate distinct effector mechanisms of liver allograft rejection.** Liver Transplantation Surg 3(2):118-129, 1997.
432. Linden PK, Pasculle AW, Manez R, Kramer DJ, Fung JJ, Pinna AD, Kusne S: **Vancomycin resistance and mortality associated with enterococcal bacteremia (Reply).** Clin Infect Diseases 24:530-531, 1997.
433. Demetris AJ, Batts KP, Dhillon AP, Ferrell L, Fung J, Geller SA, Hart J, Hayry P, Hofmann WJ, Hubscher S, Kemnitz J, Koukoulis G, Lee RG, Lewin KJ, Ludwig J, Markin RS, Petrovic LM, Phillips MJ, Portmann B, Rakela J, Randhawa P, Reinholt FP, Reynes M, Robert M, Schlitt H, Solez K, Snover D, Taskinen E, Thung SN, Tillery GW, Wiesner RH, Wight DGD, Williams, JW, Yamabe H: **Banff schema for grading liver allograft rejection: an international consensus document.** Hepatology 25(3):658-663, 1997.
434. Shakil AO, Pinna A, Demetris J, Lee RG, Fung JJ, Rakela J: **Survival and quality of life after liver transplantation for acute alcoholic hepatitis**. Liver Transplant Surg 3(3):240-244, 1997.
435. Naraghi RM, Smith D, Shapiro R, Vivas CA, Gritsch HA, Scantlebury VP, Randhawa P, Demetris AJ, Fung JJ, Starzl TE, Jordan ML: **Long term follow-up of tacrolimus rescue therapy for renal allograft rejection.**  Transplant Proc 29(1-2):310, 1997.
436. Nalesnik MA, Rao AS, Zeevi A, Fung JJ, Pham S, Furukawa H, Gritsch A, Klein G, Starzl TE: **Autologous lymphokine-activated killer cell therapy of lymphoproliferative disorders arising in organ transplant recipients.** Transplant Proc 29(3):1905-1906, 1997.
437. Shakil AO, Dvorchik I, Fung JJ, Rakela J: **Liver transplantation for acute liver failure: outcome analysis.** J Viral eHepatitis 4(Suppl.1):107-110, 1997.
438. Khanna A, Newman B, Reyes J, Fung JJ, Todo S, Starzl TE: **Internal hernia and volvulus of the small bowel following liver transplantation.** Liver Transplantation Surg 10(2):133-136, 1997.
439. Nalesnik MA, Rao AS, Furukawa H, Pham S, Zeevi A, Fung JJ, Klein G, Gritsch A, Elder E, Whiteside TL, Starzl TE: **Autologous lymphokine-activated killer cell therapy of Epstein-Barr Virus-positive and -negative lymphoproliferative disorders arising in organ transplant recipients**. Transplantation 63(9):1200-1205, 1997.
440. Zhang S, Jin MB, Zhu Y, Ishizaki N, Tanaka H, Subbotin VM, Lee RG, Starzl TE, Todo S: **Effect of endogenous adenosine augmentation on ischemia and reperfusion injury to the liver.** Transplant Proc 29(1-2):1336-1337, 1997.
441. Vargas HE, Wang L-F, Laskus T, Poutous A, Lee R, Demetris A, Dodson F, Casavilla A, Fung J, Gayowski T, Singh N, Marino I, Rakela J: **Distribution of infecting hepatitis C virus genotypes in end-stage liver disease patients at a large American transplantation center.** J Infect Dis 175(2):448-450, 1997.
442. Qian S, Thai NL, Lu L, Fung JJ, Thomson AW: **Liver transplant tolerance: mechanistic insights from animal models, with particular reference to the mouse.** Transplantation Rev 11(3):151-164, 1997.
443. Demetris AJ, Murase N, Ye Q, Galvao FHF, Richert C, Saad R, Pham S, Duquesnoy RJ, Zeevi A, Fung JJ, Starzl TE: **Analysis of chronic rejection and obliterative arteriopathy: possible contributions of donor antigen presenting cells and lymphatic disruption.** Am J Pathol 150(2):563-578, 1997.
444. Laifer SA, Abu-Elmagd K, Fung JJ: **Hepatic transplantation during pregnancy and the puerperium.** J Maternal-Fetal Med 6(1):40-44, 1997.
445. Qian S, Lu L, Fu F, Li Y, Starzl TE, Fung JJ, Thomson AW**: Apoptosis within spontaneously accepted mouse liver allografts: evidence for deletion of cytotoxic T cells and implications for tolerance induction**. J Immunol 158(10):4654-4661, 1997.
446. Jordan ML, Naraghi R, Shapiro R, Smith D, Vivas CA, Scantlebury VP, Gritsch HA, McCauley J, Randhawa P, Demetris AJ, McMichael J, Fung JJ, Starzl TE: **Tacrolimus rescue therapy for renal allograft rejection-five year experience.** Transplantation 63(2):223-228, 1997.
447. Espinoza R, Kusne S, Pasculle AW, Wada S, Fung JJ, Rakela J: **Leuconostoc bacteremia after liver transplantation: another cause of vancomycin resistant gram-positive infection.** Clin Transplantation 11(4):322-324, 1997.
448. Gayowski T, Singh N, Marino IR, Vargas H, Wagener M, Wannstedt C, Morelli F, Laskus T, Rakela J, Starzl TE, Fung JJ: **Hepatitis C virus genotypes in liver transplant recipients: impact on post-transplant recurrence, infections, response to interferon alpha therapy and outcome.** Transplantation 64(3):422-426, 1997.
449. Kusne S, Manez R, Frye BL, George K, Abu-Elmagd K, Tabasco-Minguillan J, Fung JJ, Todo S, Rinaldo C, Ehrlich GD: **Use of DNA amplification for the diagnosis of Cytomegalovirus enteritis after intestinal transplantation.** Gastroenterology 112(4):1121-1128, 1997.
450. Rao AS, Fontes P, Iyengar A, Shapiro R, Zeevi A, Dodson F, Corry R, Pham S, Keenan R, Fung JJ, Starzl TE: **Perioperative donor bone marrow infusion in recipients of organ allografts.** Transplant Proc 29(4):2192-2193, 1997.
451. Rastellini C, Shapiro R, Corry R, Fung JJ, Starzl TE, Rao AS: **An attempt to reverse diabetes by delayed islet cell transplantation in humans.** Transplant Proc 29(4):2238-2239, 1997.
452. Qian S, Li W, Li Y, Fu F, Lu L, Fung JJ, Narula SK, Thomson AW: **Systemic administration of cellular interleukin-10 can exacerbate cardiac allograft rejection in mice.** Transplantation 62(12):1709-1714, 1996.
453. Frezza EE, Fung JJ, Van Thiel DH: **Non-lymphoid cancer after liver transplantation.** Hepato-Gastroenterology 44(16):1172-1181, 1997
454. Aitouche A, Rugeles MT, Zeevi A, Fung JJ, Starzl TE, Rao AS: **Documentation in bone marrow-augmented organ recipients of the presence of dendritic cell progenitors of donor origin.** Transplant Proc 29(4):2175-2176, 1997.
455. Tsamandas AC, Pham SM, Seaberg EC, Pappo O, Kormos RL, BP Griffith, Zeevi A, Duquesnoy R, Fung JJ, Starzl TE, Demetris AJ: **Adult heart transplantation under tacrolimus (FK506) immunosuppression: histopathologic observations and comparison to a cyclosporine-based regimen with lympholytic (ATG) induction.** J Heart Lung Transplantation 16(7):723-734, 1997.
456. Tsamandas AC, Jain AB, Felekouras ES, Fung JJ, Demetris AJ, Lee RG: **Central venulitis in the allograft liver.** Transplantation 64(2):252-257, 1997.
457. DeWolf AM, Scott V, Bjerke R, Kang Y, Kramer D, Miro A, Fung JJ, Dodson F, Gayowski T, Marino IR, Firestone L: **Hemodynamic effects of inhaled nitric oxide in four patients with severe liver disease and pulmonary hypertension.** Liver Transplant Surg 3(6):594-597, 1997.
458. Madariaga JR, Subbotin VM, Lopez SR, Sahin M, Ferres J, Dvorchik I, Subbotin MV, Wang Z, Nalesnik MA, Carr BI, Valdivia LA, Rao AS, Fung JJ: **Quantitative assessment of the development of hepatoma in a buffalo rat model.** Transplant Proc 29(4):2263-2264, 1997.
459. Rugeles MT, Aitouche A, Zeevi A, Fung JJ, Watkins SC, Starzl TE, Rao AS: **Evidence for the presence of multilineage chimerism and progenitors of donor dendritic cells in the peripheral blood of bone marrow-augmented organ transplant recipients.**  Transplantation 64(5):735-741, 1997.
460. Starzl TE, Demetris AJ, Murase N, Trucco M, Thomson AW, Rao AS, Fung JJ: **Chimerism after organ transplantation.** Current Opinion in Nephrol Hypertension 6(3):292-298, 1997.
461. Sun H, Valdivia LA, Subbotin V, Aitouche A, Fung JJ, Starzl TE, Rao AS**: An improved surgical technique for the establishment of a murine model of aortic transplantation**. Micro Surg 64(5):690-695, 1997.
462. Jain A, Venkataramanan R, Fung JJ, Gartner JC, Lever J, Balan V, Warty V, Starzl TE: **Pregnancy after liver transplantation under tacrolimus**. Transplantation 64(4):559-565, 1997.
463. Pinna A, Iwatsuki S, Todo S, Marsh JW, Dvorchik I, Fung JJ, Starzl TE: **Treatment of fibrolamellar hepatoma with subtotal hepatectomy or transplantation.** Hepatology 26(4):877-883, 1997.
464. Fung JJ: **Tolerance and chimerism in liver transplantation.** Transplant Proc 29(7):2817-2818, 1997.
465. Mitruka SN, Griffith BP, Kormos RL, Hattler BG, Pigula FA, Shapiro R, Fung JJ, Pham SM: **Cardiac operations in solid-organ transplant recipients.** Ann Thorac Surg 64:1270-1278, 1997.
466. Casavilla FA, Marsh JW, Iwatsuki S, Todo S, Lee RG, Madariaga JR, Pinna A, Dvorchik I, Fung JJ, Starzl TE: **Hepatic resection and transplantation for peripheral cholangiocarcinoma.** J Am Coll Surg 185(5):429-436, 1997.
467. Lu L, Li W, Fu F, Chambers FG, Qian S, Fung JJ, Thomson AW: **Blockade of the CD40-CD40L pathway potentiates the capacity of donor-derived dendritic cell progenitors to induce long-term cardiac allograft survival.** Transplantation 64(12):1808-1815, 1997.
468. Starzl TE, Eliasziw M, Gjertson D, Terasaki PI, Fung JJ, Trucco M, Martell J, McMichael J, Shapiro R, Donner A: **HLA and cross reactive antigen group (CREG) matching for cadaver kidney allocation.** Transplantation 64(7):983-991, 1997.
469. Subbotin V, Sun H, Aitouche A, Valdivia LA, Fung JJ, Starzl TE, Rao AS: **Abrogation of chronic rejection in a murine model of aortic allotransplantation by prior induction of donor-specific tolerance.** Transplantation 64(5):690-695, 1997.
470. Scantlebury V, Shapiro R, Irish W, Jordan ML,, Vivas C, Gritsch HA, Fung JJ, McCauley J, Simmons RL: **The outcome of kidney transplantation in African Americans using tacrolimus.**  Transplant Proc 29(8):3741-3732, 1997.
471. Sun H, Subbotin V, Chen C, Aitouche A, Valdivia LA, Sayegh MH, Linsley PS, Fung JJ, Starzl TE, Rao AS: **Prevention of chronic rejection in mouse aortic allografts by combined treatment with CTLA4-Ig and anti-CD40 ligand monoclonal antibody.** Transplantation 64(12):1838-1843, 1997.
472. Wakizaka Y, Miki T, Rao AS, Wang X, Miki T, Demetris AJ, Fung JJ, Starzl TE, Valdivia LA: **Correction of congenital hyperbilirubinemia in homozygous Gunn rats by xenotransplantation of hamster livers.** Xenotransplantation 4(4):262-266, 1997.
473. Celli S, Valdivia LA, Fung JJ, Kelly RH: **Early recipient-donor switch of the complement type after liver xenotransplantation.** Immunol Invest 26(5-7), 589-600, 1997.
474. Fung J, Rao A, Starzl T: **Clinical trials and the projected future of liver xenotransplantation.** World J Surg 21:956-961. 1997
475. Dodson SF, Issa S, Araya V, Gayowski T, Pinna A, Eghtesad B, Iwatsuki S, Rakela J, Fung JJ: **Infectivity of hepatic allografts with antibodies to Hepatitis B virus.** Transplantation 64(11):1582-1584, 1997.
476. Fontes P, Rogers J, Rao AS, Trucco M, Zeevi A, Ricordi C, Fung JJ, Starzl TE: **Evidence for engraftment of human bone marrow cells in non-lethally irradiated baboons.** Transplantation 64(11):1595-1598, December, 1997.
477. Laskus T, Wang LF, Radkowski M, Jang SJ, Vargas H, Dodson F, Fung J, Rakela J: **Hepatitis G virus infection in American patients with cryptogenic cirrhosis: no evidence for liver replication.** J Infect Dis 176:1491-1495, December, 1997.
478. DiMartini AF, Trzepacz PT, Pajer KA, Faett D, Fung JJ: **Neuropsychiatric side effects of FK506 versus CyA: first week postoperative findings.** Psychosomatics 38(6):565-569, Nov.-Dec. 1997.
479. Lucey MR, Brown KA, Everson GT, Fung JJ, Gish R, Keeffe EB, Kneteman NM, Lake JR, Martin P, McDiarmid SV, Rakela J, Shiffman ML, So SK, Wiesner RH: **Minimal criteria for placement of adults on the liver transplant waiting list: a report of a national conference organized by the American Society of Transplant Physicians and the American Association for the Study of Liver Diseases.** Liver Transpl Surg 3(6):628-637, Nov. 1997.
480. Vargas HE, Laskus T, Wang L-F, Radkowski M, Poutous A, Lee R, Demetris A, Gayowski T, Marino IR, Singh N, Dodson F, Casavilla A, Fung JJ, Rakela J: **The influence of hepatitis C virus genotypes on the outcome of liver transplantation.** Liver Transplant Surg 4(1):22-27, 1998.
481. Reyes J, Bueno J, Kocoshis S, Green M, Abu-Elmagd K, Furukawa H, Barksdale EM, Strom S, Fung JJ, Todo S, Irish W, Starzl TE: **Current status of intestinal transplantation in children.** J Pedtr Surg 33(2):243-254, 1998.
482. Singh N, Gayowski T, Shakil AO, Wagener MM, Fung JJ, Marino IR: **Interferon-alpha prophylaxis of recurrent viral hepatitis C in liver transplant recipients: a prospective, randomized, controlled trial.** Transplantation 65(1)82-86, 1998.
483. Demetris AJ, Murase N, Lee RG, Randhawa P, Zeevi A, Pham S, Duquesnoy R, Fung JJ, Starzl TE: **Chronic rejection: a general overview of histopathology and pathophysiology with emphasis on liver, heart and intestinal allografts.** Ann Transplantation 2(2):27-44, 1998.
484. Torbenson M, Wang J, Nichols L, Jain A, Fung JJ, Nalesnik MA: **Causes of death in autopsied liver transplant patients.**  Mod Pathol 11(1):37-46, 1998.
485. Jain A, Demetris AJ, Manez R, Tsamanadas, AC, Van Thiel D, Rakela J, Starzl TE, Fung JJ: **Incidence and severity of acute allograft rejection in liver transplant recipients treated with alpha-interferon.** Liver Transplantation and Surg 4(3):197-203, May, 1998.
486. Nelson BP, Locker J, Nalesnik MA, Fung JJ, Swerdlow SH: **Clonal and morphologic variation in a posttransplant lymphoproliferative disorder: Evolution from clonal T-cell to clonal B-cell predominance.** Human Pathol 29(4):416-421, Apr, 1998.
487. Corry RJ, Egidi MF, Shapiro R, Sugitani A, Gritsch HA, Jordan ML, Dodson SF, Vivas CA, Scantlebury VP, Rao AS, Fung JJ, Starzl TE: **Tacrolimus without antilymphocyte induction therapy prevents pancreas loss from rejection in 123 consecutive patients.** Transplant Proc 30(2):521, Mar, 1998.
488. Burckart GJ, Frye RF, Kelly P, Branch RA, Jain A, Fung JJ, Starzl TE, Venkataramanan R: **Induction of CYP2E1 activity in liver transplant patients as measured by chlorzoxazone 6-hydroxylation.** Clin Pharmacol Ther 63(3):296-302, Mar, 1998.
489. Gayowski T, Marino IR, Singh N, Doyle H, Wagener M, Fung JJ, Starzl TE: **Orthotopic liver transplantation in high-risk patients - risk factors associated with mortality and infectious morbidity.** Transplantation 65(4):499-504, Feb 27, 1998.
490. Abu-Elmagd K, Reyes J, Todo S, Rao A, Lee R, Irish W, Furukawa H, Bueno J, McMichael J, Fawzy AT, Murase N, Demetris J, Rakela J, Fung JJ, Starzl TE: **Clinical intestinal transplantation: new perspectives and immunologic considerations.** J Am Coll Surg 186(5):512-525, May, 1998.
491. Tzakis AG, Kirkegaard P, Pinna AD, Misiakos EP, Maziotti A, Dodson F, Khan F, Nery J, Rasmussen A, Fung JJ, Demetris A, Ruiz PJ: **Liver transplantation with cavoportal hemitransposition in the presence of diffuse portal vein thrombosis.** Transplantation 65(5):619-624, Mar 15, 1998.
492. Jain A, Reyes J, Kashyap R, Rohal S, Cacciarelli T, McMichael J, Rakela J, Starzl TE, Fung JJ: **Liver transplantation under tacrolimus in infants, children, adults and seniors: long term results, survival, and adverse events in 1000 consecutive patients.** Transplant Proc 30(4):1403-1404, 1998.
493. Rao AS, Shapiro R, Corry R, Dodson F, Abu-Elmagd K, Pham S, Jordan M, Gupta K, Zeevi A, Rastellini C, Keenan R, Reyes J, Griffith B, Fung JJ, Starzl TE: **Adjuvant bone marrow infusion in clinical organ transplant recipients.** Transplant Proc 30(4):1367-1368, 1998.
494. Subbotin V, Sun H, Chen C, Aitouche A, Valdivia L, Fung JJ, Starzl TE, Rao AS: **Combined blockade of CD28/B7 and CD40/CD40L costimulatory pathways prevents the onset of chronic rejection.** Transplant Proc 30(4):941-942, 1998.
495. Starzl TE, Todo S, Demetris AJ, Fung JJ: **Tacrolimus (FK506) and the pharmaceutical/ academic/regulatory gauntlet.** Am J Kid Dis 31(6 Suppl 1):S7-S14, 1998.
496. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, McCauley J, McQuitty D, Randhawa P, Irish W, McMichael J, Hakala TR, Simmons RL, Fung JJ, Starzl TE: **Outcome after steroid withdrawal in renal transplant patients receiving tacrolimus-based immunosuppression.** Transplant Proc 30(4):1375-1377, 1998.
497. Jordan ML, Naraghi R, Shapiro R, Smith D, Vivas CA, Scantlebury VP, Gritsch HA, McCauley J, Randhawa P, Demetris AJ, McMichael J, Fung JJ, Starzl TE: **Tacrolimus for rescue of refractory renal allograft rejection.** Transplant Proc 30(4):1257-1260, 1998.
498. Felekouras ES, Tsamandas AC, Papalampros EL, Pikoulis EA, Leppaniemi AK, Fung JJ: **Reconstruction of an abnormal hepatic vein in a donor liver.** Transplantation 65(9):1265-1266, 1998.
499. Miki T, Goller A, Rao A, Wang X, Yin W-Y, Tandin A, Fung JJ, Starzl TE, Valdivia LA: **Tacrolimus enhances the immunosuppressive effect of cyclophosphamide but not that of Leflunomide or Mycophenolate mofetil in a model of discordant liver xenotransplantation.** Transplant Proc 30(4):1091-1092, 1998.
500. Qian S, Lu L, Fu F, Li W, Pan F, Steptoe RJ, Chambers FG, Starzl TE, Fung JJ, Thomson AW: **Donor pretreatment with flt-3 ligand augments anti-donor CTL, NK and LAK cell activities within liver allografts and alters the pattern of intragraft apoptotic activity.** Transplantation 65(12):1590-1598, 1998.
501. Starzl TE, Rao AS, Murase N, Fung J, Demetris AJ: **Will xenotransplantation ever be feasible?** J Am Coll Surg 186(4):383-387, 1998.
502. Scantlebury V, Gjertson D, Eliasziw M, Terasaki P, Fung J, Shapiro R, Donner A, Starzl TE: **The effect of HLA mismatch in African-Americans.** Transplantation 65(4):586-588, 1998.
503. Murray M, Grogan TA, Lever J, Warty VS, Fung JJ, Venkataramanan R: **Comparison of tacrolimus absorption in transplant patients receiving continuous versus interrupted enteral nutritional feeding.** Ann Pharmacol 32:633-635, 1998.
504. Samimi F, Irish WD, Eghtesad B, Demetris AJ, Starzl TE, Fung JJ: **Role of splenectomy in human liver transplantation under modern-day immunosuppression.** Dig Dis Sci 43(9):1931-1937, 1998.
505. Rovera GM, Graham TO, Hutson WR, Furukawa H, Goldbach B, Todo S, Fung JJ, Rakela J, Abu-Elmagd K: **Nutritional management of intestinal allograft recipients.** Transplant Proc 30(6):2517-1518, 1998.
506. Rovera GM, Abu-Elmagd K, Hutson WR, Furukawa H, Goldbach B, Todo S, Rakela J, Fung JJ, Graham TO: **Long-term nutritional monitoring after clinical intestinal transplantation.** Transplant Proc 30(6):2515-2516, 1998.
507. Rovera GM, DiMartini A, Graham TO, Hutson WR, Furukawa H, Todo S, Rakela J, Fung JJ, Abu-Elmagd K: **Quality of life after intestinal transplantation and on total parenteral nutrition.** Transplant Proc 30(6):2513-2514, 1998.
508. Cacciarelli TV, Green M, Jaffee R, Mazariegos GV, Jain A, Fung JJ, Reyes J: **Management of posttransplant lymphoproliferative disease in pediatric liver transplant recipients receiving primary tacrolimus (FK506) therapy.** Transplantation 66(8):1047-1052, 1998.
509. Casavilla AF, Rakela J, Kapur S, Irish W, McMichael J, Starzl TE, Fung JJ: **Clinical outcome of patients infected with hepatitis C virus infection on survival after primary liver transplantation under tacrolimus.** Liver Transpl Surg 4(6):448-454, 1998.
510. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, Foxhawranko L, Doyle HR, Johnson LB, Fenton R, Painter L, Keeferwolf K, Redman C, McCauley J, Fung JJ, Hakala TR, Starzl TE, Simmons RL: **Reducing the length of stay after kidney transplantation - the intensive outpatient unit.** Clinical Transplantation 12(5):482-485, 1998.
511. Iwatsuki S, Todo S, Marsh JW, Madariaga JR, Lee RG, Dvorchik I, Fung JJ, Starzl TE: **Treatment of hilar cholangiocarcinoma (Klatskin tumors) with hepatic resection or transplantation.** J Am Coll Surg 187(4):358-364, 1998.
512. Bonham A, Dominguez EA, Fukui MB, Paterson DL, Pankey GA, Fung JJ, Wagener MM, Singh N: **Central nervous system lesions in liver transplant recipients: Prospective assessment of indications for biopsy and implications for management.** 66(12):1596-1604, 1998.
513. Chia SH, Geller DA, Kibbe MR, Watkins SC, Fung JJ, Starzl TE, Murase N: **Adenovirus-mediated gene transfer to liver grafts: an improved method to maximize infectivity.** Transplantation 66(11):1545-1551, 1998.
514. Jain AB, Hamad I, Rakela J, Dodson F, Kramer D, Demetris J, McMichael J, Starzl TE, Fung JJ: **A prospective randomized trial of tacrolimus and prednisone versus tacrolimus, prednisone and mycophenolate mofetil in primary adult liver transplant recipients: an interim report.** Transplantation 66(10):1395-1398, 1998.
515. Jain AB, Yee LD, Nalesnik MA, Youk A, Marsh G, Reyes J, Rakela J, Irish W, Fung JJ: **Comparative incidence of de novo** **nonlymphoid malignancies after liver transplantation under tacrolimus using surveillance epidemiologic end result data.**  Transplantation 66(9):1193-1200, 1998.
516. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, Casavilla AF, McCauley J, Johnston JR, Randhawa P, Irish W, Hakala TR, Fung JJ, Starzl TE: **A prospective, randomized trial to compare tacrolimus and prednisone with and without mycophenolate mofetil in patients undergoing renal transplantation - first report.** Transplantation J Urology 160(6 Pt 1):1982-1985; discussion 1985-1986, 1998.
517. Jabbour N, Zajko A, Orons P, Irish W, Fung JJ, Selby RR: **Does transjugular intrahepatic portosystemic shunt (TIPS) resolve thrombocytopenia associated with cirrhosis.**  Dig Dis Sci 43(11):2457-2462, 1998.
518. Sun H, Valdivia LA, Subbotin V, Aitouche A, Fung JJ, Starzl TE, Rao AS: **Improved surgical technique for the establishment of a murine model of aortic transplantation.** Microsurgery 18:368-371, 1998.
519. Li W, Fu F, Lu L, Narula SK, Fung JJ, Thomson AW, Qian S: **Systemic administration of anti-interleukin-10 antibody prolongs organ allograft survival in normal and presensitized recipients.** Transplantation 66(12):1587-1596, December, 1998.
520. Lucey MR, Brown KA, Everson GT, Fung JJ, Gish R, Keeffe EB, Kneteman NM, Lake JR, Martin P, Rakela J, Shiffman ML, So S, Wiesner RH: **Minimal criteria for placement of adults on the liver transplant waiting list: a report of a national conference organized by the American Society of Transplant Physicians and the American Association for the Study of Liver Diseases.** Transplantation 66(7):956-62, 1998.
521. Ragni MV, Dodson SF, Hunt SC, Bontempo FA, Fung JJ: **Liver transplantation in a hemophilia patient with acquired immunodeficiency syndrome.** Blood 93:1113-1114, 1999.
522. Subbotin V, Sun H, Aitouche A, Salam A, Valdivia LA, Fung JJ, Starzl TE, Rao AS: **The role of Fas/FasL apoptotic pathway in the development of chronic rejection.**  Transplant Proc 31(1-2):1397-1398, 1999.
523. Tang JL, Aitouche A, Subbotin V, Salam A, Sun H, Gandhi C, Valdivia LA, Fung JJ, Starzl TE, Rao AS: **Endothelin-1 receptor blockade and its effect on chronic rejection.** Transplant Proc 31(1-2):1249, 1999.
524. Fu F, Li W, Lu L, Thomson AW, Fung JJ, Qian S: **Systemic administration of CTLA4-Ig or ANTI-CD40 ligand antibody inhibits second-set rejection of mouse liver allografts.** Transplant Proc 31(1-2):1244, 1999.
525. Salam A, Aitouche A, Kuddus R, Peach R, Fung JJ, Rao AS: **The combined use of sublethal irradiation and costimulatory blockade to generate mixed bone marrow chimeras.** Transplant Proc 31(1-2):1197-1198, 1999.
526. Cicalese L, Yacoub W, Subbotin V, Kuddus R, Fung JJ, Stanko R, Rao AS: **Pyruvate inhibits the chronic damage which ensures after ischemia/reperfusion injury of kidneys.** Transplant Proc 31(1-2):1033, 1999.
527. Rastellini C, Salam A, Kuddus R, Aitouche A, Braun M, Leach R, Peach R, Fung JJ, Starzl TE, Rao AS: **Mechanisms underlying the development of T-cell tolerance following interruption of signaling at the CD28/B7 and CD40/gp39 interface.**  Transplant Proc 31(1-2):845, 1999.
528. Lee YC, Lu L, Fu F, Li W, Thomson AW, Fung JJ, Qian S: **Hepatocytes and liver non-parenchymal cells induce apoptosis in activated T cells.** Transplant Proc 31(1-2):784, 1999.
529. Rao AS, Shapiro R, Corry R, Dodson F, Abu-Elmagd K, Pham S, Jordan M, Salgar S, Zeevi A, Rastellini C, Ostrowski L, Aitouche A, Keenan R, Reyes J, Griffith B, Starzl TE, Fung JJ: **Immune modulation in organ allograft recipients by single or multiple donor bone marrow infusions.** Transplant Proc 31(1-2):700-701, 1999.
530. Rastellini C, Cicalese L, Leach R, Braun M, Fung JJ, Starzl TE, Rao AS: **Prolonged survival of islet allografts following combined therapy with tacrolimus and leflunomide.** Transplant Proc31(1-2):646-700, 1999.
531. Abu-Elmagd K, Reyes J, Fung JJ, Mazariegos G, Bueno J, Janov C, Colangelo J, Rao A, Demetris A, Starzl TE: **Evolution of clinical intestinal transplantation: Improved outcome and cost effectiveness.** Transplantation Proc 31(1-2):582-584, 1999.
532. Cicalese L, Yacoub W, Rogers J, Fung JJ, Rao AS, Starzl TE: **Translocation of bacteria from the gastrointestinal tract: protection afforded by lisofylline.** Transplant Proc 31(1-2):575-576, 1999.
533. Cacciarelli TV, Reyes J, Mazariegos GV, Sigurdsson L, Rowe DT, Fung JJ, Green M: **Natural history of Epstein-Barr viral load in peripheral blood of pediatric liver transplant recipients during treatment for posttransplant lymphoproliferative disorder.** Transplant Proc 31(1-2):488-489, 1999.
534. Bonham CA, Kapur S, Geller D, Fung JJ, Pinna A: **Excision and immediate revascularization for hepatic artery pseudoaneurysm following liver transplantation.** Transplant Proc 31(1-2):443, 1999.
535. Shapiro R, Scantlebury VP, Jordan ML, Vivas C, Ellis D, Lombardozzi-Lane S, Gilboa N, Gritsch HA, Irish W, McCauley J, Fung JJ, Hakala TR, Simmons RL, Starzl TE: **Pediatric renal transplantation under tacrolimus-based immunosuppression.** Transplantation 67(2):299-303, 1999.
536. Jain A, Khanna A, Molmenti EP, Rishi N, Fung JJ: **Immunosuppressive therapy.** Transplant Proc 31(1-2):59-76, 1999
537. Fu F, Li W, Lu L, Thomson AW, Fung JJ, Qian S: **Prevention and restoration of second-set liver allograft rejection in presensitized mice: the role of “passenger” leukocytes, donor major histocompatibility complex antigens, and host cytotoxic effector mechanisms.** Transplantation 67(3):444-450, 1999.
538. Kurtek RW, Tauxe WN, Lai KK, Fung JJ: **I-131 orthoiodohippurate assessment of renal function after heart transplantation.** Clin Nucl Med 24(2):117-119, 1999.
539. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, Casavilla AF, McCauley J, Johnston JR, Randhawa P, Irish W, Hakala TR, Fung JJ, Starzl TE: **A prospective, randomized trial of tacrolimus/prednisone versus tacrolimus/ prednisone/ mycophenolate mofetil in renal transplant patients - first report.** Transplant Proc 31(1-2):1134, 1999.
540. Lu L, Lee WC, Gambotto A, Zhong, Robbins PD, Qian S, Fung JJ, Thomson AW: **Transduction of dendritic cells with adenoviral vectors encoding CTLA4-Ig markedly reduces their allostimulatory activity.** Transplant Proc 31(1-2):797, 1999.
541. Fu F, Li W, Lu L, Fung JJ, Thomson AW, Qian S: **Treatment with CTLA4-Ig inhibits rejection of liver allografts from Flt3-ligand-treated donors.** Transplant Proc 31(1-2):453, 1999.
542. Li W, Fu F, Lu L, Narula SK, Fung JJ, Thomson AW, Qian S: **Recipient pretreatment with mammalian IL-10 prolongs mouse cardiac allograft survival by inhibition of anti-donor T cell responses.** Transplant Proc 31(1-2):115, 1999.
543. Nalesnik MA, Zeevi A, Randhawa PS, Faro A, Spichty KJ, Demetris AJ, Fung JJ, Whiteside TL, Starzl TE: **Cytokine mRNA profiles in Epstein-Barr virus-associate posttransplant lymphoproliferative disorders.** Clin Transplant 13(1 pt1):39-44, 1999.
544. Jordan ML, Shapiro R, Gritsch HA, Egidi F, Khanna A, Vivas CA, Scantlebury VP, Fung JJ, Starzl TE, Corry RJ: **Long term results of pancreas transplantation under tacrolimus immunosuppression.** Transplantation 67(2):266-272, 1999.
545. Starzl TE, Rao A, Murase N, Demetris AJ, Thomson A, Fung JJ: **New concepts: chimerism and xenotransplantation.** Surg Clin North Amer 79(1):191-205, 1999.
546. Jain AB, Fung JJ, Kashyap R, Rakela J, Starzl TE: **Primary adult liver transplantation under tacrolimus: more than 90 months actual follow-up survival and adverse events.** Liver Transpl Surg 5(2):144-150, 1999.
547. Jain AB, Hamad I, Zuckerman S, Warty VS, Fung JJ, Venkataramanan R: **Effect of t-tube clamping on the pharmacokinetics of mycophenolic acid in liver transplant patients on oral therapy of mycophenolate mofetil.** Liver Transplant Surg 5(2):101-106, 1999.
548. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Marsh JW, McCauley J, Johnston J, Randhawa P, Irish W, Gritsch HA, Naraghi R, Hakala TR, Fung JJ, Starzl TE: **A prospective, randomized trial of tacrolimus/ prednisone versus tacrolimus/ prednisone/mycophenolate mofetil in renal transplant recipients.** Transplantation 67(3):411-415, 1999.
549. Lee WC, Wan YH, Li W, Fu F, Sime PJ, Gauldie J, Thomson AW, Fung JJ, Lu L, Qian S: **Enhancement of dendritic cell tolerogenicity by genetic modification using adenoviral vectors encoding cDNA for TGFβ1.** Transplant Proc 31(1-2):1195, 1999.
550. Fung JJ, Rao A: **Xenotransplantation - The rationale for persistence.** Medical Crossfire 1(2):46-49, 1999.
551. Subbotin V, Sun H, Aitouche A, Salam A, Valdivia LA, Fung JJ, Starzl TE, Rao AS: **Marked mitigation of transplant vascular sclerosis in FasLgld (CD95L) mutant recipients.** Transplantation 67:1295-1300, 1999.
552. Rastellini C, Salam A, Kuddus R, Aitouche A, Subbotin V, Braun M, Leach R, Peach R, Fung JJ, Starzl TE, Rao AS: **Prevention of T-cell activation by rhCTLA4-Ig and anti-CD40L monoclonal antibody results in indefinite islet allograft survival.** Transplant Proc 31(1-2):1242-1243, 1999.
553. Jain A, Khanna A, Molmenti EP, Rishi N, Fung JJ: **Immunosuppressive therapy: New concepts.** Surg Clin North Amer 79(1):59-76, 1999.
554. Basar H, Soran A, Shapiro R, Vivas C, Scantlebury VP, Jordan ML, Gritsch HA, McCauley J, Randhawa P, Irish W, Hakala TR, Fung JJ: **Renal transplantation in recipients over the age of 60: the impact of donor age.** Transplantation 67(8):1191-1193, 1999.
555. Fung JJ: **Toward tolerance: lessons learned from liver transplantation.** Liver Transplant Surg 5(4 Suppl 1):S90-S97, 1999.
556. Abu-Elmagd K, Reyes J, Fung JJ, Mazariegos G, Bueno J, Martin D, Colangelo J, Rao A, Demetris A, Starzl TE: **Clinical intestinal transplantation in 1998: Pittsburgh experience.** Acta Gastro Belgica 62(2):244-247, 1999.
557. Jain A, Reyes J, Kashyap R, Rohal S, Abu-Elmagd K, Starzl TE, Fung JJ: **What have we learned about primary liver transplantation under tacrolimus immunosuppression? Long term follow-up of the first 1000 patients.** Ann Surg 230(3):441-449, 1999.
558. Corry RJ, Chakrabarti PK, Shapiro R, Rao AS, Dvorchik I, Jordan ML, Scantlebury VP, Vivas CA, Fung JJ, Starzl TE: **Simultaneous administration of adjuvant donor bone marrow in pancreas transplant recipients.** Ann Surg 230(3):372-379, 1999.
559. Iwatsuki S, Dvorchik I, Madariaga JR, Marsh JW, Dodson F, Bonham AC, Geller DA, Gayowski TJ, Fung JJ, Starzl TE: **Hepatic resection for metastatic colorectal adenocarcinoma: a proposal of prognostic scoring system.** J Amer Coll Surg 189(3):291-299, 1999.
560. Cicalese L, Subbotin V, Rastellini C, Stanko RT, Rao AS, Fung JJ: **Preservation injury and acute rejection of rat intestinal grafts: protection afforded by pyruvate.** J Gastrointest Surg 3(5):549-554, 1999.
561. Totsuka E, Dodson F, Urakami A, Moras N, Ishii T, Lee MC, Gutierrez J, Gerardo M, Molmenti E, Fung JJ: **Influence of high donor serum sodium levels on early postoperative graft function in human liver transplantation: effect of correction of donor hypernatremia.** Liver Transpl Surg 5(5):421-428, 1999.
562. Takaya S, Jain A, Yagihashi A, Nakamura K, Kobayashi M, Takeuchi K, Suzuki S, Iwaki Y, Demetris AJ, Todo S, Fung JJ, Starzl TE: **Increased bile duct complications and/or chronic rejection in crossmatch positive human liver allografts.** Transplant Proc 31(5):2028-2031, 1999.
563. Salgar SK, Shapiro R, Dodson F, Corry R, McCurry K, Zeevi A, Pham S, Abu-Elmagd K, Reyes J, Jordan M, Keenan R, Griffith B, Sesky T, Ostrowski L, Starzl TE, Fung JJ, Rao AS:  **Infusion of donor leukocytes to induce tolerance in organ allograft recipients.** J Leukoc Biol 66(2):310-314, 1999.
564. Vargas HE, Laskus T, Wang LF, Lee R, Radkowski M, Dodson F, Fung JJ, Rakela J:  **Outcome of liver transplantation in hepatitis C virus-infected patients who received hepatitis C virus-infected grafts.** Gastroenterol 117(1):149-153, 1999.
565. Dodson SF, Bonham CA, Geller DA, Cacciarelli TV, Rakela J, Fung JJ: **Prevention of de novo hepatitis B infection in recipients of hepatic allografts from anti-HBc positive donors.** Transplantation 68(7):1058-1061, 1999.
566. Lu L, Li W, Zhong C, Qian S, Fung JJ, Thomson AW, Starzl TE: **Increased apoptosis of immunoreactive host cells and augmented donor leukocyte chimerism, not sustained inhibition of B7 molecule expression are associated with prolonged cardiac allograft survival: in mice preconditioned with immature donor dendritic cells plus anti-CD40L mAb.** Transplantation 68(6):747-757, 1999.
567. Cacciarelli TV, Dvorchik I, Mazariegos GV, Gerber D, Jain AB, Fung JJ, Reyes J: **An analysis of pretransplantation variables associated with long-term allograft outcome in pediatric liver transplant recipients receiving primary tacrolimus (FK506) therapy.** Transplantation 68(5):650-655, 1999.
568. Miki T, Subbotin V, Goller AL, Tandin A, Rao AS, Fung JJ, Valdivia LA: **Role of UW solution and sodium nitroprusside in reperfusion of liver xenografts from guinea pig to rat.** Xenotransplantation 6(2):117-122, 1999.
569. Li W, Fu F, Lu L, Narula SK, Fung JJ, Thomson AW, Qian S: **Differential effects of exogenous interleukin-10 on cardiac allograft survival: inhibition of rejection by recipient pretreatment reflects impaired host accessory cell function.** Transplantation 68(9):1402-1409, 1999.
570. Lee PC, Rhee RY, Gordon RY, Fung JJ, Webster MW: **Management of splenic artery aneurysms: the significance of portal and essential hypertension**. J Am Coll Surg 189(5):483-490, 1999.
571. Eghtesad B, Nezakatgoo N, Geraci LC, Jabbour N, Irish WD, Marsh W, Rakela J, Fung JJ: **Liver transplantation for Wilson’s disease: a single center experience.** Liver Transplant Surg 5(6):467-474, 1999.
572. Fung JJ: **Organ allocation: The controversy.** Contemporary Dialysis Nephrol 20(11):19-21, 1999.
573. Kusne S, Grossi P, Irish W, St. George K, Rinaldo C, Rakela J, Fung JJ: **CMV PP65 antigenemia monitoring as a guide for preemptive therapy: a cost effective strategy for prevention of CMV disease in adult liver transplant recipients.** Transplantation 68(8):1125-1131, 1999.
574. Mazariegos GV, O’Toole KO, Mieles LA, Dvorchik I, Meza M, Briassoulis G, Arzate J, Osorio G, Fung JJ, Reyes J: **Hyperbaric oxygen therapy for hepatic artery thrombosis after liver transplantation in children.** Liver Transplant Surg 5(5):429-436, 1999.
575. Paya CV, Fung JJ, Nalesnik MA, Kieff E, Green M, Gores G, Habermann TM, Wiesnser RH, Swinnen LJ, Woodle ES, Bromberg JS: **Epstein-Barr virus-induced posttransplant lymphoproliferative disorders.** Transplantation 68(10):1517-1525, 1999.
576. Kusne S, Shapiro R, Fung JJ: **Prevention and treatment of cytomegalovirus infection in organ transplant recipients.** Transpl Infect Dis 1:187-203, 1999.
577. Shapiro R, Nalesnik M, McCauley J, Fedorek S, Jordan ML, Scantlebury VP, Jain A, Vivas C, Ellis D, Lombardozzi-Lane S, Randhawa P, Johnston J, Hakala TR, Simmons RL, Fung JJ, Starzl TE: **Posttransplant lymphoproliferative disorders in adult and pediatric renal transplant patients receiving tacrolimus-based immunosuppression.** Transplantation 68(12):1851-1854, 1999.
578. Soran A, Shapiro R, Basar H, Vivas C, Scantlebury VP, Jordan ML, Gritsch HA, McCauley J, Randhawa P, Hakala TR, Fung JJ: **Outcome of kidney transplantation under tacrolimus-based immunosuppression in elderly patients.** J Transplant Coord 9(2):101-103, 1999.
579. Jain AB, Kashyap R, Fung JJ: **Current perspective on immunosuppression used in liver transplantation with emphasis on neurotoxicity.** Gastroenterol Intern 12(3):115-122, 1999.
580. [Totsuka E, Fung JJ, Hakamada K, Narumi S, Sasaki M.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10666730&query_hl=1&itool=pubmed_docsum): **Experience of orthotopic liver transplantation from non-heart-beating donors at the University of Pittsburgh Medical Center.** Nippon Geka Gakkai Zasshi. 100(12):818-21, 1999
581. Kurtek RW, Lai KK, Tauxe WN, Eidelman BH, Fung JJ: **Tc-99m hexamethylpropylene amine oxime scintigraphy in the diagnosis of brain death and its implications for the harvesting of organs used for transplantation.** Clin Nucl Med 25(1):7-10, 2000.
582. Reyes J, Gerber D, Mazariegos GV, Casavilla A, Sindhi R, Bueno J, Madariaga J, Fung JJ: **Split liver transplantation: a comparison of ex-vivo and in-situ techniques.** J Pedtr Surg 35(2):283-290, 2000.
583. Jordan ML, Chakrabarti P, Luke P, Shapiro R, Vivas CA, Scantlebury VP, Fung JJ, Starzl TE, Corry RJ: **Results of pancreas transplantation following steroid withdrawal under tacrolimus immunosuppression.** Transplantation 69(2):265-271, 2000.
584. Taniguchi M, Shakil AO, Vargas HE, Laskus T, Demetris AJ, Gayowski T, Dodson SF, Fung JJ, Rakela J: **Clinical and virologic outcomes of hepatitis B and C viral coinfection after liver transplantation: effect of viral hepatitis D.** Liver Transpl 6(1):92-96, 2000.
585. Totsuka E, Fung JJ, Urakami A, Moras N, Ishii T, Takahashi K, Narumi S, Hakamada K, Sasaki M: **Influence of donor cardiopulmonary arrest in human liver transplantation: possible role of ischemic preconditioning.** Hepatology 31(No.3):577-580, 2000.
586. Bueno J, Abu-Elmagd K, Mazariegos G, Madariaga J, Fung JJ, Reyes J: **Composite liver-small bowel allografts with preservation of donor duodenum and hepatic biliary system in children.** J Pedtr Surg 35(No.2):291-296, 2000.
587. Jain A, Brody D, Hamad I, Rishi N, Kanal E, Fung JJ: **Conversion to Neoral for neurotoxicity after primary adult liver transplantation under tacrolimus.** Transplantation 69(No.1):172-176, 2000.
588. Ezure T, Sakamoto T, Tsuji H, Lunz JG, Murase N, Fung JJ, Demetris AJ: **The development and compensation of biliary cirrhosis in interleukin-6 deficient mice.** Am J Pathol 156(5):1627-1639, ay 2000.
589. Celli S, Marto JA, Falchetto R, Shabanowitz J, Valdivia LA, Fung JJ, Hunt DF, Kelly RH: **Serum protein immunogenicity: implications for liver xenografting.** J Electrophoresis 21(5):965-975, 2000.
590. Pham SM, Rao AS, Zeevi A, McCurry KR, Keenan RJ, Kormos RL, Hattler BG, Fung JJ, Starzl TE, Griffith BP: **Effects of donor bone marrow infusion in clinical lung transplantation.** Ann Thorac Surg 69(2):345-350, 2000.
591. Pham SM, Rao AS, Zeevi A, Fontes PA, Kormos RL, McCurry KR, Demetris AJ, Fung JJ, Starzl TE, Griffith BP. **A clinical trial combining donor bone marrow infusion and heart transplantation: results of an intermediate-term follow-up.** J Thorac Cardiovas Surg 119(4 pt 1):673-681, 2000.
592. Shakil AO, Kramer D, Mazariegos G, Mazariegos G, Fung JJ, Rakela J: **Acute liver failure: Clinical features, outcome analysis and applicability of prognostic criteria.** Liver Transplantation 6(2):163-169, 2000.
593. Nelson BP, Nalesnik MA, Bahler DW, Locker J, Fung JJ, Swerdlow SH: **EBV negative posttransplant lymphoproliferative disorders: a distinct entity?** Amer J Surg Pathol 24(3):375-385, 2000.
594. Totsuka E, Fung JJ, Ishii T, Urakami A, Moras NP, Hakamada K, Narumi S, Watanabe N, Nara M, Hashimoto N, Takiguchi M, Nozaki T, Umehara Y, Sasaki M: **Influence of donor condition on postoperative graft survival and function in human liver transplantation.** Transplant Proc 32(2):322-326, 2000.
595. Shakil AO, Jones BC, Lee RG, Federle MP, Fung JJ, Rakela J: **Prognostic value of abdominal CT scanning and hepatic histopathology in patients with acute liver failure.** Dig Dis Sci 45(2):334-339, 2000.
596. Gayowski T, Singh N, Keyes L, Wannstedt CF, Wagener MM, Vargas H, Laskus T, Rakela J, Fung JJ, Marino IR: **Late-onset renal failure after liver transplantation: role of post-transplant alcohol use.** Transplantation 69(3):383-388, 2000.
597. Demetris A, Adams D, Bellamy C, Blakolmer K, Clouston A, Dhillon AP, Fung J, Gouw A, Gustafsson B, Haga H, Harrison D, Hart J, Hubscher S, Jaffe R, Khettry U, Lassman C, Lewin K, Martinez O, Nakazawa Y, Neil D, Pappo O, Parizhskaya M, Randhawa P, Rasoul-Rockenschaub S, Reinholt F, Reynes M, Robert M, Tsamandas A, Wanless I, Wiesner R, Wernerson A, Wrba F, Wyatt J, Yamabe H: **Update of the international Banff schema for liver allograft rejection: working recommendations for the histopathologic staging and reporting of chronic rejection. An international panel.** Hepatology 31(3):792-799, 2000.
598. Soran A, Basar H, Shapiro R, Vivas C, Scantlebury VP, Jordan ML, Gritsch HA, McCauley J, Randhawa P, Hakala TR, Fung JJ: **Renal retransplantation in elderly recipients under tacrolimus-based immunosuppression.** Transplant Proc 32(3):663-664, 2000.
599. Takahashi Y, Geller DA, Gambotto A, Watkins SC, Fung JJ, Murase N: **Adenovirus-mediated gene therapy to liver grafts: successful gene transfer b donor pretreatment.** Surgery 128(2):345-352, 2000.
600. Sakamoto T, Ezure T, Lunz J, Murase N, Tsuji H, Fung JJ, Demetris AJ: **Concanavalin A simultaneously primes liver hematopoietic and epithelial progenitor cells for parallel expansion during liver regeneration after partial hepatectomy in mice.** Hepatology 32(2):256-267, 2000.
601. Dodson F, de Vera ME, Bonham CA, Geller DA, Rakela J, Fung JJ: **Lamivudine following hepatitis B immune globulin is effective in preventing hepatitis B recurrence after liver transplant surgery.** Liver Transplantation 6(4):434-439, 2000.
602. Rogers J, Rohal S, Carrigan DR, Kusne S, Knox KK, Gayowski T, Wagener MM, Fung JJ, Singh N: **Human herpes virus-6 in liver transplant recipients: role in pathogenesis of fungal infections, neurologic complications, and outcome.** Transplantation 69(12):2566-2573, 2000.
603. Blakolmer K, Jain A, Ruppert K, Gray E, Duquesnoy R, Murase N, Starzl TE, Fung JJ, Demetris JJ: **Chronic liver allograft rejection in a population treated primarily with tacrolimus as baseline immunosuppression: long-term follow-up and evaluation of features for histopathological staging.** Transplantation 69(11):2330-2336, 2000.
604. Reyes J, Jain A, Mazariegos G, Kashyap R, Green M, Iurlano K, Fung JJ: **Long term results after conversion from cyclosporine to tacrolimus in pediatric liver transplantation for acute and chronic rejection.** Transplantation 69(12):2573-2580, 2000.
605. Vilchez RA, Fung JJ, Kusne S: **Influenza A myocarditis developing in an adult liver transplant recipient despite vaccination: a case report and review of the literature.** Transplantation 70(3):543-545, 2000.
606. Goller AL, Miki T, Tandin A, Lee YH, Kovseek AM, Fung JJ, Starzl TE, Valdivia LA: **Loss of serum bicarbonate after discordant liver xenotransplantation.** Transplant Proc 32(5):1110, 2000.
607. Tandin A, Goller AL, Miki T, Lee YH, Kovseek AM, Fung JJ, Starzl TE, Valdivia LA: **Concordant hamster-to-rat liver xenotransplantation leads to hyperlipidemia**. Transplant Proc 32(5):1109, 2000.
608. Miki T, Lee YH, Tandin A, Subbotin V, Kuddus R, Rao AS, Fung JJ, Starzl TE, Valdivia LA: **Xenogeneic humoral graft-vs.-host disease following hamster-to-rat bone marrow transplantation.** Transplant Proc 32(5):1036-1037, 2000.
609. Lee YH, Miki T, Kuddus R, Tandin A, Goller AL, Subbotin V, Fung JJ, Peach R, Valdivia LA, Rao AS: **Administration of CTLA4-Ig enhances the incidence of hamster-to-rat xenogeneic bone marrow engraftment and alters the presentation of graft-vs.-host disease.** Transplant Pro 32(5):1032-1033, 2000.
610. Chakrabarti P, Wong HY, Scantlebury VP, Jordan ML, Vivas C, Ellis D, Lombardozzi-Lane S, Hakala TR, Fung JJ, Simmons RL, Starzl TE, Shapiro R: **Outcome after steroid withdrawal in pediatric renal transplant patients receiving tacrolimus-based immunosuppression.** Transplantation 70(5):760-764, 2000.
611. Cicalese L, Kuddus R, Yacoub W, Subbotin V, Fung JJ, Starzl TE: **Ischemia/reperfusion injury induces chronic changes in the small bowel.** Transplant Proc 32(6):1315, 2000.
612. Giraldo M, Martin D, Colangelo J, Bueno J, Reyes J, Fung JJ, Starzl TE, Abu-Elmagd K: **Intestinal transplantation for patients with short gut syndrome and hypercoagulable states.** Transplant Proc 32(6):1223-1224, 2000.
613. Madariaga JR, Reyes J, Mazariegos G, Fung JJ, Starzl TE, Abu-Elmagd K: **The long-term efficacy of multivisceral transplantation.** Transplant Proc 32(6):1219-1220, 2000.
614. Nalesnik M, Jaffe R, Reyes J, Mazariegos G, Fung JJ, Starzl TE, Abu-Elmagd K: **Posttransplant lymphoproliferative disorders in small bowel allograft recipients.** Transplant Proc 32(6):1213, 2000.
615. Cicalese L, Sileri P, Green M, Abu-Elmagd K, Fung JJ, Starzl TE, Reyes J: **Bacterial translocation in clinical intestinal transplantation.** Transplant Proc 32(6):1210, 2000.
616. Bond G, Reyes J, Mazariegos G, Wu T, Schaefer N, Demetris J, Fung JJ, Starzl TE, Abu-Elmagd K: **The impact of positive T-cell lymphocytotoxic crossmatch on intestinal allograft rejection and survival.** Transplant Proc 32(6):1197-1198, 2000.
617. Jain A, Mazariegos G, Kashyap R, Green M, Gronsky C, Starzl TE, Fung JJ, Reyes J: **Comparative long-term evaluation of tacrolimus and cyclosporine in pediatric liver transplantation.** Transplantation 70(4):617-625, 2000.
618. Madariaga JR, Fung JJ, Gutierrez J, Bueno J, Iwatsuki S: **Liver resection combined with excision of vena cava.** Am College Surg 191(3):244-250, 2000.
619. Takahashi Y, Geller DA, Gambotto A, Watkins SC, Fung JJ, Murase N: **Adenovirus-mediated gene therapy to liver grafts: successful gene transfer by donor pretreatment.** Surgery 128(2):345-352, 2000.
620. Chang CY, Sakashita N, Ornvold K, Lee O, Chang ET, Dong R, Lin S, Lee G, Strom S, Kashyap R, Fung J, Patoiseau JF, Delhon A, Yuan TA: **Immunological quantitation and localization of ACAT-1 and ACAT-2 in human liver and small intestine.** J Biol Chem8(36):28083-28092, 2000
621. Jain A, Reyes J, Kashyap R, Dodson F, Demetris AJ, Ruppert K, Abu-Elmagd K, Marsh W, Madariaga J, Mazariegos G, Geller D, Bonham AC, Gayowski T, Cacciarelli T, Fontes P, Starzl TE, Fung JJ: **Long-term survival after liver transplantation in 4000 consecutive patients at a single center.** Ann Surg232(4):490-500, 2000.
622. Chapman WC, Clavien P-A, Fung JJ, Khanna A, Bonham A: **Effective control of hepatic bleeding with a novel collagen-based composite combined with autologous plasma.** Arch Surg 135(10)1200-1205, 2000.
623. Iwatsuki S, Dvorchik I, Marsh JW, Madariaga JR, Carr C, Fung JJ, Starzl TE: **Liver transplantation for hepatocellular carcinoma: A proposal of a prognostic scoring system.** J Am Coll Surg 191(4):389-394, 2000.
624. Lee W, Qian S, Wan Y, Li W, Xing Z, Gauldie J, Fung JJ, Thomson AW, Lu L: **Contrasting effects of myeloid dendritic cells transduced with an adenoviral vector encoding interleukin-10 on organ allograft and tumor rejection.** Immunology 101(2):233-241, 2000.
625. Abu-Elmagd K, Reyes J, Bueno J, Martin D, Madariaga J, Mazariegos G, Bond G, Corry R, Starzl TE, Fung JJ: **Logistics and technique for procurement of intestinal, pancreatic, and hepatic grafts from the same donor.** Ann Surg 232(5):680-687, 2000.
626. Koike C, Friday RP, Nakashima I, Luppi P, Fung JJ, Rao AS, Starzl TE, Trucco M: **Isolation of the regulatory regions and genomic organization of the porcine alpha-1, 3-galactosyltransferase gene.** Transplantation 70(9):1275-1283, 2000.
627. Giannoukakis N, Bonham CA, Qian S, Zhou Z, Peng L, Harnaha J, Li W, Thomson AW, Fung JJ, Robbins PD, Lu: **Prolongation of cardiac allograft survival using dendritic cells treated with NFkB decoy oligodeoxyribonucleotides.** Molecular Ther 1(5 Pt.1):430-437, 2000.
628. Murase N, Ye Q, Nalesnik MA, Demetris AJ, Abu-Elmagd K, Reyes J, Ichikawa N, Okuda T, Fung JJ, Starzl TE: **Immunomodulation for intestinal transplantation by allograft irradiation, adjunct donor bone marrow infusion, or both.** Transplantation 70(11):1632-1641, 2000.
629. Nardo B, Valdivia LA, Catena F, Cavallari G, Demetris AJ, Rao AS, Fung JJ, Starzl TE, Cavallari A: **Evidence of microchimerism after pretransplant blood transfusion and FK506 in liver xenograft.** Transplant Proc 32(8):2710-2712, 2000.
630. Fung JJ: **Understanding and preventing late graft loss.** Transplant Proc 32(7):1514, 2000.
631. Fung JJ: **Use of non-heart beating donors.** Transplant Proc 32(7):1510-1511, 2000.
632. Metes D, Storkus W, Zeevi A, Patterson K, Logar AJ, Rowe D, Nalesnik MA, Fung JJ, Starzl TE, Rao AS: **Ex vivo generation of effective Epstein-Barr virus (EBV)-specific CD8+ cytotoxic T lymphocytes from the peripheral blood of immunocompetent EBV-seronegative individuals.** Transplantation 70(10):1507-1515, 2000.
633. Jain A, DiMartini A, Kashyap R, Youk A, Rohal S, Fung JJ: **Long-term follow-up after liver transplantation for alcoholic liver disease under tacrolimus.** Transplantation 70(9):1335-1342, 2000.
634. Starzl TE, Murase N, Demetris A, Trucco M, Fung J: **The mystique of hepatic tolerogenicity**. Semin Liver Dis 20(4):497-510, 2000.
635. Mateo R, Fung JJ: **Portal hypertension: a multidisciplinary approach to current clinical management [Book Review].** Cardiovasc Surg 7(2):167-168, 2000.
636. Abu-Elmagd K, Fung J, McGhee W, Martin D, Mazariegos G, Schaefer N, Demetris J, Starzl TE, Reyes J: **The efficacy of daclizumab for intestinal transplantation: preliminary report.** Transplant Proc 32(6):1195-1196, 2001.
637. Kuddus R, Patzer JF, Lopez R, Mazariegos GV, Meighen B, Kramer DJ, Fung JJ, Rao AS: **Valuation of transmission of porcine endogenous retrovirus into patients subjected to hemoperfusion using an extracorporeal bioartificial liver support system.** Transplant Proc 33(1-2):1976, 2001.
638. Kashyap R, Jain A, Reyes J, Demetris AJ, Elmagd KA, Dodson SF, Marsh W, Madariaga V, Mazariegos G, Geller D, Bonham CA, Cacciarelli T, Fontes P, Starzl TE, Fung JJ: **Causes of retransplantation after primary liver transplantation in 4000 consecutive patients: 2 to 19 years follow-up.** Transplant Proc 33(1-2):1486-1487, 2001.
639. Kashyap R, Jain A, Reyes J, Demetris AJ, Abu-Elmagd K, Dodson SF, Marsh W, Mazariegos G, Geller D, Bonham CA, Cacciarelli T, Fontes P, Starzl TE, Fung JJ: **Causes of death after liver transplantation in 4000 consecutive patients: 2-19 years follow-up.** Transplant Proc 33(1-2)1482-1483, 2001.
640. Rao AS, Dvorchik I, Dodson F, Abu-Elmagd K, Schaefer AT, Ostrowski L, Valenti M, Zeevi A, Kuddus R, Starzl TE, Fung JJ: **Donor bone marrow infusion in liver recipients: effect on the occurrence of acute cellular rejection.**  Transplant Proc 33(1-2)1352, 2001.
641. Jain A, Kashyap R, Kramer D, Dodson F, Hamad I, Starzl TE, Fung JJ: **Prospective randomized trial of tacrolimus and prednisone versus tacrolimus, prednisone and mycophenolate mofetil a complete report on 350 primary adult liver transplants.** Transplant Proc 33(1-2)1342-1344, 2001.
642. Chakrabarti P, Wong HY, Toyofuku A, Scantlebury VP, Jordan ML, Vivas C, Jain AB, McCauley J, Johnston J, Randhawa PS, Hakala TR, Simmons RL, Fung JJ, Starzl TE, Shapiro R: **Outcome after steroid withdrawal in adult renal transplant patients receiving tacrolimus-based immunosuppression.** Transplant Proc 33(1-2):1235-1236, 2001.
643. Shapiro R, Rao AS, Corry RJ, Valenti M, Zeevi A, Jordan ML, Scantlebury VP, Vivas CA, Jain A, McCauley J, Randhawa P, Gray EA, Dvorchik I, McMichael J, Fung JJ, Starzl TE: **Kidney transplantation with bone marrow augmentation – five year outcomes.** Transplant Proc 33(1-2)1134-1135, 2001.
644. Tandin A, Miki T, Metes D, Lee Y, Kovscek AM, Subbotin V, Fung JJ, Valdivia LA: **Immune complex disease in immunosuppressed rat recipients of hamster liver xenografts.** Transplant Proc 33(1-2)778, 2001.
645. Koike C, Friday R, Fung JJ, Starzl TE, Trucco M: **Comparison of the regulatory regions of the alpha1, 3 galactosyltransferase gene between murine and porcine species.** Transplant Proc 33(1-2)710-711, 2001.
646. Chen Z, Lu L, Li J, Li W, Fung JJ, Xiao X, Qian S: **Transfection with genes encoding CTLA4Ig mediated by adeno associated virus vectors prolongs survival of heart allografts.** Transplant Proc 33(1-2)604, 2001.
647. Qian S, Wang Z, Li W, Chen Z, Zhang H, Vickers T, Fung JJ, Lu L: **Administration of antisense oligodeoxyribonucleotides against mRNA of CD 80 or CD86 prolongs survival of cardiac allografts by inhibition of CTL activity.** Transplant Proc 33(1-2)551, 2001.
648. Li W, Lu L, Wang L, Wang Z, Thomson AW, Fung JJ, Qian S: **Neutralization of IL-12 reverses rejection of mouse liver allografts from Flt ligand-treated donors and is associated with suppression of both cellular and humoral responses.** Transplant Proc 33(1-2)525, 2001.
649. Metes D, Storkus WJ, Zeevi A, Watkins S, Patterson K, Nellis J, Logar A, Fung JJ, Rao AS: **Use of autologous dendritic cells loaded with apoptotic LCL for ex vivo generation of specific CTL from the PBMC of EBV(-) individuals.** Transplant Proc 33(1-2)441, 2001.
650. Tang JL, Woodward JE, Subbotin V, Logar AJ, Sun H, Valdivia LA, Schaefer AT, Zottola LB, Peach R, Fung JJ, Rao AS: **Blockade of the CD28/B7 and CD40/CD40L costimulatory pathways does not ameliorate chronic rejection in a mouse aortic allograft model of direct antigen presentation.** Transplant Proc 33(1-2)382, 2001.
651. Metes D, Morel PA, Nellis J, Fung JJ, Rao AS: **FcgammaR11c 12Q/STP polymorphism influences the antibody-dependent cytotoxicity levels triggered by natural killer cells against pig aortic endothelial cells.** Transplant Proc 33(1-2)333, February, 2001.
652. Sun H, Subbotin V, Woodward J, Valdivia L, Fung JJ, Rao AS: **Role of MHC class I and CD8(+) T cells in the pathogenesis of chronic rejection.** Transplant Proc 33(1-2)319, 2001.
653. Tang JL, Woodward JE, Subbotin V, Logar AJ, Sun H, Valdivia LA, Schaefer AT, Zottola LB, Peach R, Fung JJ, Rao AS: **Presentation of MHC-disparate donor antigens predominantly by the indirect pathway results in the development of posttransplant vasculopathy: salutary effects of perioperative costimulatory blockade.** Transplant Proc 33(1-2)307, February, 2001.
654. Liang X, Lu L, Zhang H, Vickers T, Fung JJ, Qian S: **Phenotype and allostimulatory function of dendritic cells treated with antisense oligodeoxyribonucleotides targeting CD80 or CD86 mRNA.** Transplant Proc 33(1-2)235, 2001.
655. Miki T, Sun H, Lee Y, Tandin A, Kovscek AM, Subbotin V, Fung JJ, Valdivia LA: **Blockade of tryptophan catabolism prevents spontaneous tolerogenicity of liver allografts.** Transplant Proc 33(1-2)129-130, 2001.
656. Murali S, Tokardzyk T, Ristich J, McCurry K, MacGowan GA, Rosenblum WD, McNamara DM, Shapiro R, Fung JJ, Kormos RL: **Short-term survival with combined heart-kidney or combined heart-liver transplantation with allografts from a single donor.** J Heart Lung Transplant 20(2):168, 2001.
657. Molmenti EP, Jain AB, Shapiro R, Scantlebury V, Lee R, Totsuka E, Flohr J, Rakela J, Fung JJ: **Kidney transplantation for end-stage renal failure in liver transplant recipients with hepatitis C viral infection.** Transplantation 71(2):267-270, 2001.
658. Li W, Lu L, Wang Z, Wang L, Fung JJ, Thomson AW, Qian S: **Il-12 antagonism enhances apoptotic death of t cells within hepatic allograft from Flt3 ligand-treated donors and promotes graft acceptance.** J Immunol 166(9):5619-5628, 2001.
659. Fung JJ: **Ischemic preconditioning: Application in clinical liver transplantation.** Liver Transpl 7(4)300-301, 2001.
660. Lunz JG, Contrucci S, Ruppert K, Murase N, Fung JJ, Starzl TE, Demetris AJ: **Replicative senescence of biliary epithelial cells precedes bile duct loss in chronic liver allograft rejection: increased expression of p21(WAF1/Cip1): a disease marker and the influence of immunosuppressive drugs.** Am J Pathol 58(4):1379-1390, 2001.
661. Jain A, Venkataramanan R, Hamad IS, Zuckerman S, Zhang S, Lever J, Warty VS, Fung JJ: **Pharmacokinetics of mycophenolic acid after mycophenolate mofetil administration in liver transplant patients treated with tacrolimus.** J Clin Pharmacol 41(3):268-276, 2001.
662. Fung JJ and Costasis Multi-center Collaborative Writing Committee: **A novel collagen-based composite offers effective hemostasis for multiple surgical indications: results of a randomized controlled trial.** Surgery 129(4):445-450, 2001.
663. Jain A, Mazariegos G, Kashyap R, Marsh W, Khanna A, Iurlano K, Fung JJ, Reyes J: **Reasons why some children receiving tacrolimus therapy require steroids more than 5 years post liver transplantation.** Pedtr Transplantation 5:93-98, 2001.
664. Lu L, Bonham CA, Liang X, Chen Z, Li W, Wang L, Watkins SC, Nalesnik MA, Schlissel MS, Demetris AJ, Fung JJ, Qian S: **Liver-derived DEC205+, B220+, CD19¯ dendritic cells regulate T cell responses.** J Immunol 166(12):7042-7052, 2001.
665. Jain A, Demetris AJ, Kashyap R, Blakomer K, Ruppert K, Khan A, Rohal S, Starzl TE, Fung JJ: **Does tacrolimus offer virtual freedom from chronic rejection after primary liver transplantation? Risk and prognostic factors in 1,048 liver transplantations with a mean follow-up of 6 years.** Liver Transpl 7(7):623-630, 2001.
666. Vilchez RA, Linden P, Lacomis J, Costello P, Fung J, Kusne S: **Acute respiratory failure associated with pulmonary cryptococcosis in non-AIDS patients.** Chest 119(6):1865-1869, 2001.
667. Jain A, Kashyap R, Marsh W, Rohal S, Khanna A, Fung JJ: **Reasons for long-term use of steroid in primary adult liver transplantation under tacrolimus.** Transplantation 71(8):1102-1106, 2001.
668. Sindhi R, Webber S, Venkataramanan R, McGhee W, Phillips S, Smith A, Baird C, Iurlano K, Mazariegos G, Cooperstone B, Holt DW, Zeevi A, Fung JJ, Reyes J: **Sirolimus for rescue and primary immunosuppression in transplanted children receiving tacrolimus.** Transplantation 72(5):851-855, 2001.
669. Vilchez RA, Irish W, Lacomis J, Costello P, Fung J, Kusne S: **The Clinical epidemiology of pulmonary cryptococcosis in non-AIDS patients at a tertiary care medical center.** Medicine 80(5):308-312, 2001.
670. Bellamy COC, DiMartini AM, Ruppert K, Jain A, Dodson F, Torbenson, Starzl TE, Fung JJ, Demetris AJ: **Liver transplantation for alcoholic cirrhosis: long term follow-up and impact of disease recurrence.** Transplantation 72(4):619-626, 2001.
671. Kirmlioglu H, Dvorchick I, Ruppert K, Finkelstein S, Marsh JW, Iwatsuki S, Bonham A, Carr B, Nalesnik M, Michalopoulos G, Starzl T, Fung J, Demetris A: **Hepatocellular carcinomas in native livers from patients treated with orthotopic liver transplantation: biologic and therapeutic implications.** Hepatology 34(3):502-510, 2001.
672. Abu-Elmagd K, Reyes J, Bond G, Mazariegos G, Wu T, Murase N, Sindhi R, Martin D, Colangelo J, Zak M, Janson D, Ezzelarab M, Dvorchik I, Parizhskaya M, Deutsch M, Demetris A, Fung J, Starzl TE: **Clinical intestinal transplantation: a decade of a single center experience.** Ann Surg 234(3):404-417, 2001.
673. Kashyap R, Jain A, Nalesnik M, Carr B, Barnes J, Rakela J, Fung JJ: **Clinical significance of elevated alpha-fetoprotein in adults and children.** Dig Dis Sci 46(8):1709-1713, 2001.
674. Chapman WC, Clavien P, Fung JJ, Block JE: **Managing hepatic bleeding with autologous plasma/collagen-based fibrin sealant.** Arch Surg 136(8):967, 2001.
675. Ahmed M, Venkataraman R, Logar AJ, Rao AS, Bartley GP, Robert K, Dodson FS, Shapiro R, Fung JJ, Zeevi A: **Quantitation of immunosuppression by tacrolimus using flow cytometric analysis of interleukin-2 and interferon-gamma inhibition in CD8- and CD8+ peripheral blood T cells.** Ther Drug Monit 23(4):354-362, 2001.
676. Cacciarelli TV, Reyes J, Jaffe R, Mazariegos GV, Jain A, Fung JJ, Green M: **Primary tacrolimus (FK506) therapy and the long-term risk of post-transplant lymphoproliferative disease in pediatric liver transplant recipients.** Peditr Transplantation 5:359-364, 2001.
677. Fung JJ: **Organ allocation in the United States: Where does it stand?** J Am Coll Surg 192(1):118-124, 2001.
678. Jain A, Kashyap R, Dodson F, Kramer D, Hamad I, Khan A, Starzl TE, Fung JJ: **Prospective randomized trial of tacrolimus and prednisone versus tacrolimus, prednisone and mycophenolate mofetil in primary adult liver transplantation: a single center report.** Transplantation 72(6):1091-1097, 2001.
679. Rogers J, Bueno J, Shapiro R, Scantlebury V, Mazariegos G, Fung J, Reyes J: **Results of simultaneous and sequential pediatric liver and kidney transplantation.** Transplantation 72(10):1666-1670, 2001.
680. Fung JJ, Jain A, Kwak EJ, Kusne S, Dvorchik I, Eghtesad B: **De novo malignancies after liver transplantation: a major cause of late death.** Liver Transpl 7(11 Suppl 2):S109-S118, November, 2001.
681. Li W, Lu L, Wang Z, Wang L, Fung JJ, Thomson AW, Qian S: **Costimulation blockade promotes the apoptotic death of graft-infiltrating T cells and prolongs survival of hepatic allografts from FLT3L-treated donors.** Transplantation 72(8):1423-1432, 2001.
682. Malago M, Testa G, Marcos A, Fung JJ, Siegler M, Cronin DA, Broelsch CE: **Ethical considerations and rationale of adult-to-adult living donor liver transplantation.** Liver Transpl 7(10):921-927, 2001.
683. Ahmad J, Dodson SF, Demetris AJ, Fung JJ, Shakil AO: **Recurrent hepatitis C after liver transplantation: A nonrandomized trial of interferon alfa alone versus interferon alfa and ribavirin.** Liver Transpl 7(10):863-869, 2001.
684. Molmenti EP, Marsh JW, Molmenti H, Reyes J, Fung JJ: **Modified temporary end-to-side portocaval shunt in liver and small bowel transplantation.** Pediatr Transplant 5(5):381-382, 2001.
685. Minervini MI, Yagi Y, Marino IR, Lawson A, Nalesnik M, Randhawa P, Wu T, Fung JJ, Demetris A: **Development and experience with an integrated system for transplantation telepathology.** Human Pathol 32(12):1334-1343, 2001.
686. Miki T, Lee YH, Tandin A, Subbotin V, Goller A, Kovscek A, Fung JJ, Valdivia LA: **Hamster-to-rat bone marrow xenotransplantation and humoral graft vs. host disease.** Xenotransplantation 8:213-221, 2001.
687. Chiang YJ, Lu L, Fung JJ, Qian S: **Liver-derived dendritic cells induce donor-specific hyporesponsiveness: use of sponge implant as a cell transplant model.** Transplantation 10:343-350, 2001.
688. Shapiro R, Randhawa P, Jordan ML, Scantlebury VP, Vivas C, Jain A, Corry RJ, McCauley J, Johnston J, Donaldson J, Gray EA, Dvorchik I, Hakala TR, Fung JJ, Starzl TE. **An analysis of early renal transplant protocol biopsies--the high incidence of subclinical tubulitis.** Am J Transplant. 1(1):47-50, 2001
689. Thomson AW, Mazariegos GV, Reyes J, Donnenberg VS, Donnenberg AD, Bentlejewski C, Zahorchak AF, O'Connell PJ, Fung JJ, Jankowska-Gan E, Burlingham WJ, Heeger PS, Zeevi A. **Monitoring the patient off immunosuppression. Conceptual framework for a proposed tolerance assay study in liver transplant recipients**. Transplantation. 72(8 Suppl):S13-22, 2001
690. Garrido V, Bond GJ, Mazariegos G, Wu T, Martin D, Colangelo J, Ezzelarab M, Fung J, Reyes J, Abu-Elmagd K. **Late severe rejection of intestinal allografts: risks and survival outcome.** Transplant Proc. 33(1-2):1556-7,2001
691. [Minervini MI, Yagi Y, Marino IR, Lawson A, Nalesnik M, Randhawa P, Wu T, Fung JJ, Demetris A.](http://www.ncbi.nlm.nih.gov/pubmed/11774166?ordinalpos=115&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum): **Development and experience with an integrated system for transplantation telepathology.** Hum Pathol 32(12):1334-43, 2001
692. Jain A, Kashyap R, Demetris AJ, Eghtesad B, Pokharna R, Fung JJ: **A prospective randomized trial of mycophenolate mofetil in liver transplant recipients with hepatitis C.** Liver Transplant 8(1):40-46, 2002.
693. Dvorchik I, Subbotin M, Demetris JA, Fung JJ, Starzl TE, Wieand S, Abu-Elmagd K: **Effect of liver transplantation on inflammatory bowel disease in patients with primary sclerosing cholangitis.** Hepatology 35(2):380-384, 2002.
694. Shullo MA, Rose ML, Vivas C, Jordan ML, Scantlebury VP, Jain A, Corry RJ, Fung JJ, McCauley J, Johnston J, Shapiro R: **Hemorrhagic complications of enoxaparin and aspirin in patients with kidney transplants.** Pharmacotherapy 22(2):184-187, 2002.
695. Molmenti EP, Marsh JW, Fung JJ, Casavilla FA: **Rapid temporary portosystemic bypass.** Dig Dis Sci 47(2):448-449, 2002.
696. Koike C, Fung JJ, Geller DA, Kannagi R, Libert T, Luppi P, Nakashima I, Profozich J, Rudert W, Sharma SB, Starzl TE, Trucco M: **Molecular basis of evolutionary loss of the alpha 1,3-Galactosyltransferase gene in higher primates.**  J Biol Chem277(12):10114-10120, 2002.
697. Joya-Vazquez PP, Dodson FS, Dvorchik I, Gray E, Chesky A, Demetris AJ, Shakil O, Fung JJ, Vargas HE: **Impact of anti-hepatitis Bc-positive grafts on the outcome of liver transplantation for HBV-related cirrhosis.** Transplantation 73(10)1598-1602, 2002.
698. Pinna AD, Rakela J, Demetris AJ, Fung JJ: **Five cases of fulminant hepatitis due to herpes simplex virus in adult patients.** Dig Dis Sci 47(4):750-754, 2002.
699. Jain A, Mazariegos G, Kashyap R, Kosmach-Park B, Starzl TE, Fung J, Reyes J: **Pediatric liver transplantation. A single center experience spanning 20 years.** Transplantation 73(6):941-947, 2002.
700. Vilchez RA, Fung J, Kusne S: **Cryptococcosis in organ transplant recipients: an overview.** Am J Transplantation 2:575-580, 2002.
701. Fung JJ: **Fungal infection in liver transplantation.** Transplant Infect Dis 4(Suppl. 3):18-23, 2002.
702. Jain A, Mazariegos G, Pokharna R, Parizhskaya M, Smith A, Kashyap R, Fung JJ, Reyes J: **Almost total absence of chronic rejection in primary pediatric liver transplantation under tacrolimus.** Transplant Proc 34(5):1968-1969, August 2002.
703. Jain A, Mazariegos G, Kashyap R, Kosmach-Park B, Starzl T, Fung J, Reyes J: **Pediatric liver transplantation in 808 consecutive children: 20-years experience from a single center.** Transplant Proc 34(5):1955-1957, 2002.
704. Shapiro R, Scantlebury V, Jordan M, Vivas C, Jain A, Hakala T, McCauley J, Johnston J, Randhawa P, Fedorek S, Gray E, Chesky A, Dvorchik I, Donaldson J, Fung J, Starzl T: **A pilot trial of tacrolimus, sirolimus, and steroids in renal transplant recipients.** Transplant Proc 34(5):1651-1652, 2002.
705. Jain A, Venkataramanan R, Shapiro R, Scantlebury V, Potdar S, Bonham C, Pokharna R, Rohal S, Ragni M, Fung J: **Interaction between tacrolimus and antiretroviral agents in human immunodeficiency virus-positive liver and kidney transplantation patients.** Transplant Proc 34(5):1540, 2002.
706. Jain A, Pokharna R, Eghtesad B, Potdar S, Kashyap R, Kingery L, Fung J: **Steroid withdrawal under tacrolimus for primary biliary cirrhosis, primary sclerosing cholangitis and autoimmune hepatitis after liver transplantation and long-term survival.** Transplant Proc 34(5):1524, 2002.
707. Chiang P, Wang L, Liang Y, Liang X, Qian S, Fung J, Bonham C, Lu L: **Inhibition of IL-12 signaling stat4/IFN-gamma pathway by rapamycin is associated with impaired dendritic cell function.** Transplant Proc 34(5):1394-1395, 2002.
708. Beckebaum S, Cicinnati V, Dworacki G, Muller-Berghaus J, Stolz D, Harnaha J, Whiteside T, Thomson A, Lu L, Fung J, Bonham C: **Reduction in the circulating pDC1/pDC2 ratio and impaired function of ex vivo-generated DC1 in chronic hepatitis B infection.** Clin Immunol 104(2):138-50, 2002.
709. Tsoulfas G, Takahashi Y, Ganster RW, Yagnik G, Zhong G, Fung JJ, Murase N, Geller DA: **Activation of the LPS signaling pathway in hepatic transplantation preservation injury.** Transplantation 74(1):7-13, 2002.
710. Jain A, Eghtesad B, Venkataramanan R, Fontes PA, Kashyap R, Dvorchik I, Obaid S, Kingery L, Fung JJ: **Ribavirin dose modification based on renal function is necessary to reduce hemolysis in liver transplant patients with hepatitis C virus infection.**  Liver Transpl 8(11):1007-1013, 2002.
711. Kapoor V, Peterson MS, Baron RL, Patel S, Eghtesad B, Fung JJ: **Intrahepatic biliary anatomy of living adult liver donors: correlation of mangafodipir trisodium-enhanced MR cholangiography and intraoperative cholangiography.** Am J Roentgenol 179(5):1281-1286, 2002.
712. Jain A, Nalesnik M, Reyes J, Pokharna R, Mazariegos G, Green M, Eghtesad B, Marsh W, Cacciarelli T, Fontes P, Abu-Elmagd K, Sindhi R: **Posttransplant lymphoproliferative disorders in liver transplantation: a 20-year experience.** Ann Surg 236(4):429-436, 2002.
713. Castiglioni B, Sutton DA, Rinaldi MG, Fung J, Kusne S: **Pseudallescheria boydii (anamorph scedosporium apiospermum). Infection in solid organ transplant recipients in a tertiary medical center and review of the literature.** Medicine 81(5):338-348, 2002.
714. Bonham CA, Peng L, Liang X, Chen Z, Wang L, Ma L, Hackstein H, Robbins PD, Thomson AW, Fung JJ, Qian S, Lu L: **Marked prolongation of cardiac allograft survival by dendritic cells genetically engineered with NF-kappa B oligodeoxyribonucleotide decoys and adenoviral vectors encoding CTLA4-Ig.** J Immunol 169(6):3382-3391, 2002.
715. Jain AK, Venkataramanan R, Shapiro R, Scantlebury VP, Potdar S, Bonham CA, Ragni M, Fung JJ: **The interaction between anti-retroviral agents and tacrolimus in liver and kidney transplant patients.** Liver Transpl 8(9):841-845, 2002.
716. Jain AB, Venkataramanan R, Fridell JA, Gadomski M, Ragni M, Fung J: **Nelfinavir, a protease inhibitor, increases sirolimus levels in liver transplant patients: a case report.** Liver Transpl 8(9):838-840, 2002.
717. Fung J and Marsh W: **The quandary over liver transplantation for hepatocellular carcinoma: The greater sin?** Liver Transpl 8(9):775-777, 2002.
718. Gandhi CR, Murase N, Subbotin VM, Uemura T, Nalesnik M, Demetris AJ, Fung JJ, Starzl TE: **Portacaval shunt causes apoptosis and liver atrophy in rats despite increases in endogenous levels of major hepatic growth factors.** J Hepatology 37(3):340, 2002.
719. Daly I, Jain A, Reyes J, Fung J: **Mycophenolate mofetil for treatment of chronic rejection in liver allograft under tacrolimus.** Transplant Proc 34:1503, 2002.
720. Demetris AJ, Ruppert K, Dvorchik I, Jain A, Minervini M, Nalesnik MA, Randhawa P, Wu T, Zeevi A, Abu-Elmagd K, Eghtesad B, Fontes P, Cacciarelli T, Marsh W, Geller D, Fung JJ: **Real-time monitoring of acute liver-allograft rejection using the Banff schema.** Transplantation 74(9)1290-1296, 2002.
721. Fung JJ: **A tribute to Thomas E. Starzl, M.D., Ph.D.** Am J Transplant 2(1):4-6, 2002.
722. Totsuka E, Fung JJ, Lee MC, Ishii T, Umehara M, Makino Y, Chang TH, Toyoki Y, Narumi S, Hakamada K, Sasaki M: **Influence of cold ischemia time and graft transport distance on postoperative outcome in human liver transplantation.** Surg Today 32(9):792-799, 2002.
723. Wu G, Vilchez RA, Eidelman B, Fung J, Kormos R, Kusne S: **Cryptococcal meningitis: an analysis among 5521 consecutive organ transplant recipients.** Transplant Infect Dis 4(4):183-188, 2002.
724. Vilchez RA, Fung J, Kusne S: **The pathogenesis and management of influenza virus infection in organ transplant recipients.** Transplant Infect Dis 4(4)177-182, 2002.
725. Patzer II JF, Lopez RC, Zhu Y, Wang ZF, Mazariegos GV, Fung JJ: **Bioartificial liver assist devices in support of patients with liver failure**. Hepatobiliary Pancreat Dis Int 1(1):18-25, 2002
726. [Zhou GW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Zhou%20GW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Cai WY](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Cai%20WY%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Li HW](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Li%20HW%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Zhu Y](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Zhu%20Y%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Dodson F](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Dodson%20F%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus), [Fung JJ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fung%20JJ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVAbstractPlus): **Transjugular intrahepatic portosystemic shunt for liver transplantation.** [Hepatobiliary Pancreat Dis Int.](javascript:AL_get(this,%20'jour',%20'Hepatobiliary%20Pancreat%20Dis%20Int.');) 1(2):179-82, 2002
727. Zhou G, Cai W, Li H, Zhu Y, Fung JJ.: **Experiences relating to management of biliary tract complications following liver transplantation in 96 cases**. Chin Med J (Engl) 115(10):1533-7, 2002
728. Fung JJ, Thomson AW, Shapiro R.: **Highlights of the Festschrift in honor of Thomas E. Starzl, MD, PHD.** Am J Transplant. 2(1):7-11. 2002
729. Fridell JA, Jain AKB, Patel K, Virji M, Rao KN, Fung JJ, Venkataramanan R: **Phenytoin decreases the blood concentrations of sirolimus in a liver transplant recipient.** Therapeutic Drug Monit 25(1):117-119, 2003
730. Eghtesad B, Reyes JD, Ashrafi M, Arzate J, Osorio G, Fung JJ: **Pancreatitis after liver transplantation in children: a single-center experience.** Transplantation 75(2):190-193, 2003.
731. Jain A, Mazariegos G, Pokharna R, Parizhskaya M, Kashyap R, Kosmach-Park B, Smith A, Fung JJ, Reyes J: **The absence of chronic rejection in pediatric primary liver transplant patients who are maintained on tacrolimus-based immunosuppression: a long-term analysis.** Transplantation 75:1020-1025, 2003.
732. Kowalski R, Post D, Schneider MC, Britz J, Thomas J, Deierhoi M, Lobashevsky A, Redfield R, Schweitzer E, Heredia A, Reardon E, Davis C, Bentlejewski C, Fung J, Shapiro R, Zeevi A: **Immune cell function testing: an adjunct to therapeutic drug monitoring in transplant patient management.** Clin Transplant 17(2):77-88, 2003.
733. Eckstein JW, Fung J: **A new class of cyclosporin analogues for the treatment of asthma.** Expert Opin Investig Drugs 12(4):647-653, 2003.
734. Neff GW, Bonham A, Tzakis AG, Ragni M, Jayaweera D, Schiff ER, Shakil O, Fung JJ**: Orthotopic liver transplantation in patients with human immunodeficiency virus (HIV) and end-stage liver disease.** Liver Transpl 9(3):239-247, 2003.
735. Wiesner R, Edwards E, Freeman R. Harper A, Kim R, Kamath P., Kremers W, Lake J, Howard T, Merion RM, Wolfe RA, Krom R, and The United Network for Organ Sharing Liver Disease Severity Score Committee: Model for end-stage liver disease (MELD) and allocation of donor livers. Gastroenterology, 124:91-6, 2003
736. Jain AB, Fung JJ: **Hepatitis C virus and renal failure**. Transplant Proc 35(1):416-418, 2003.
737. Jain AB, Fung JJ: **Alcoholic liver disease and transplantation**. Transplant Proc 35(1):358-360, 2003.
738. Jain AB, Fung JJ: **Advances in hepatitis B virus infection.** Transplant Proc 35(1):342-344, 2003.
739. Eghtesad B, Jain AB, Fung JJ: **Living donor liver transplantation: ethics and safety.** Transplant Proc 35(1):51-52, 2003.
740. Vilchez R, Shapiro R, McCurry K, Kormos R, Abu-Elmagd K, Fung J, Kusne S: **Longitudinal study of cryptococcosis in adult solid-organ transplant recipients**. Transpl Int 16(5):336-340, 2003.
741. Fung J, Marcos A: **Rapamycin: friend, foe or misunderstood?** Liver Transpl, 9(5):469-472, 2003.
742. Starzl TE, Murase N, Abu-Elmagd K, Gray EA, Shapiro R, Eghtesad B, Corry RJ, Jordan ML, Fontes P, Gayowski T, Bond G, Scantlebury VP, Potdar S, Randhawa P, Wu T, Zeevi A, Nalesnik MA, Marcos A, Trucco M, Demetris AJ, Fung JJ: **Tolerogenic immunosuppression for organ transplantation**. Lancet 361(9368):1502-1510, 2003.
743. Linden PK, Coley K, Fontes P, Fung JJ, Kusne S: **Invasive aspergillosis in liver transplant recipients: outcome comparison of therapy with amphotericin B lipid complex and a historical cohort treated with conventional amphotericin B.** Clin Infect Dis 37:17-25, 2003.
744. Balamurugan AN, Chang Y, Fung JJ, Trucco M, Bottino R: **Flexible management of enzymatic digestion improves human islet isolation outcome from sub-optimal donor pancreata.**  Am J Transplant 3(9):1135-1142, 2003.
745. Ma L, Qian S, Liang X, Wang L, Woodward JE, Giannoukakis N, Robbins PD, Bertera S, Trucco M, Fung JJ, Lu L: **Prevention of diabetes in NOD mice by administration of dendritic cells deficient in NF-[kappa]B activity**. Diabetes 52(8):1976-1985, 2003.
746. Metes D, Logar A, Rudert WA, Zeevi A, Woodward J, Demetris AJ, Abu-Elmagd K, Eghtesad B, Shapiro R, Fung JJ, Trucco M, Starzl TE, Murase N: **Four-color flow cytometric analysis of peripheral blood donor cell chimerism.** Hum Immunol 64(8):787-795, 2003.
747. Jain AB, Venkataramanan R, Eghtesad B, Marcos A, Ragni M, Shapiro R, Rafail AB, Fung JJ: **Effect of coadministered lopinavir and ritonavir (Kaletra) on tacrolimus blood concentration in liver transplantation patients.** Liver Transpl 9(9):954-960, 2003.
748. Wu T, Cieply K, Nalesnik MA, Randhawa PS, Sonzogni A, Bellamy C, Abu-Elmagd K, Michalopolous GK, Jaffe R, Kormos RL, Gridelli B, Fung JJ, Demetris AJ: **Minimal evidence of transdifferentiation from recipient bone marrow to parenchymal cells in regenerating and long-surviving human allografts**. Am J Transplant 3(9):1173-1181, 2003.
749. Liang X, Lu L, Chen Z, Vickers T, Zhang H, Fung JJ, Qian S: **Administration of dendritic cells transduced with antisense oligodeoxyribonucleotides targeting CD80 or CD86 prolongs allograft survival**. Transplantation 76(4):721-729, 2003.
750. Jain A, Reyes J, Marcos A, Mazariegos G, Eghtesad B, Fontes PA, Cacciarelli TV, Marsh JW, de Vera ME, Rafail A, Starzl TE, Fung JJ: **Pregnancy after liver transplantation with tacrolimus immunosuppression: a single center’s experience update at 13 years**. Transplantation 76(5):827-832, 2003.
751. Popescu I, Macedo C, Zeevi A, Nellis J, Patterson KR, Logar A, Rowe D, Reyes J, Rao AS, Storkus WJ, Fung JJ, Metes D: **Ex vivo priming of naïve T cells into EBV-specific Th1/Tc1 effector cells by mature autologous DC loaded with apoptotic/necrotic LCL.** Am J Transplant 3(11):1369-1377, 2003.
752. Shapiro R, Jordan ML, Basu A, Scantlebury V, Potdar S, Tan HP, Gray EA, Randhawa PS, Murase N, Zeevi A, Demetris AJ, Woodward J, Marcos A, Fung JJ, Starzl TE: **Kidney transplantation under a tolerogenic regimen of recipient pretreatment and low-dose postoperative immunosuppression with subsequent weaning.** Ann Surg 238(4): 520-527, 2003.
753. Girnita A, Duquesnoy R, Demetris A, Bentlejewski C, Guaspari D, McCurry K, Webber S, Shapiro R, Fung J, Zeevi A**: De novo anti-HLA antibodies have the highest incidence in the first year after transplantation**. Hum Immunol 64(10 Suppl):S31, 2003.
754. Eghtesad B, Marsh WJ, Cacciarelli T, Geller D, Reyes J, Jain A, Fontes P, de Vera M, Fung JJ: **Liver transplantation for growing teratoma syndrome: report of a case.**  Liver Transpl 9(11):1222-1224, 2003.
755. Ragni MV, Belle SH, Im K, Neff G, Roland M, Stock P, Heston N, Humar A, Fung JJ: **Survival of human immunodeficiency virus-infected liver transplant recipients**. J Infect Dis 188(10):1412-1420, 2003.
756. Chopra KB, Demetris AJ, Blakolmer K, Dvorchik I, Laskus T, Wang LF, Araya VR, Dodson F, Fung JJ, Rakela J, Vargas HE: **Progression of liver fibrosis in patients with chronic hepatitis C after orthotopic liver transplantation.** Transplantation 76(10):1487-1491, 2003.
757. Chen Z, Lu L, Li J, Xiao X, Fung JJ, Qian S: **Prolonged survival of heart allografts transduced with AAV-CTLA4IG.** Microsurgery 23:489-493, 2003.
758. Li W, Iyer S, Lu L, Buelow R, Fung JJ, Rao AS, Woo J, Qian S: **Attenuation of aortic graft arteriosclerosis by systemic administration of Allotrap peptide RDP58.** Transpl Intl 16(12):849-856, 2003.
759. Doria C, Jain AKB, Scott VL, Gruttadauria S, Marino IR, Doyle HR, Fung JJ: **Conversion from tacrolimus to Cyclosporine-A based immunosuppression following liver transplantation**. Experimental Clin Transplantation 1:48-55, 2003.
760. Chopra KB, Demetris AJ, Blakolmer K, Dvorchik I, Laskus T, Wang LF, Araya VR, Dodson F, Fung JJ, Rakela J, Vargas HE: **Progression of liver fibrosis in patients with chronic hepatitis C after orthotopic liver transplantation**. Transplantation. 76(10):1487-91, 2003
761. Ragni MV, Belle SH, Im K, Neff G, Roland M, Stock P, Heaton N, Humar A, Fung J: **Survival of human immunodeficiency virus-infected liver transplant recipients.**  J Infect Dis. 188(10):1412-20, 2003
762. Kuddus RH, Gandhi CR, Rehman KK, Guo F, Watkins SC, Valdivia LA, Fung JJ: **Some morphological, growth, and genomic properties of human cells chronically infected with porcine endogenous retrovirus (PERV).** Genome 46(5):858-69, 2003
763. Eghtesad B, Marsh WJ, Cacciarelli T, Geller D, Reyes J, Jain A, Fontes P, Devera M, Fung J: **Liver transplantation for growing teratoma syndrome: report of a case.** Liver Transpl. 9(11):1222-4, 2003
764. Chen Z, Lu L, Zhang H, Dean NM, Fung JJ, Qian S: **Administration of antisense oligodeoxyribonucleotides targeting NF-kB prolongs allograft survival via suppression of cytotoxicity.** Microsurgery. 23(5):494-7, 2003.
765. Chen Z, Lu L, Li J, Xiao X, Fung JJ, Qian S: **Prolonged survival of heart allografts transduced with AAV-CTLA4Ig.** Microsurgery**.** 23(5):489-93, 2003.
766. Li W, Iyer S, Lu L, Buelow R, Fung JJ, Rao AS, Woo J, Qian S: **Attenuation of aortic graft arteriosclerosis by systemic administration of Allotrap peptide RDP58.** Transpl Int. 16(12):849-56, 2003.
767. Wu T, Cieply K, Nalesnik MA, Randhawa PS, Sonzogni A, Bellamy C, Abu-Elmagd K, Michalopolous GK, Jaffe R, Kormos RL, Gridelli B, Fung JJ, Demetris AJ:  **Minimal evidence of transdifferentiation from recipient bone marrow to parenchymal cells in regenerating and long-surviving human allografts**. Am J Transplant. 3(9):1173-81, 2003.
768. Balamurugan AN, Chang Y, Fung JJ, Trucco M, Bottino R: **Flexible management of enzymatic digestion improves human islet isolation outcome from sub-optimal donor pancreata**. Am J Transplant. 3(9):1135-42, 2003.
769. Metes D, Logar A, Rudert WA, Zeevi A, Woodward J, Demetris AJ, Abu-Elmagd K, Eghtesad B, Shapiro R, Fung JJ, Trucco M, Starzl TE, Murase N: **Four-color flow cytometric analysis of peripheral blood donor cell chimerism.** Hum Immunol. 64(8):787-95, 2003.
770. Gruttadauria S, Doria C, Cintorino D. , Singhal D, Verzaro R, Foglieni CS, Marino IR, Fung JJ: **Outcomes in 139 cases of biliary tract reconstructions from a transplant surgery center.** Experimental Clin Transpl. 1(2):73-8, 2003.
771. Starzl TE, Murase N, Demetris AJ, Trucco M, Abu-Elmagd K, Gray EA, Eghtesad B, Shapiro R, Marcos A, Fung JJ: **Lessons of organ-induced tolerance learned from historical clinical experience**. Transplantation. 77(6):926-9, 2004.
772. Jain AB, Shapiro R, Scantlebury VP, Potdar S, Jordan ML, Flohr J, Marcos A, Fung JJ: **Pregnancy after kidney and kidney-pancreas transplantation under tacrolimus: a single center's experience**. Transplantation. 77(6):897-902, 2004.
773. Kelly DM, Demetris AJ, Fung JJ, Marcos A, Zhu Y, Subbotin V, Yin L, Totsuka E, Ishii T, Lee MC, Gutierrez J, Costa G, Venkataraman R, Madariaga JR: **Porcine partial liver transplantation: a novel model of the "small-for-size" liver graft**. Liver Transpl. 10(2):253-63, 2004.
774. Oruc MT, Soran A, Jain AK, Wilson JW, Fung J**: De novo breast cancer in patients with liver transplantation: University of Pittsburgh's experience and review of the literature.** Liver Transpl. 10(1):1-6, 2004.
775. Chiang PH, Wang L, Bonham CA, Liang X, Fung JJ, Lu L, Qian S: **Mechanistic insights into impaired dendritic cell function by rapamycin: inhibition of Jak2/Stat4 signaling pathway.** J Immunol. 172(3):1355-63, 2004.
776. Potdar S, Malek S, Eghtesad B, Shapiro R, Basu A, Patel K, Broznick B, Fung J: **Initial experience using histidine-tryptophan-ketoglutarate solution in clinical pancreas transplantation**. Clin Transplant. 18(6):661-5, 2004
777. Marcos A, Eghtesad B, Fung JJ, Fontes P, Patel K, Devera M, Marsh W, Gayowski T, Demetris AJ, Gray EA, Flynn B, Zeevi A, Murase N, Starzl TE: **Use of alemtuzumab and tacrolimus monotherapy for cadaveric liver transplantation: with particular reference to hepatitis C virus**. Transplantation. 2004 Oct 15;78(7):966-71.
778. Fung J, Eghtesad B, Patel-Tom K, DeVera M, Chapman H, Ragni M: **Liver transplantation in patients with HIV infection.** Liver Transpl. 10(10 Suppl 2):S39-53, 2004
779. Pan C, Jain A, Fung JJ: [**Analysis of causes of late mortality in liver transplant recipients**] Chinese. Zhongguo Wei Zhong Bing Ji Jiu Yi Xue. 16(9):547-51, 2004
780. Keven K, Basu A, Re L, Tan H, Marcos A, Fung JJ, Starzl TE, Simmons RL, Shapiro R: **Clostridium difficle colitis in patients after kidney and pancreas-kidney transplantation**. Transpl Infect Dis. 6(1):10-4, 2004
781. Fung JJ: **Tacrolimus and transplantation: a decade in review**. Transplantation. 77(9 Suppl):S41-3, 2004
782. Abu-Elmagd KM, Zak M, Stamos JM, Bond GJ, Jain A, Youk AO, Ezzelarab M, Costa G, Wu T, Nalesnik MA, Mazariegos GV, Sindhi RK, Marcos A, Demetris AJ, Fung JJ, Reyes JD: **De novo malignancies after intestinal and multivisceral transplantation.** Transplantation. 77(11):1719-25, 2004
783. Tiao MM, Lu L, Tao R, Harnaha J, Fung JJ, Huang LT, Qian S. **Application of recipient-derived dendritic cells to induce donor-specific T-cell hyporesponsiveness.** Transplant Proc. 36(5):1592-4, 2004
784. Kuddus RH, Metes DM, Nalesnik MA, Logar AJ, Rao AS, Fung JJ. **Porcine cell microchimerism but lack of productive porcine endogenous retrovirus (PERV) infection in naïve and humanized SCID-beige mice treated with porcine peripheral blood mononuclear cells**. Transpl Immunol. 13(1):15-24, 2004
785. Thirunavukkarasu C, Yang Y, Subbotin VM, Harvey SA, Fung J, Gandhi CR: **Endothelin receptor antagonist TAK-044 arrests and reverses the development of carbon tetrachloride induced cirrhosis in rats.** Gut. 53(7):1010-9, 2004
786. Demetris AJ, Eghtesad B, Marcos A, Ruppert K, Nalesnik MA, Randhawa P, Wu T, Krasinskas A, Fontes P, Cacciarelli T, Shakil AO, Murase N, Fung JJ, Starzl TE: **Recurrent hepatitis C in liver allografts: prospective assessment of diagnostic accuracy, identification of pitfalls, and observations about pathogenesis**. Am J Surg Pathol. 28(5):658-69, 2004
787. Totsuka E, Fung JJ, Hakamada K, Ohashi M, Takahashi K, Nakai M, Morohashi S, Morohashi H, Kimura N, Nishimura A, Ishizawa Y, Ono H, Narumi S, Sasaki M: **Synergistic effect of cold and warm ischemia time on postoperative graft function and outcome in human liver transplantation.** Transplant Proc. 36(7):1955-8, 2004
788. Totsuka E, Fung JJ, Ishizawa Y, Nishimura A, Ono H, Toyoki Y, Narumi S, Hakamada K, Sasaki M: **Synergistic effect of cold and warm ischemia time on postoperative graft outcome in human liver transplantation**. Hepatogastroenterology. 51(59):1413-6, 2004
789. Gruttadauria S, Doria C, Fung JJ, et al. **Preliminary report on surgical technique in hepatic parenchymal transection for liver tumors in the elderly: A lesson learned from living-related liver transplantation.** J. Surg .Oncol. 88:4:229-233, 2004
790. Jain AB, Shapiro R, Fung JJ, et al**. Pregnancy after kidney and kidney-pancreas transplantation under tacrolimus: a single center’s experience**. Transplantation 77:6:897-902, 2004
791. Tan HP, Kaczorowski DJ, Basu A, Khan A, McCauley J, Marcos A, Fung JJ, Starzl TE, Shapiro R: **Living-related donor renal transplantation in HIV +recipients using alemtuzumab preconditioning and steroid-free tacrolimus monotherapy: a single center preliminary experience.** Transplantation. 78(11):1683-8, 2004
792. Yu MC, Chen CH, Liang X, Wang L, Gandhi CR, Fung JJ, Lu L: **Inhibition of T-cell responses by hepatic stellate cells via B7-H1 mediated T-cell apoptosis in mice.** Hepatology**.** 40(6):1312-21, 2004
793. Kadry Z, Cintorino D, Foglieni CS, Fung J. **The pitfall of the cystic duct biliary anastomosis in right lobe living donor liver transplantation**. Liver Transpl. 10(12):1549-50, 2004
794. Gruttadauria S, Doria C, Vitale CH, Mandala' L, Magnone M, Fung JJ, Marino IR**.** [**New technique in hepatic parenchymal transection for living related liver donor and liver neoplasms.**](http://www.ncbi.nlm.nih.gov/pubmed/18333059?ordinalpos=36&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) HPB (Oxford). 6(2):106-9, 2004
795. Neff GW, Sherman KE, Eghtesad B, Fung J. **Current status of liver transplantation in HIV-infected patients.** Aliment Pharmacol Ther. 20(10):993-1000, 2004
796. Allen U, Avery RK, Blumberg E, Burroughs M, Dropulic L, Dummer S, Fishman JA, Fung JJ, Forrest G, Green M, Humar A, Keay S, Kubak B, Michaels M, Miller G, Oldach D, Paya C, Pankey G, Preiksaitis J, Reinke P, Roland M, Rubin R, Snydman D, Soave R, Stock P, Volk H-D: **Guidelines for the prevention and management of infectious complications of solid organ transplantation.** Am J Transplant, 4 (Suppl 10):5-166, 2004
797. Macedo C, Popescu I, Abu-Elmagd K, Reyes J, Shapiro R, Zeevi A, Berghaus JM, Wang LF, Lu L, Thomson AW, Storkus WJ, Fung JJ, Metes D. **Augmentation of type-1 polarizing ability of monocyte-derived dendritic cells from chronically immunosuppressed organ-transplant recipients**. Transplantation. 79(4):451-9, 2005
798. Thai N, Khan A, Tom K, Basu A, Shapiro R, Fung JJ. **Revascularization of the gastroduodenal artery in a pancreas allograft from a donor with a replaced right hepatic artery**. Transplantation. 79(4):503, 2005
799. Tiao MM, Lu L, Tao R, Wang L, Fung JJ, Qian S. **Prolongation of cardiac allograft survival by systemic administration of immature recipient dendritic cells deficient in NF-kB activity**. Ann Surg. 241(3):497-505, 2005
800. Basu A, Ramkumar M, Tan HP, Khan A, McCauley J, Marcos A, Fung JJ, Starzl, TE, Shapiro R**. Reversal of acute cellular rejection after renal transplantation with Campath-1H**. Transplant Proc. 37(2)923-6, 2005
801. Shapiro R, Basu A, Tan H, Gray E, Kahn A, Randhawa P, Murase N, Zeevi A, Girnita A, Metes D, Ness R, Bass DC, Demetris AJ, Fung JJ, Marcos A, Starzl TE. **Kidney transplantation under minimal immunosuppression after pretransplant lymphoid depletion with Thymoglobulin or Campath.** J Am Coll Surg 200(4):505-15, 2005
802. Qiu SJ, Lu L, Qiao C, Wang L, Wang Z, Xiao X, Qian S, Fung JJ, Ye SL, Bonham CA.. **Induction of tumor immunity and cytotoxic T lymphocyte responses using dendritic cells transduced by adenoviral vectors encoding HBsAg: comparison to protein immunization.** J Cancer Res Clin Oncol. 131(7):429-38, 2005
803. Liu S. Frye RF, Branch RA, Venkataramanan R, Fung JJ, Burckart GJ. **Effect of age and postoperative time on cytochrome p450 enzyme activity following liver transplantation**. J Clin Pharmacol. 45(6):666-73, 2005
804. [Macedo C, Donnenberg A, Popescu I, Reyes J, Abu-Elmagd K, Shapiro R, Zeevi A, Fung JJ, Storkus WJ, Metes D.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15935301&query_hl=1&itool=pubmed_docsum) **EBV-specific memory CD8+ T cell phenotype and function in stable solid organ transplant patients**. Transpl Immunol. 12(2):109-16, 2005
805. Ragni MV, Eghtesad B, Schlesinger KW, Dvorchik I, Fung JJ**. Pretransplant survival is shorter in HIV-positive than HIV-negative subjects with end-stage liver disease.** Liver Transpl. 11(11):1425-30, 2005
806. Eghtesad B, Fung JJ, Demetris AJ, Murase N, Ness R, Bass DC, Gray EA, Shakil O, Flynn B, Marcos A, Starzl TE. **Immunosuppression for liver transplantation in HCV-infected patients: Mechanism-based principles**. Liver Transpl. 11(11):1343-52, 2005
807. Geller DA, Tsung A, Maheshwari V, Rutstein LA, Fung JJ, Marsh JW. **Hepatic resection in 170 patients using saline-cooled radiofrequency coagulation.** HPB 7:208-13, 2005
808. Jain A, Venkatramanan R, Yelochan B, Kashyap R, Marcos A, Fung J. **Ribavirin levels in post liver transplant patients treated for recurrent hepatitis C viral infection.** Transplant Proc. 37(7):3190-6, 2005
809. Jain A, Venkatramanan R, Eghtesad B, Gadomski M, Mohanka R, Marcos A, Fung J. **Long-term outcome of adding mycophenolate mofetil to tacrolimus for nephrotoxicity following liver transplantation.** Transplantation. 80(6):859-864, 2005
810. Eghtesad B, Kadry Z, Fung J. **Technical considerations in liver transplantation: what a hepatologist needs to know (and every surgeon should practice).** Liver Transpl. 11(8):861-71, 2005
811. DiMartini A, Javed L., Russell S, Dew MA, Fitzgerald MG, Jain A, Fung J. **Tobacco use following liver transplantation for alcoholic liver disease: an underestimated problem.** Liver Transpl. 11(6):679-83, 2005
812. Fung J, Kelly D, Kadry Z, Patel-Tom K, Eghtesad B. **Immunosuppression in liver transplantation: Beyond calcineurin inhibitors.** Liver Transpl. 11: 267-280, 2005
813. Jain A, Marcos A, Reyes J, Mazariegos G, Kashyap R, Eghtesad B, Marsh W, Fontes P, DeVera M, Costa G, Patel K, Gadomski M, Starzl T, Fung J. **Tacrolimus for primary liver transplantation: 12 to 15 years actual follow-up with safety profile.** Transplant.Proc. 17: 1207-1210, 2005
814. Olson L, Kisthard J, Cravero L, Fung J, Eghtesad B, Savo A, Levy A, Polissar N, Marks W. **Livers transplanted from donors after cardiac death occurring in the ICU or the operating room have excellent outcomes.** Transplant.Proc. 37:1188-1193, 2005
815. Pisupati J, Jain A, Burckhardt G, Hamad I, Zuckerman S, Fung J, Venkataramanan R. **Intraindividual and interindividual variations in the pharmacokinetics of mycophenolic acid in liver transplant patients.** J. Clinical Pharmcol. 45: 34-41, 2005
816. Jain AB, Marcos A, Pokharna R, Shapiro R, Fontes PA, Marsh W, Mohanka R, Fung JJ. **Rituximab (chimeric anti-CD20 antibody) for posttransplant lymphoproliferative disorder after solid organ transplantation in adults: long-term experience from a single center.** Transplantation. 80(12):1692-8, 2005
817. Malek SK, Potdar S, Martin JA, Tublin M, Shapiro R, Fung JJ. **Percutaneous ultrasound-guided pancreas allograft biopsy: a single-center experience**. Transplant Proc. 37(10):4436-7, 2005
818. Fung J and the New York State Department of Health Workgroup. **Workgroup on expanded criteria organs for liver transplantation.**  Liver Transpl. 11(10):1184-92, 2005
819. Almyroudis NG, Sutton DA, Linden P, Rinaldi MG, Fung J, Kusne S. **Zygomycosis in solid organ transplant recipients in a tertiary transplant center and review of the literature**. Am J Transplant. 6(10):2365-74, 2006
820. Demetris AJ, Kelly DM, Eghtesad B, Fontes P, Wallis Marsh J, Tom K, Tan HP, Shaw-Stiffel T, Boig L, Novelli P, Planinsic R, Fung JJ, Marcos A: **Pathophysiologic observations and histopathologic recognition of the portal hyperperfusion or small-for-size syndrome**. Am J Surg Pathol. 30(8):986-93, 2006
821. [DiMartini A, Day N, Dew MA, Javed L, Fitzgerald MG, Jain A, Fung JJ, Fontes P.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16528710&query_hl=1&itool=pubmed_docsum): **Alcohol consumption patterns and predictors of use following liver transplantation for alcoholic liver disease.** Liver Transpl. 12(5):813-20, 2006
822. Tao R, Wang L, Chen CH, Wang SH, Demarco RA, Lotze MT, Thai NL, Fung JJ, Lu L, Qian S. **Mechanistic insights into achievement of cardiac allograft long-term survival by treatment with immature dendritic cells and sub-dose sirolimus**. J Heart Lung Transplant. 25(3):310-9, 2006
823. Habbib S, Shakil O, Couto OF, Demetris AJ, Fung JJ, Marcos A, Chopra K. **Caroli's disease and orthotopic liver transplantation**. Liver Transpl. 12(3):416-21, 2006
824. Wu W, Zheng N, Wang Y, Fung JJ, Lu L, Qian S. **Immune regulatory activity of liver-derived dendritic cells generated in vivo**. Microsurgery. 2006;26(1):17-20.
825. Iacono AT, Johnson BA, Grgurich WF, Youssef JG, Corcoran TE, Seiler DA, Dauber JH, Smaldone GC, Zeevi A, Yousem SA, Fung JJ, Burckart GJ, McCurry KR, Griffith BP: **A randomized trial of inhaled cyclosporine in lung-transplant recipients.** N Engl J Med. 354(2):141-50, 2006
826. Fung JJ: **Is adult-to-adult living donor liver transplantation a viable option for liver replacement?** Nat Clin Pract Gastroenterol Hepatol. 3(2):70-1, 2006
827. [Aucejo FN, Ortiz WA, Kelly D, Winans C, Vogt D, Eghtesad B, Fung JJ, Miller CM:](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16555332&query_hl=1&itool=pubmed_docsum) **Expanding the donor pool: safe transplantation of a cadaveric liver allograft with a 10 cm cavernous hemangioma--a case report**. Liver Transpl. 12(4):687-9, 2006
828. Aucejo F, Winans C, Henderson JM, Vogt D, Eghtesad B, Fung JJ, Sands M, Miller CM: **Isolated right hepatic vein obstruction after piggyback liver transplantation.** Liver Transpl. 12(5):808-12, 2006
829. Meier-Kriesche HU, Li S, Gruessner RW, Fung JJ, Bustami RT, Barr ML, Leichtman AB. **Immunosuppression: evolution in practice and trends,** 1994-2004. Am J Transplant. 6(5 Pt 2):1111-31, 2006
830. Banff Working Group; Demetris AJ, Adeyi O, Bellamy CO, Clouston A, Charlotte F, Czaja A, Daskal I, El-Monayeri MS, Fontes P, Fung J, Gridelli B, Guido M, Haga H, Hart J, Honsova E, Hubscher S, Itoh T, Jhala N, Jungmann P, Khettry U, Lassman C, Ligato S, Lunz JG 3rd, Marcos A, Minervini MI, Molne J, Nalesnik M, Nasser I, Neil D, Ochoa E, Pappo O, Randhawa P, Reinholt FP, Ruiz P, Sebagh M, Spada M, Sonzogni A, Tsamandas AC, Wernerson A, Wu T, Yilmaz F. **Liver biopsy interpretation for causes of late liver allograft dysfunction.**  Hepatology. 44(2):489-501, 2006
831. Eghtesad B, Aucejo F, Fung JJ. **Preservation solutions in liver transplantation: what are the options?** Liver Transpl. 12(2):196-8, 2006
832. [Ragni MV, Belle SH, Im K, Fung J, Neff G, Roland M, Stock P, Heaton N, Humar A.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16461976&query_hl=3&itool=pubmed_DocSum) **Liver transplantation in HIV-seropositive individuals.** Ann Intern Med. 144(3):223, 2006
833. Jain A, Costa G, Marsh W, Fontes P, Devera M, Mazariegos G, Reyes J, Patel K, Mohanka R, Gadomski M, Fung J, Marcos A. **Thrombotic and nonthrombotic hepatic artery complications in adults and children following primary liver transplantation with long-term follow-up in 1000 consecutive patients**. Transpl Int. 19(1):27-37, 2006
834. Almyroudis NG, Sutton DA, Linden P, Rinaldi MG, Fung J, Kusne S: **Zygomycosis in solid organ transplant recipients in a tertiary transplant center and review of the literature**. Am J Transplant. 6(10):2365-74, 2006
835. de Vera ME, Dvorchik I, Tom K, Eghtesad B, Thai N, Shakil O, Marcos A, Demetris A, Jain A, Fung JJ and Ragni MV: **Survival of liver transplant patients coinfected with HIV and HCV is adversely impacted by recurrent hepatitis C.** Am J Transplant 6(12):2983-2993,2006
836. [Chen CH](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Chen+CH%22%5BAuthor%5D), [Kuo LM](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Kuo+LM%22%5BAuthor%5D), [Chang Y](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Chang+Y%22%5BAuthor%5D), [Wu W](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Wu+W%22%5BAuthor%5D), [Goldbach C](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Goldbach+C%22%5BAuthor%5D), [Ross MA](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Ross+MA%22%5BAuthor%5D), [Stolz DB](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Stolz+DB%22%5BAuthor%5D), [Chen L](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Chen+L%22%5BAuthor%5D), [Fung JJ](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Fung+JJ%22%5BAuthor%5D), [Lu L](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Lu+L%22%5BAuthor%5D), [Qian S](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_Citation&term=%22Qian+S%22%5BAuthor%5D): **In vivo immune modulatory activity of hepatic stellate cells in mice.** [Hepatology.](javascript:AL_get(this,%20'jour',%20'Hepatology.');) 44(5):1171-81, 2006
837. [Wang Y, Zheng N, Lu Z, Wu W, Wang L, Nakao A, Lotze MT, Langer CE, Fung JJ, Qian S, Lu L.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17133587&query_hl=28&itool=pubmed_DocSum): **In vivo expansion of two distinct dendritic cells in mouse livers and its impact on liver immune regulation**. Liver Transpl. 2006 Dec;12(12):1850-61
838. [Thai NL, Blisard D, Tom K, Basu A, Smetanka C, Tan H, Bentlejewski C, Glidewell J, Britz J, Kowalski R, Shapiro R, Fung J, Marcos A, Zeevi A.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17198253&query_hl=28&itool=pubmed_DocSum): **Pancreas transplantation under alemtuzumab (Campath-1H) and tacrolimus: Correlation between low T-cell responses and infection.** Transplantation. 82(12):1649-52, 2006
839. [Thai NL, Khan A, Tom K, Blisard D, Basu A, Tan HP, Marcos A, Fung JJ, Starzl TE, Shapiro R.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17198247&query_hl=28&itool=pubmed_DocSum): **Alemtuzumab induction and tacrolimus monotherapy in pancreas transplantation: One- and two-year outcomes**. Transplantation. 82(12):1621-4, 2006
840. Liang X, Chen Z, Fung JJ, Qian S, Lu L: [**Regulatory dendritic cells modulate immune responses via induction of T-cell apoptotic death.**](http://www.ncbi.nlm.nih.gov/pubmed/16444713) Microsurgery. 2006;26(1):21-4.
841. [Morelli AE, Coates PT, Shufesky WJ, Barratt-Boyes SM, Fung JJ, Demetris AJ, Thomson AW.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17353790&query_hl=28&itool=pubmed_docsum): **Growth factor-induced mobilization of dendritic cells in kidney and liver of rhesus macaques: implications for transplantation.** Transplantation. 83(5):656-62, 2007
842. [Tiao MM, Lu L, Huang LT, Liang CD, Chen CL, Tao R, Fung JJ, Qian S.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17275522&query_hl=28&itool=pubmed_docsum): **Cross-tolerance of recipient-derived transforming growth factor-beta dendritic cells**. Transplant Proc. 2007 Jan-Feb;39(1):281-2.
843. [Rakela J, Fung JJ.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17256774&query_hl=28&itool=pubmed_docsum): **Liver transplantation in China.** Liver Transpl. 13(2):182, 2007
844. [Guggenheimer J, Eghtesad B, Close JM, Shay C, Fung JJ.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17256760&query_hl=28&itool=pubmed_docsum): **Dental health status of liver transplant candidates**. Liver Transpl. 13(2):280-6, 2007
845. [Liang X, Ma L, Thai NL, Fung JJ, Qian S, Lu L.](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17233742&query_hl=28&itool=pubmed_DocSum) **The role of liver-derived regulatory dendritic cells in prevention of type 1 diabetes.** Immunology. 120(2):251-60, 2007
846. [Braun W](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Braun%20W%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Fung JJ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fung%20JJ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation): **Can partial auxiliary liver transplantation protect kidney grafts in highly sensitized patients?** [Nat Clin Pract Nephrol.](javascript:AL_get(this,%20'jour',%20'Nat%20Clin%20Pract%20Nephrol.');) 3(7):370-1, 2007
847. [Fung JJ](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Fung%20JJ%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Eghtesad B](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Eghtesad%20B%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation), [Patel-Tom K](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=Search&Term=%22Patel-Tom%20K%22%5BAuthor%5D&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVCitation): **Using livers from donation after cardiac death donors: A proposal to protect the true Achilles heel**. [Liver Transpl.](javascript:AL_get(this,%20'jour',%20'Liver%20Transpl.');) 13(12):1633-1636, 2007
848. Yin Z, Wu W, Fung JJ, Lu L, Qian S: **Cotransplanted hepatic stellate cells enhance vascularization of islet allografts**. Microsurgery. 27(4):324-7, 2007
849. Yin Z, Jiang G, Fung JJ, Lu L, Qian S: **ICAM-1 expressed on hepatic stellate cells plays an important role in immune regulation.** Microsurgery. 27(4):328-3, 2007
850. [Harary AM, Abu-Elmagd K, Thai N, Shapiro R, Todo S, Fung JJ, Starzl TE.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17600350&ordinalpos=19&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum): **World's longest surviving liver-pancreas recipient**. Liver Transpl. 13(7):957-60, 2007
851. [Parker BM, Cywinski JB, Alster JM, Irefin SA, Popovich M, Beven M, Fung JJ: **Predicting immunosuppressant dosing in the early postoperative period with noninvasive indocyanine green elimination following orthotopic liver transplantation**.](http://www.ncbi.nlm.nih.gov/pubmed/18161838?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Liver Transpl. 14(1):46-52, 2007
852. [Lindor K, Rakela J, Fung J**: Conflict of interest policy**.](http://www.ncbi.nlm.nih.gov/pubmed/18161775?ordinalpos=4&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Hepatology. 2007 Dec 27;47(1):1 and Liver Transpl 14(1):1, 2007
853. Cywinski J, Mascha E, Miller C, Eghtesad B, Nakagawa S, Vincent J, Pesa N, Na J, Fung JJ, Parker BM. **Association between donor-recipient serum sodium differences and orthotopic liver transplant graft function**. Liver Transpl 14:59-65, 2008
854. Aucejo F, Hashimoto K, Quintini C, Kelly D, Vogt D, Winans C, Eghtesad B, Baker M, Fung J, Miller C. **Triple-phase computed tomography and intraoperative flow measurements improve the management of portosystemic shunts during liver transplantation.** Liver Transpl 14:96-99, 2008
855. Aucejo F, Ibrahim Z, Hashimoto K, Quintini C, Kelly D, Vogt D, Eghtesad B, Fung J, Miller C, Tuthill R. **Cruveilhier-Baumgarten disease in a patient with Turner syndrome: Case report of a rare indication for liver transplantation**. Liver Transpl 14:299-302, 2008
856. Cooley DA, Fung JJ, Young JB, Starzl TE, Siegler M and Chen PW: **Transplant innovations and ethical challenges: What have we learned?** Cleveland Clinic J. Medicine, 75(Suppl 6):S24-32, 2008
857. Jiang G, Yang HR, Wang L, Wildey GM, Fung J, Qian S, Lu L**:** [**Hepatic stellate cells preferentially expand allogeneic CD4+ CD25+ FoxP3+ regulatory T cells in an IL-2-dependent manner.**](http://www.ncbi.nlm.nih.gov/pubmed/19077880?ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Transplantation. 86(11):1492-502, 2008
858. Jain A, Patil VP, Fung J: [**Incidence of de novo cancer and lymphoproliferative disorders after liver transplantation in relation to age and duration of follow-up.**](http://www.ncbi.nlm.nih.gov/pubmed/18825680?ordinalpos=16&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Liver Transpl. 14(10):1406-11, 2008
859. Boyer TD, Henderson JM, Heerey AM, Arrigain S, Konig V, Connor J, Abu-Elmagd K, Galloway J, Rikkers LF, Jeffers L; DIVERT Study Group**:** [**Cost of preventing variceal rebleeding with transjugular intrahepatic portal systemic shunt and distal splenorenal shunt.**](http://www.ncbi.nlm.nih.gov/pubmed/18045724?ordinalpos=46&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) .J Hepatol. 48(3):407-14, 2008
860. Aucejo F, Kim R, Nizar Z, Diago Urso T, Quintini C, Hashimoto K, Hanouneh I, Eghtesad B, Fung J, Miller C, Yerian L. **Vascular Endothelial Growth Factor Receptor 2 (VEGFr2) expression in non-tumorous cirrhotic liver is higher when hepatocellular carcinoma (HCC) is beyond Milan Criteria (MC).** Liver Transpl. 15:169-76, 2009.
861. Quintini C, Miller CM, Hashimoto K, Philip D, Uso TD, Aucejo F, Kelly D, Winans C, Eghtesad B, Vogt D, Fung J. **Side-to-side cavocavostomy with an endovascular stapler: Rescue technique for severe hepatic vein and/or inferior vena cava outflow obstruction after liver transplantation using the piggyback technique.** Liver Transpl. 15: 49-53. 2009
862. Tsinberg M, Telllioglu G, Simpfendorfer CH, Walsh RM, Vogt D, Fung J, Berber E: **Comparison of laparoscopic versus open liver tumor resection: a case-controlled study**. Surgery Endoscopy, 23(4):847-53, 2009.
863. Chen Y, Jiang G, Yang HR, Gu X, Wang L, Hsieh CC, Chou HS, Fung JJ, Qian S, Lu L. [**Distinct response of liver myeloid dendritic cells to endotoxin is mediated by IL-27.**](http://www.ncbi.nlm.nih.gov/pubmed/19608294?ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum)J Hepatol. 51:510-9, 2009
864. Siemionow M, Papay F, Alam D, Bernard S, Djohan R, Gordon C, Hendrickson M, Lohman R, Eghtesad B, Coffman K, Kodish E, Paradis C, Avery R, Fung J. [**Near-total human face transplantation for a severely disfigured patient in the USA.**](http://www.ncbi.nlm.nih.gov/pubmed/19608265?ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Lancet. 374:203-9, 2009.
865. Starzl T, Teperman L, Sutherland D, Sollinger H, Roberts J, Miller C, Merion R, Matas A, Marsh JW, Langnas A, Kam I, Hippen B, Gaston R, Freeman R, Fung J, Eason J, Fine R, Crippen J, Abecassis M. [**Transplant tourism and unregulated black-market trafficking of organs.**](http://www.ncbi.nlm.nih.gov/pubmed/19459822?ordinalpos=7&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_DefaultReportPanel.Pubmed_RVDocSum) Am J Transplant. 9(6):1484, 2009
866. YangHR, Chou HS, GuX, WangL, Brown KE, FungJJ, LuL, Qian**S: Mechanistic insights into immunomodulation by hepatic stellate cells in mice: a critical role of interferon-gamma signaling.** Hepatology, 50(6):1981-91, 2009
867. Askar M, Avery R, Corey R, Lopez R, Thomas D, Pidwell D, Eghtesad B, Miller C, Fung J, Zein NN: **Lack of KIR2DS2 and KIR2DL2 is associated with poor responses to therapy of recurrent HCV in liver transplant recipients.** Liver Transpl, 15:1557-63, 2009
868. Alkhouri N, Carter-Kent C, Mayacy S, Hupertz V, Eghtesad B, Quintini C, Fung J, Radhakrishnan K: **Reversal of protein-losing enteropathy after liver transplantation in a child with idiopathic familial neonatal hepatitis.** Liver Transpl, 15(12)1894-6, 2009
869. Kelly D, Zhu X, Shiba H, Irefin S, Trenti L, Cocieru A, Quintini C,. Diago-Uso T, Nakagawa S, Fung J: **Adenosine restores the hepatic artery buffer response (HABR) and improves survival in a porcine model of the small-for-size syndrome (SFSS).** Liver Transpl, 15:1448-57, 2009
870. Stock P, Fung J: **Viable strategies to facilitate liver transplantation for human immunodeficiency virus coinfection.** Liver Transpl, 15(9):1003-6, 2009
871. Gordon CR, Siemionow M, Coffman K, Alam D, Eghtesad B, Zins JE, Bernard S, Fung J, Pryor L, Papay F: **The Cleveland Clinic FACES Score: A preliminary assessment tool for identifying the optimal face transplant candidate.** J Craniofac Surg 20(6):1969-74, 2009
872. Rakela J, Fung J**: A message from the Editors: Thank you**. Liver Transpl, 15(12):1661, 2009
873. Subramanian A, Sulkowski M, Barin B, Stablein D, Curry M, Nissen N, Dove L, Roland M, Florman S, Blumberg E, Stosor V, Jayaweera DT, Huprikar S, Fung J, Pruett T, Stock P, Ragni M: **MELD is an important predictor of pre-transplant mortality in HIV-infected liver transplant candidates**. Gastroenterology, 138(1):159-64, 2010.
874. Yang HR, Hsieh CC, Wang L, Fung JJ, Lu L, Qian S: **A critical role of TRAIL expressed on cotransplanted hepatic stellate cells in prevention of islet allograft rejection**. Microsurgery, 30(4):332-7, 2010
875. Siemionow M, Papay F, Djohan R, Bernard S, Gordon CR, Alam D, Hendrickson M, Lohman R, Eghtesad B, Fung J: **First US near-total human face transplantation – a paradigm shift for massive complex injuries.** Plast Reconstr Surg, 125(1):111-22, 2010.
876. Morita M, Fujino M, Jiang G, Kitazawa Y, Xie L, Azuma M, Yagita H, Nagao S, Sugioka A, Kurosawa Y, Takahara S, Fung J, Qian S, Lu L, Li XK: **PD-1/B7-H1 interaction contribute to the spontaneous acceptance of mouse liver allograft.** Am J Transpl. 10:40–6, 2010
877. Hanouneh IA, Zein NN, Lopez N, Yerian L, Fung J, Eghtesad B: **IL-2 receptor antagonist (basiliximab) is associated with rapid fibrosis progression in patients with recurrent hepatitis C after liver transplantation using serial biopsy specimens**. Int J Organ Transpl Med, 1:7-14, 2010.
878. Hashimoto K, Miller C, Hirose K, Diago T, Aucejo F, Quintini C, Eghtesad B, Corey R, Yerian L, Lopez R, Zein N, Fung J**.:** [**Measurement of CD4+ T-cell function in predicting allograft rejection and recurrent hepatitis C after liver transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/20047619?itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum&ordinalpos=5) Clin Transplant. 24:701-8, 2010
879. [Hashimoto K](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hashimoto%20K%22%5BAuthor%5D), [Miller CM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Miller%20CM%22%5BAuthor%5D), [Quintini C](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Quintini%20C%22%5BAuthor%5D), [Aucejo FN](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Aucejo%20FN%22%5BAuthor%5D), [Hirose K](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Hirose%20K%22%5BAuthor%5D), [Uso TD](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Uso%20TD%22%5BAuthor%5D), [Trenti L](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Trenti%20L%22%5BAuthor%5D), [Kelly DM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Kelly%20DM%22%5BAuthor%5D), [Winans CG](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Winans%20CG%22%5BAuthor%5D), [Vogt DP](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Vogt%20DP%22%5BAuthor%5D), [Eghtesad B](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Eghtesad%20B%22%5BAuthor%5D), [Fung JJ](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Fung%20JJ%22%5BAuthor%5D): **Is impaired hepatic arterial buffer response a risk factor for biliary anastomotic stricture in liver transplant recipients?** [Surgery.](javascript:AL_get(this,%20'jour',%20'Surgery.');) 148:582-8, 2010
880. [Starzl TE](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Starzl%20TE%22%5BAuthor%5D), [Fung JJ](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Fung%20JJ%22%5BAuthor%5D); **Themes of liver transplantation.** [Hepatology.](javascript:AL_get(this,%20'jour',%20'Hepatology.');) 51(6):1869-84, 2010.
881. Thuluvath PJ, Guidinger MK, Fung JJ, Johnson LB, Rayhill SC, Pelletier SJ: **Liver transplantation in the United States, 1999-2008.** Am J Transpl, 10:1003-19, 2010
882. Fung J: **The sleeping giant awakens – liver transplantation in China.** Am J. Transplant, 10(8):1723-4, 2010
883. Berber E, Akyildiz HY, Aucejo F, Gunasekaran G, Chalikonda S, Fung J.: [**Robotic versus laparoscopic resection of liver tumours.**](http://www.ncbi.nlm.nih.gov/pubmed/20887327) HPB (Oxford). 12(8):583-6, 2010.
884. Hashimoto K, Eghtesad B, Gunasekaran G, Fujiki M, Uso T, Quintini C, Aucejo F, Kelly D, Winans C, Vogt D, Parker B, Irefin S, Miller C, Fung J. **Use of tissue plasminogen activator in liver transplantation from donation after cardiac death donors**. Am J Transpl, 10:2665-72, 2010
885. Gunasekaran G, Bencsath K, Hupertz V, Fung JJ, Pettersson G, Miller C: **Deep hypothermia with circulatory arrest to aid in the management of suprahepatic vena cava stenosis after liver transplantation.** Liver Transpl, 16:1434-6, 2010
886. Hsieh CC, Chou HS, Fung JJ, Qian S, Lu L: [**The role of liver stromal cells in dendritic cells development in mice.**](http://www.ncbi.nlm.nih.gov/pubmed/21168682) Transplant Proc. 42(10):4279-81,, 2010.
887. Hashimoto K, Aucejo F, Quintini C, El-Gazzaz G, Hodgkinson P, Fujiki M, Diago T, Kelly D, Winans C, Vogt D, Eghtesad B, Fung J, Miller C: [**Liver transplantation at Cleveland Clinic.**](http://www.ncbi.nlm.nih.gov/pubmed/21696042) Clin Transpl. 195-206, 2010
888. Tu Z, Li Q, Chou HS, Hsieh CC, Meyerson H, Peters MG, Bu H, Fung JJ, Qian S, Lu L, Lin F: [**Complement mediated hepatocytes injury in a model of autoantibody induced hepatitis.**](http://www.ncbi.nlm.nih.gov/pubmed/20851495) Immunobiology, 216:528-34, 2010
889. Alkhouri N, Alamiry R, Hupertz V, Eghtesad B, Fung J, Zein N, Radhakrishnan K: **Spur cell anemia as a cause of unconjugated hyperbilirubinemia after liver transplantation and its resolution after re-transplantation**. Liver Transpl, 17:349-50, 2011
890. Fung J: **Liver transplantation for fatty liver disease**. J Dig Dis, 12:36-7, 2011
891. Chou HS, Hsieh CC, Yang HR, Wang L, Arakawa Y, Brown K, Wu Q, Lin F, Peters M, Fung JJ, Lu L, Qian S: **Hepatic stellate cells regulate immune response by way of induction of myeloid suppressor cells in mice.** Hepatology, 53:1007-19, 2011
892. Akyildiz HY, Morris-Stiff G, Aucejo F, Fung J, Berber E**.:** [**Techniques of radiofrequency-assisted precoagulation in laparoscopic liver resection.**](http://www.ncbi.nlm.nih.gov/pubmed/20844897)Surg Endosc. 25:1143-7, 2011
893. Shiba H, Zhu X, Arakawa Y, Irefin S, Wang B, Trenti L, Sanchez IP, Fung JJ, Kelly DM**:** [**Glucose balance of porcine liver allograft is an important predictor of outcome.**](http://www.ncbi.nlm.nih.gov/pubmed/20828723) J Surg Res. 171(2):851-8, 2011
894. Schold JD, Buccini LD, Goldfarb DA, Flechner SM, Hsich E, Mason D, Fung J, Stephany BR, Krishnamurthi V, Srinivas TR: [**Patient participation in research among solid organ transplant recipients in the United States**.](http://www.ncbi.nlm.nih.gov/pubmed/21516067) Transplantation 91(12):1424-35, 2011
895. Askar M, Schold JD, Eghtesad B, Flechner SM, Kaplan B, Klingman L, Zein NN, Fung J, Srinivas TR: [**Combined liver-kidney transplants: allosensitization and recipient outcomes.**](http://www.ncbi.nlm.nih.gov/pubmed/21478816)Transplantation 91(11):1286-92, 2011
896. [Olthoff KM](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Olthoff%20KM%22%5BAuthor%5D), [Forner A](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Forner%20A%22%5BAuthor%5D), [Hübscher S](http://www.ncbi.nlm.nih.gov/pubmed?term=%22H%C3%BCbscher%20S%22%5BAuthor%5D), [Fung J](http://www.ncbi.nlm.nih.gov/pubmed?term=%22Fung%20J%22%5BAuthor%5D): **What is the best staging system for hepatocellular carcinoma in the setting of liver transplantation?** [Liver Transpl.](http://www.ncbi.nlm.nih.gov/pubmed/21656653##) 17 (Suppl 2):S26-33, 2011
897. Quintini C, D'Amico G, Brown C, Aucejo F, Hashimoto K, Kelly DM, Eghtesad B, Sands M, Fung JJ, Miller CM: [**Splenic artery embolization for the treatment of refractory ascites after liver transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/21618687) Liver Transpl. 17(6):668-73, 2011
898. Wiesner RH, Fung JJ**:** [**Present state of immunosuppressive therapy in liver transplant recipients.**](http://www.ncbi.nlm.nih.gov/pubmed/21850697) Liver Transpl. 17(Suppl 3):S1-9, 2011
899. Fung JJ, Bollinger JE, Miller C, Eghtesad B: [**Future prospects in liver transplant immunosuppression.**](http://www.ncbi.nlm.nih.gov/pubmed/21850695)Liver Transpl. 17(Suppl 3):S54-9, 2011
900. Esfeh JM, Eghtesad B, Hodgkinson P, Diago T, Fujiki M, Hashimoto K, Quintini C, Aucejo F, Kelly D, Winans C, Vogt D, Miller C, Zein N, Fung J: [**Duct-to-duct biliary reconstruction in patients with primary sclerosing cholangitis undergoing liver transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/21843266) HPB (Oxford). 13(9):651-5, 2011
901. Charles R, Lu L, Qian S, Fung JJ: **Stromal cell-based immunotherapy in transplantation.**  Immunotherapy, 3(12):147-85, 2011
902. Hanouneh A, Macaron C, Lopez R, Felstein AE, Yerian L, Eghtesad B, Zein N. **Recurrence of disease following liver transplantation: Nonalcoholic steatohepatitis vs hepatitis C virus**. Internat J Organ Transpl Med, 2:53-61, 2011
903. Kelly DM, Shiba H, Nakagawa S, Irefin S, Hashimoto K, Eghtesad B, Quintini C, Aucejo F, Miller C, Fung J: **Hepatic blood flow plays an important role in ischemia reperfusion (IR) injury**. Liver Transplantation 17: 1448-56, 2011
904. Chou HS, Hsieh CC, Charles R, Wang L, Wagner T, Fung JJ, Qian S, Lu LL: [**Myeloid-derived suppressor cells protect islet transplants by B7-H1 mediated enhancement of T regulatory cells.**](http://www.ncbi.nlm.nih.gov/pubmed/22179405) Transplantation 93:272-82, 2012
905. Zhu X, Fung J, Shiba H, Irefin S, Yuseke A, Hong L, Wang B, Kelly DM: **The role of the A2a receptor agonist, regadenoson, in modulating hepatic artery flow (HAF) in the porcine small-for-size (SFS) graft.** J Surg Res, 174:e37-45, 2012
906. Zhu X, Fung JJ, Nakagawa S, Wang LF, Irefin S, Cocieru A, Quintini C, Diago T, Shiba H, Parra-Sanchez I, Kelly DM: **Elevated catecholamines and hepatic artery vasospasm in porcine small-for-size liver graft.** J Surg Res. 174(1):157-65, 2012
907. Bottino R, Bertera S, Grupillo M, Melvin PR, Humar A, Mazariegos G, Moser AJ, Walsh RM, Fung J, Gelrud A, Slivka A, Soltys K, Wijkstrom M, Trucco M: **Isolation of human islets for autologous islet transplantation in children and adolescents with chronic pancreatitis.** J Transplant, **2012**:642787. doi: 10.1155/**2012**/642787. Epub **2012** Feb 8
908. Kelly DM, Bennett R, Brown N, McCoy J, Boerner D, Yu C, Eghtesad B, Barsoum W, Fung JJ, Kattan MW: **Predicting discharge status following liver transplantation at a single center: A new approach for a new era.** Liver Transpl, 18(7):796-802, 2012
909. Terrault NA, Roland ME, Schiano T, Wong MT, Poordad F, Ragni MV, Barin B, Simon D, Olthoff KM, Johnson L, Stosor V, Jayaweera D, Fung J, ShermanKE, Subramanian A, Millis MJ, Slakey D, Berg CL, Carlson L, Ferrell L, Stablein DM, Odim J, Fox L, Stock P: **Outcomes of liver transplantation in HCV-HIV coinfected recipients.** Liver Transpl, 18(6):716-726, 2012.
910. Tu Z, Li Y, Smith D, Doller C, Sugita S, Chan CC, Qian S, Fung J, Caspi RR, Lu L, Lin F: **Myeloid suppressor cells induced by retinal pigment epithelial cells inhibit autoreactive T-cell responses that lead to experimental autoimmune uveitis.** Invest Ophthalmol Vis Sci, 53:959-66, 2012
911. Navaneethan U, Venkatesh PG, Mukewar S, Lashner BA, Remzi FH, McCullough AJ, Kiran RP, Shen B, Fung JJ: **Progressive primary sclerosing cholangitis requiring liver transplantation is associated with reduced need for colectomy in patients with ulcerative colitis.** Clin Gastroenterol Hepatol. 10(5):540-6, 2012.
912. Matas AJ, Satel S, Munn S, Richards JR, Tan-Alora A, Ambagtsheer FJ, Asis MF, Baloloy L, Cole E, Crippin J, Cronin D, Daar AS, Eason J, Fine R, Florman S, Freeman R, Fung J, Gaertner W, Gaston R, Ghahramani N, Ghods A, Goodwin M, Gutmann T, Hakim N, Hippen B, Huilgol A, Kam I, Lamban A, Land W, Langnas A, Lesaca R, Levy G, Liquette R, Marks WH, Miller C, Ona E, Pamugas G, Paraiso A, Peters TG, Price D, Randhawa G, Reed A, Rigg K, Serrano D, Sollinger H, Sundar S, Teperman L, van Dijk G, Weimar W, Danguilan R: **Incentives for organ donation: proposed standards for an internationally acceptable system**. Am J Transplant, 12:306-12, 2012
913. Clavien PA, Lesurtel M, Bossuyt PM, Gores GH, Langer B, Perrier A, OLT for HCC Consensus Group: **Recommendations for liver transplantation for hepatocellular carcinoma: an international consensus conference report.** Lancet Oncol, 13:e11-22, 2012
914. [Shah MR](http://www.ncbi.nlm.nih.gov/pubmed?term=Shah%20MR%5BAuthor%5D&cauthor=true&cauthor_uid=22464255)**,** [Starling RC](http://www.ncbi.nlm.nih.gov/pubmed?term=Starling%20RC%5BAuthor%5D&cauthor=true&cauthor_uid=22464255)**,** [Schwartz Longacre L](http://www.ncbi.nlm.nih.gov/pubmed?term=Schwartz%20Longacre%20L%5BAuthor%5D&cauthor=true&cauthor_uid=22464255)**,** [Mehra MR](http://www.ncbi.nlm.nih.gov/pubmed?term=Mehra%20MR%5BAuthor%5D&cauthor=true&cauthor_uid=22464255)**,** [Barr M](http://www.ncbi.nlm.nih.gov/pubmed?term=Barr%20M&cauthor=true&cauthor_uid=22464255)**,** [Eisen H](http://www.ncbi.nlm.nih.gov/pubmed?term=Eisen%20H&cauthor=true&cauthor_uid=22464255)**,** [Francis G](http://www.ncbi.nlm.nih.gov/pubmed?term=Francis%20G&cauthor=true&cauthor_uid=22464255)**,** [Fung J](http://www.ncbi.nlm.nih.gov/pubmed?term=Fung%20J&cauthor=true&cauthor_uid=22464255)**,** [Grady K](http://www.ncbi.nlm.nih.gov/pubmed?term=Grady%20K&cauthor=true&cauthor_uid=22464255)**,** [Jeevanandam V](http://www.ncbi.nlm.nih.gov/pubmed?term=Jeevanandam%20V&cauthor=true&cauthor_uid=22464255)**,** [Johnson M](http://www.ncbi.nlm.nih.gov/pubmed?term=Johnson%20M&cauthor=true&cauthor_uid=22464255)**,** [Kfoury A](http://www.ncbi.nlm.nih.gov/pubmed?term=Kfoury%20A&cauthor=true&cauthor_uid=22464255)**,** [Kirklin J](http://www.ncbi.nlm.nih.gov/pubmed?term=Kirklin%20J&cauthor=true&cauthor_uid=22464255)**,** [Kobashigawa J](http://www.ncbi.nlm.nih.gov/pubmed?term=Kobashigawa%20J&cauthor=true&cauthor_uid=22464255)**,** [Kormos R](http://www.ncbi.nlm.nih.gov/pubmed?term=Kormos%20R&cauthor=true&cauthor_uid=22464255)**,** [Madsen J](http://www.ncbi.nlm.nih.gov/pubmed?term=Madsen%20J&cauthor=true&cauthor_uid=22464255)**,** [Mancini D](http://www.ncbi.nlm.nih.gov/pubmed?term=Mancini%20D&cauthor=true&cauthor_uid=22464255)**,** [McManus B](http://www.ncbi.nlm.nih.gov/pubmed?term=McManus%20B&cauthor=true&cauthor_uid=22464255)**,** [O'Connor C](http://www.ncbi.nlm.nih.gov/pubmed?term=O'Connor%20C&cauthor=true&cauthor_uid=22464255)**,** [Pfeffer M](http://www.ncbi.nlm.nih.gov/pubmed?term=Pfeffer%20M&cauthor=true&cauthor_uid=22464255)**,** [Pierson R 3rd](http://www.ncbi.nlm.nih.gov/pubmed?term=Pierson%20R%203rd&cauthor=true&cauthor_uid=22464255)**,** [Reed E](http://www.ncbi.nlm.nih.gov/pubmed?term=Reed%20E&cauthor=true&cauthor_uid=22464255)**,** [Salomon D](http://www.ncbi.nlm.nih.gov/pubmed?term=Salomon%20D&cauthor=true&cauthor_uid=22464255)**,** [Steenbergen C](http://www.ncbi.nlm.nih.gov/pubmed?term=Steenbergen%20C&cauthor=true&cauthor_uid=22464255)**,** [Stevenson L](http://www.ncbi.nlm.nih.gov/pubmed?term=Stevenson%20L&cauthor=true&cauthor_uid=22464255)**,** [Tracy L](http://www.ncbi.nlm.nih.gov/pubmed?term=Tracy%20L&cauthor=true&cauthor_uid=22464255)**,** [Wang L](http://www.ncbi.nlm.nih.gov/pubmed?term=Wang%20L&cauthor=true&cauthor_uid=22464255)**: Heart transplantation research in the next decade - a goal to achieving evidence-based outcomes: National Heart, Lung, And Blood Institute Working Group.** [J Am Coll Cardiol.](http://www.ncbi.nlm.nih.gov/pubmed?term=Working%20Group%20Participants%5BCorporate%20Author%5D&cauthor=true&cauthor_uid=22464255##) 2012 Apr 3;59(14):1263-9.
915. Sourianarayanane A, El-Gazzaz G, Sanabria JR, Menon KV, Quintini C, Hashimoto K, Kelly D, Eghtesad B, Miller C, Fung J, Aucejo F: **Loco-regional therapy in patients with Milan Criteria-compliant hepatocellular carcinoma and short waitlist time to transplant: an outcome analysis.** HPB (Oxford). 2012 May;14(5):325-32.
916. Ibarra RA, Rojas D, Snyder L, Yao M, Fabien J, Milano M, Katz A, Goodman K, Stephans K, El-Gazzaz G, Aucejo F, Miller C, Fung J, Lo S, Machtay M, Sanabria JR: **Multicenter results of stereotactic body radiotherapy (SBRT) for non-resectable primary liver tumors.** Acta Oncol. 2012 May;51(5):575-83.
917. De Simone P, Nevens F, De Carlis L, Metselaar HJ, Beckebaum S, Saliba F, Jonas S, Sudan D, Fung J, Fischer L, Duvoux C, Chavin KD, Koneru B, Huang MA, Chapman WC, Foltys D, Witte S, Jiang H, Hexham JM, Junge G: **Everolimus with reduced dose tacrolimus improves renal function in de novo liver transplant recipients: A randomized controlled trial.** Am J Transplant, Am J Transplant. **2012** Nov;12(11):3008-20
918. Bhatt S, Fung JJ, Lu L, Qian S: [**Tolerance-inducing strategies in islet transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/22675353) Int J Endocrinol. **2012**:396524. doi: 10.1155/**2012**/396524. Epub **2012** May 23
919. Harbell J, Fung J, Nissen N, Olthoff K, Florman S, Hanto D, Light J, Bartlett S, Tzakis A, Pearson T, Barin B, Roland M, Stock P, for the HIV-TR Investigators: **Surgical complications in 275 HIV-infected liver and/or kidney transplantation recipients.**  Surgery, 152:376-81, 2012.
920. Adeyi O, Alexander G, Baiocchi L, Balasubramanian M, Batal I, O C BC, Bhan A, Bridges N, Bucuvalas J, Charlotte F, Colvin B, Czaja A, Demetris A, Devera M, S EM, Feng S, Ferrell L, Fiel Maria I, Fontes P, Fung J, Haga H, Hart J, Honsova E, Hubscher S, Wesam I, Itoh T, Jhala N, Jungmann P, Khettry U, Koshiba T, Lassman C, Lerut J, Ligato S, Lunz J, Mazariegos G, McCaughan G, A MS, I MM, Misdraji J, Mohanakumar T, Molne J, Musat A, Nalesnik M, Nasser I, Neil D, Neuberger J, Pappo O, Petrovic L, Randhawa P, P RF, Rubin E, Ruiz P, Sagol O, Sanchez F, Sasatomi E, Schiano T, Sebagh M, Shaked A, Sharkey Francis E, Shimizu T, Sis B, Smith M, Sonzogni A, Tchao N, Thung S, Tisone G, Tsamandas A, Wernerson A, Wu T, Yilmaz F; The Banff Working Group on Liver Allograft Pathology: [**Importance of liver biopsy findings in immunosuppression management: Biopsy monitoring and working criteria for patients with operational tolerance (OT).**](http://www.ncbi.nlm.nih.gov/pubmed/22645090) Liver Transpl. 18(10):1154-70., 2012
921. Ragni MV, Devera ME, Roland ME, Wong M, Stosor V, Sherman KE, Hardy D, Blumberg E, Fung J, Barin B, Stablein D, Stock PG: [**Liver transplant outcomes in HIV+ haemophilic men**.](http://www.ncbi.nlm.nih.gov/pubmed/22762561) Haemophilia. 19(1):134-40, 2013.
922. Nagpal AD, Chamogeorgakis T, Shafii AE, Hanna M, Miller CM, Fung J, Gonzalez-Stawinski GV: [**Combined heart and liver transplantation: the Cleveland Clinic experience.**](http://www.ncbi.nlm.nih.gov/pubmed/23157928) Ann Thorac Surg. 95(1):179-82, 2013.
923. Aliyev S, Agcaoglu O, Aksoy E, Taskin HE, Vogt D, Fung J, Siperstein A, Berber E: [**Efficacy of laparoscopic radiofrequency ablation for the treatment of patients with small solitary colorectal liver metastasis.**](http://www.ncbi.nlm.nih.gov/pubmed/23859307)Surgery. 154(3):556-62, 2013
924. Cywinski JB, You J, Argalious M, Irefin S, Parker BM, Fung JJ, Koch CG: [**Transfusion of older red blood cells is associated with decreased graft survival after orthotopic liver transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/23813754)Liver Transpl. 19(11):1181-8, 2013
925. Junge G, Dumortier T, Schwende H, **Fung J:** [**mTOR inhibition in liver transplantation: how to dose for effective/safe CNI reduction?**](http://www.ncbi.nlm.nih.gov/pubmed/23769088) Transplant Proc. 45(5):1979-80, 2013.
926. Charles R, Chou HS, Wang L, Fung JJ, Lu L, Qian S**:** [**Human hepatic stellate cells inhibit T-cell response through B7-H1 pathway.**](http://www.ncbi.nlm.nih.gov/pubmed/23756770)Transplantation. 96(1):17-24, 2013.
927. Reville P, Zhao C, Perez T, Nowacki AS, Phillips D, Bowen G, Starling N, Pflaum B, Strickland R, Fung J, Askar M: [**A student leadership model for promoting educational programs in organ donation and transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/23726553) Transplant Proc. 45(4):1287-94, 2013.
928. Saliba F, De Simone P, Nevens F, De Carlis L, Metselaar HJ, Beckebaum S, Jonas S, Sudan D, Fischer L, Duvoux C, Chavin KD, Koneru B, Huang MA, Chapman WC, Foltys D, Dong G, Lopez PM, Fung J, Junge G; H2304 Study Group:[**Renal function at two years in liver transplant patients receiving everolimus: results of a randomized, multicenter study.**](http://www.ncbi.nlm.nih.gov/pubmed/23714399) Am J Transplant. 13(7):1734-45, 2013.
929. Schold JD, Buccini LD, Heaphy EL, Goldfarb DA, Sehgal AR, Fung J, Poggio ED, Kattan MW**:** [**The prognostic value of kidney transplant center report cards.**](http://www.ncbi.nlm.nih.gov/pubmed/23710661)Am J Transplant. 13(7):1703-12, 2013.
930. De Simone P, Beckebaum S, Koneru B, Fung J, Saliba F**:** [**Everolimus with reduced tacrolimus in liver transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/23601137) Am J Transplant. 13(5):1373-4, 2013.
931. Berber B, Ibarra R, Snyder L, Yao M, Fabien J, Milano MT, Katz AW, Goodman K, Stephans K, El-Gazzaz G, Aucejo F, Miller C, Fung J, Lo S, Machtay M, Sanabria J**:** [**Multicentre results of stereotactic body radiotherapy for secondary liver tumours.**](http://www.ncbi.nlm.nih.gov/pubmed/23458468) HPB (Oxford). 15(11):851-7, 2013
932. El-Gazzaz G, Sourianarayanane A, Menon KV, Sanabria J, Hashimoto K, Quintini C, Kelly D, Eghtesad B, Miller C, Fung J, Aucejo F**:** [**Radiologic-histological correlation of hepatocellular carcinoma treated via pre-liver transplant locoregional therapies.**](http://www.ncbi.nlm.nih.gov/pubmed/23392796) Hepatobiliary Pancreat Dis Int. 12(1):34-41, 2013
933. Hsieh CC, Chou HS, Yang HR, Lin F, Bhatt S, Qin J, Wang L, Fung JJ, Qian S, Lu L**:** [**The role of complement component 3 (C3) in differentiation of myeloid-derived suppressor cells.**](http://www.ncbi.nlm.nih.gov/pubmed/23299310) Blood. 121(10):1760-8, 2013.
934. Schold JD, Buccini LD, Srinivas TR, Srinivas RT, Poggio ED, Flechner SM, Soria C, Segev DL, Fung J, Goldfarb DA**:** [**The association of center performance evaluations and kidney transplant volume in the United States.**](http://www.ncbi.nlm.nih.gov/pubmed/23279681) Am J Transplant. 13(1):67-75, 2013.
935. Guerron AD, Aliyev S, Agcaoglu O, Aksoy E, Taskin HE, Aucejo F, Miller C, Fung J, Berber E: [**Laparoscopic versus open resection of colorectal liver metastasis.**](http://www.ncbi.nlm.nih.gov/pubmed/23052537)Surg Endosc. 27(4):1138-43, 2013.
936. Alkhouri N, Singh G, Carey WD, Fung JJ, Zein NN, Eghtesad B, Taege A. **The successful use of Telaprevir to treat hepatitis C recurrence after liver transplantation in an HIV co-infected patient**. Transplantation, 97:e14-5, 2014.
937. Bansal S, Berk M, Alkhouri N, Partrick DA, Fung JJ, Feldstein A: **Stearoyl-CoA desaturase plays an important role in proliferation and chemoresistance in human hepatocellular carcinoma.** J Surg Res. 2013 Jul 27. J Surg Res. 186(1):29-38, 2014
938. Asrani SK, Wiesner RH, Trotter JF, Klintmalm G, Katz E, Maller E, Roberts J, Kneteman N, Teperman L, Fung JJ, Millis JM: **De Novo Sirolimus and Reduced-Dose Tacrolimus Versus Standard-Dose Tacrolimus After Liver Transplantation: The 2000-2003 Phase II Prospective Randomized Trial.** Am J Transplant. 14(2):356-66, 2014.
939. Tsien C, Garber A, Narayanan A, Shah SN, Barnes D, Eghtesad B, Fung J, McCullough AJ, Dasarathy S**: Post-Liver Transplantation Sarcopenia in Cirrhosis: a Prospective Evaluation**. J Gastroenterol Hepatol. 29(6):1250-7, 2014
940. van Duin D, Avery RK, Hemachandra S, Yen-Lieberman B, Zhang A, Jain A, Butler RS, Barnard J, Schold JD, Fung J, Askar M: **KIR and HLA interactions are associated with control of primary CMV infection in solid organ transplant recipients.** Am J Transplant. 14(1):156-62, 2014
941. Li Y, Tu Z, Qian S, Fung JJ, Markowitz SD, Kusner LL, Kaminski HJ, Lu L, Lin F: **Myeloid-derived suppressor cells as a potential therapy for experimental autoimmune myasthenia gravis**. J Immunol. 193(5):2127-34, 2014.
942. Hashimoto K, Quintini C, Aucejo FN, Fujiki M, Diago T, Watson MJ, Kelly DM, Winans CG, Eghtesad B, Fung JJ, Miller CM: **Split Liver Transplantation Using Hemiliver Graft in the MELD Era: A Single Center Experience in the United States**. Am J Transplant. 14(9):2072-80, 2014
943. Bhatt S, Qin J, Bennett C, Qian S, Fung JJ, Hamilton TA, Lu L: **All-trans retinoic acid induces arginase-1 and inducible nitric oxide synthase-producing dendritic cells with T cell inhibitory function**. J Immunol. 192(11):5098-108, 2014
944. Shiba H, Zhu X, Arakawa Y, Irefin S, Wang B, Trenti L, Fung JJ, Kelly DM: **Oxygen consumption predicts outcome in porcine partial liver grafts.** J Surg Res. 189(2):335-9, 2014.
945. Huang JF, Zheng SS, Liu YF, Wang HB, Chapman J, O'Connell P, Millis M, Fung J, Delmonico F: **China organ donation and transplantation update: the Hangzhou Resolution**. Hepatobiliary Pancreat Dis Int. 13(2):122-4, 2014.
946. Delmonico F, Chapman J, Fung J, Danovitch G, Levin A, Capron A, Busuttil R, O'Connell P: **Open letter to Xi Jinping, President of the People's Republic of China: China's fight against corruption in organ transplantation.** Transplantation. 97(8):795-6, 2014.
947. Arakawa Y, Qin J, Chou HS, Bhatt S, Wang L, Stuehr D, Ghosh A, Fung JJ, Lu L, Qian S: **Cotransplantation with myeloid-derived suppressor cells protects cell transplants: a crucial role of inducible nitric oxide synthase.** Transplantation. 97(7):740-7, 2014
948. Buccini LD, Segev DL, Fung J, Miller C, KELLY D, Quintini C, Schold JD. **Association between liver transplant center performance evaluations and transplant volume.** Am J Transplant. 14:2097-105, 2014.
949. Liu Q, Nassar A, Farias K, Buccini L, Baldwin W, Mangino M, Bennett A, O'Rourke C, Okamoto T, Uso TD, Fung J, Abu-Elmagd K, Miller C, Quintini C: **Sanguineous normothermic machine perfusion improves hemodynamics and biliary epithelial regeneration in donation after cardiac death porcine livers.**  Liver Transpl. 20(8):987-99, 2014.
950. Fischer L, Saliba F, Kaiser GM, DeCarlis L, Metselaar, H, DeSimone P, Duvous C, Nevens F, Fung JJ, Dong G, Rauer B, Junge G: **Three-year outcomes in de novo liver transplant patients receiving everolimus with reduced tacrolimus: Follow-up results from a randomized, multicenter study.** Transplantation, 99(7):1455-62, 2015.
951. Zhang W, Kim R, Quintini C, Hashimoto K, Fujiki M, Diago T, Eghtesad B, Miller C, Fung J, Tan A, Menon KV, Aucejo F: **Prognostic role of plasma vascular endothelial growth factor in patients with hepatocellular carcinoma undergoing liver transplantation**. Liver Transpl. 21(1):101-11, 2015.
952. Kelly DM, London DA, Siperstein A, Fung JJ, Walsh MR: **A structured educational curriculum including online training positively impacts American Board of Surgery In-Training Examination scores.** J Surg Educ. 72(5):811-7, 2015
953. Duquesnoy RJ, Kamoun M, Baxter-Lowe LA, Woodle ES, Bray RA, Claas FH, Eckels DD, Friedewald JJ, Fuggle SV, Gebel HM, Gerlach JA, Fung JJ, Middleton D, Nickerson P, Shapiro R, Tambur AR, Taylor CJ, Tinckam K, Zeevi A: **Should HLA mismatch acceptability for sensitized transplant candidates be determined at the high-resolution rather than the antigen level?** Am J Transplant. 15(4):923-30, 2015
954. Nassar A, Liu Q, Farias K, D'Amico G, Tom C, Grady P, Bennett A, Diago Uso T, Eghtesad B, Kelly D, Fung J, Abu-Elmagd K, Miller C, Quintini C: **Ex vivo normothermic machine perfusion is safe, simple, and reliable: results from a large animal model.** Surg Innov. 22:61-9, 2015.
955. Morita M, Joyce D, Miller C, Fung J, Lu L, Qian S: **Rejection triggers liver transplant tolerance: involvements of mesenchyme-mediated immune control mechanisms.** Hepatology, 62(3):915-31, 2015.
956. Chen B, Wang W, Tam MD, Quintini C, Fung JJ, Li X: [**Transjugular intrahepatic portosystemic shunt in liver transplant recipients: indications, feasibility, and outcomes.**](http://www.ncbi.nlm.nih.gov/pubmed/25912516) Hepatol Int 9(3):391-8,2015
957. Li Y, Kim BG, Qian S, Letterio JJ, Fung JJ, Lu L, Lin F: **Hepatic Stellate Cells Inhibit T Cells through Active TGF-β1 from a Cell Surface-Bound Latent TGF-β1/GARP Complex.** J. Immunol, 195(6):2648-56, 2015
958. Duquesnoy RJ, Gebel HM, Woodle ES, Nickerson P, Baxter-Lowe LA, Bray RA, Claas FH, Eckels DD, Friedewald JJ, Fuggle SV, Gerlach JA, Fung JJ, Kamoun M, Middleton D, Shapiro R, Tambur AR, Taylor CJ, Tinckam K, Zeevi A.: **High-Resolution HLA Typing for Sensitized Patients: Advances in Medicine and Science Require Us to Challenge Existing Paradigms.** Am J Transplant. 2015 Jul 14. doi: 10.1111/ajt.13376
959. Alkhouri N, Hanouneh IA, Zein NN, Lopez R, Kelly D, Eghtesad B, Fung JJ**: Liver Transplantation for Nonalcoholic Steatohepatitis (NASH) in Young Patients.** Transpl Int. 2015 Sep 24. doi: 10.1111/tri.12694. [Epub ahead of print]
960. Zhang L, Bell BA, Yu M, Chan CC, Peachey NS, **Fung J**, Zhang X, Caspi RR, Lin F**: Complement anaphylatoxin receptors C3aR and C5aR are required in the pathogenesis of experimental autoimmune uveitis.** J Leukoc Biol. **2015** Sep 22. pii: jlb.3A0415-157R. [Epub ahead of print]
961. Abu-Elmagd KM, Costa G, McMichael D, Khanna A, Cruz RJ, Parekh N, Fujiki M, Hashimoto K, Quintini C, Koritsky AD, Kroh MD, Sogawa H, Kandeel A, da Cunha-Melo JR, Steiger E, Kirby D, Matarese L, Shatnawei A, Humar A, Walsh RM, Schauer PR, Simmons R, Billiar T, Fung J: **Autologous Reconstruction and Visceral Transplantation for Management of Patients with Gut Failure After Bariatric Surgery: 20 Years of Experience.** Ann Surg. **2015** Oct;262(4):586-601
962. Firl DJ, Hashimoto K, O'Rourke C, Diago-Uso T, Fujiki M, Aucejo FN, Quintini C, Kelly DM, Miller CM, Fung JJ, Eghtesad B: [**Impact of Donor Age in Liver Transplantation from Donation after Circulatory Death Donors: A Decade of Experience at Cleveland Clinic.**](http://www.ncbi.nlm.nih.gov/pubmed/26334196) Liver Transpl. **2015** Sep 3. doi: 10.1002/lt.24316. [Epub ahead of print]
963. Woodside KJ, Goldfarb DA, Rabets JC, Sanchez EQ, Lebovitz JC, Schulak JA, Fung JJ, Eghtesad B: **Enhancing Kidney Function with Thrombolytic Therapy following Donation after Cardiac Death: A Multicenter Quasi-Blinded Prospective Randomized Trial.** Clin Transpl, 2015
964. Zhu X, Shiba H, Zhu Y, Quintini C, Eghtesad B, Miller C, Fung JJ, Kelly DM: **Adenosine Increases Hepatic Artery Flow in Liver Transplant Recipients: A Pilot Study.** Transplant Proc. 2016 Jan-Feb;48(1):116-9.
965. Levitsky J, O'Leary JG, Asrani S, Sharma P, Fung J, Wiseman A, Niemann CU: **Protecting the kidney in liver transplant recipients.** Am J Transplant. 2016 Mar 1. doi: 10.1111/ajt.13765. [Epub ahead of print]
966. Zhang L, Li Y, Payne J, Srivastava S, Fan X, Fung J, Li X, Kern TS, Lin F**:** [**Presence of retinal pericyte-reactive autoantibodies in diabetic retinopathy patients.**](http://www.ncbi.nlm.nih.gov/pubmed/26839120) Sci Rep. 2016 Feb 3;6:20341. doi: 10.1038/srep20341.
967. Dural C, Akyuz M, Yazici P, Aksoy E, Aucejo F, Quintini C, Miller C, Fung J, Berber E**: Safety and Efficacy of a New Bipolar Energy Device for Parenchymal Dissection in Laparoscopic Liver Resection.**  Surg Laparosc Endosc Percutan Tech. 2016 Feb;26(1):21-4.
968. Shiba H, Hashimoto K, Kelly D, Fujiki M, Quintini C, Aucejo F, Diago Uso T, Yerian L, Yanaga K, Matsushima M, Eghtesad B, Fung J, Miller C: **Risk stratification of allograft failure secondary to hepatitis C recurrence after liver transplantation.** Hepatol Res. 2016 Feb 1. doi: 10.1111/hepr.12661. [Epub ahead of print]
969. Li Y, Lu L, Qian S, Fung JJ, Lin F**: Hepatic Stellate Cells Directly Inhibit B Cells via Programmed Death-Ligand 1.** J Immunol. 2016 Feb 15;196(4):1617-25.
970. Liu Q, Nassar A, Farias K, Buccini L, Mangino MJ, Baldwin W, Bennett A, O'Rourke C, Iuppa G, Soliman BG, Urcuyo-Llanes D, Okamoto T, Uso TD, Fung J, Abu-Elmagd K, Miller C, Quintini C: **Comparing Normothermic Machine Perfusion Preservation with Different Perfusates on Porcine Livers from Donors after Circulatory Death.** Am J Transplant. 2016 Mar;16(3):794-807.
971. Akyuz M, Yazici P, Yigitbas H, Dural C, Okoh A, Aliyev S, Aucejo F, Quintini C, Fung J, Berber E: **Oncologic results of laparoscopic liver resection for malignant liver tumors.** J Surg Oncol. 2016 Feb;113(2):127-9.
972. Alkhouri N, Hanouneh IA, Zein NN, Lopez R, Kelly D, Eghtesad B, Fung JJ**:** [**Liver transplantation for nonalcoholic steatohepatitis in young patients.**](http://www.ncbi.nlm.nih.gov/pubmed/26402655)Transpl Int. 2016 Apr;29(4):418-24.
973. Zhang L, Bell BA, Yu M, Chan CC, Peachey NS, Fung J, Zhang X, Caspi RR, Lin F: **Complement anaphylatoxin receptors C3aR and C5aR are required in the pathogenesis of experimental autoimmune uveitis.**  J Leukoc Biol. 2016 Mar;99(3):447-54.
974. Li C, Quintini C, Hashimoto K, Fung J, Obuchowski NA, Sands MJ, Wang W**:** [**Role of Doppler Sonography in Early Detection of Splenic Steal Syndrome.**](http://www.ncbi.nlm.nih.gov/pubmed/27208197)J Ultrasound Med. 2016 Jul;35(7):1393-400.
975. Demetris AJ, Bellamy C, Hübscher SG, O'Leary J, Randhawa PS, Feng S, Neil D, Colvin RB, McCaughan G, Fung JJ, Del Bello A, Reinholt FP, Haga H, Adeyi O, Czaja AJ, Schiano T, Fiel MI, Smith ML, Sebagh M, Tanigawa RY, Yilmaz F, Alexander G, Baiocchi L, Balasubramanian M, Batal I, Bhan AK, Bucuvalas J, Cerski CT, Charlotte F, de Vera ME, ElMonayeri M, Fontes P, Furth EE, Gouw AS, Hafezi-Bakhtiari S, Hart J, Honsova E, Ismail W, Itoh T, Jhala NC, Khettry U, Klintmalm GB, Knechtle S, Koshiba T, Kozlowski T, Lassman CR, Lerut J, Levitsky J, Licini L, Liotta R, Mazariegos G, Minervini MI, Misdraji J, Mohanakumar T, Mölne J, Nasser I, Neuberger J, O'Neil M, Pappo O, Petrovic L, Ruiz P, Sağol Ö, Sanchez Fueyo A, Sasatomi E, Shaked A, Shiller M, Shimizu T, Sis B, Sonzogni A, Stevenson HL, Thung SN, Tisone G, Tsamandas AC, Wernerson A, Wu T, Zeevi A, Zen Y: [**2016 Comprehensive Update of the Banff Working Group on Liver Allograft Pathology: Introduction of Antibody-Mediated Rejection.**](http://www.ncbi.nlm.nih.gov/pubmed/27273869) Am J Transplant. 2016 Jun 7. doi: 10.1111/ajt.13909.
976. Akyuz M, Aucejo F, Quintini C, Miller C, Fung J, Berber E**:** [**Factors affecting surgical margin recurrence after hepatectomy for colorectal liver metastases.**](http://www.ncbi.nlm.nih.gov/pubmed/27294032) Gland Surg. 2016 Jun;5(3):263-9.
977. Kochhar G, Singh T, Dust H, Lopez R, McCullough AJ, Liu X, Fung J, Shen B**:** [**Impact of De Novo and Preexisting Inflammatory Bowel Disease on the Outcome of Orthotopic Liver Transplantation.**](http://www.ncbi.nlm.nih.gov/pubmed/27306073) Inflamm Bowel Dis. 2016 Jul;22(7):1670-8.
978. Li Y, Qiu W, Zhang L, Fung J, Lin F: [**Painting factor H onto mesenchymal stem cells protects the cells from complement- and neutrophil-mediated damage**.](http://www.ncbi.nlm.nih.gov/pubmed/27343468) Biomaterials. 2016 Sep;102:209-19.
979. Li Y, Fung J, Lin F**:** [**Local Inhibition of Complement Improves Mesenchymal Stem Cell Viability and Function After Administration.**](http://www.ncbi.nlm.nih.gov/pubmed/27377042) Mol Ther. 2016 Jul 5. doi: 10.1038/mt.2016.142.
980. Karagkounis G, Akyuz M, Guerron AD, Yazici P, Aucejo FN, Quintini C, Miller CM, Vogt DP, Fung JJ, Berber E**:** [**Perioperative and oncologic outcomes of minimally invasive liver resection for colorectal metastases: A case-control study of 130 patients.**](http://www.ncbi.nlm.nih.gov/pubmed/27486002) Surgery. 2016 Jul 30. pii: S0039-6060(16)30221-5. doi: 10.1016/j.surg.2016.04.043.
981. Hashimoto K, Fujiki M, Quintini C, Aucejo FN, Uso TD, Kelly DM, Eghtesad B, Fung JJ, Miller CM: [**Split liver transplantation in adults.**](https://www.ncbi.nlm.nih.gov/pubmed/27672272) World J Gastroenterol. 2016 Sep 7;22(33):7500-6.
982. Firl DJ, Hashimoto K, O'Rourke C, Diago-Uso T, Fujiki M, Aucejo FN, Quintini C, Kelly DM, Miller CM, Fung JJ, Eghtesad B:[**Role of Donor Hemodynamic Trajectory in Determining Graft Survival in Liver Transplantation from Donation after Circulatory Death Donors.**](https://www.ncbi.nlm.nih.gov/pubmed/27600806)Liver Transpl. 2016 Sep 6. doi: 10.1002/lt.24633. [Epub ahead of print]
983. Aiken T, Garber A, Thomas D, Hamon N, Lopez R, Konjeti R, McCullough A, Zein N, Fung J, Askar M, John BV: [**Donor IFNL4 Genotype Is Associated with Early Post-Transplant Fibrosis in Recipients with Hepatitis C.**](https://www.ncbi.nlm.nih.gov/pubmed/27875564) PLoS One. 2016 Nov 22;11(11):e0166998. doi: 10.1371/journal.pone.016699
984. Qin J, Arakawa Y, Morita M, Fung JJ, Qian S, Lu L: [**C-C Chemokine Receptor type 2 (CCR2)-Dependent Migration of Myeloid-Derived Suppressor Cells in Protection of Islet Transplants.**](https://www.ncbi.nlm.nih.gov/pubmed/27755503)Transplantation. 2016 Oct 17. [Epub ahead of print]
985. Hashimoto K, Fujiki M, Quintini C, Aucejo FN, Uso TD, Kelly DM, Eghtesad B, Fung JJ, Miller CM: [**Split liver transplantation in adults.**](https://www.ncbi.nlm.nih.gov/pubmed/27672272) World J Gastroenterol. 2016 Sep 7;22(33):7500-6. doi: 10.3748/wjg.v22.i33.7500.
986. Moris D, Vernadakis S, Papalampros A, Petrou A, Dimitroulis D, Spartalis E, Felekouras E, Fung JJ: **The effect of guidelines in surgical decision making: The paradigm of hepatocellular carcinoma.** J Balkan Union on Oncology. 2016 Nov-Dec;21(6):1332-1336.
987. Ragni MV, Humar A, Stock PG, Blumberg EA, Eghtesad B, Fung JJ, Stosor V, Nissen N, Wong MT, Sherman KE, Stablein DM, Barin B: **Hemophilia Liver Transplantation Observational Study (HOTS).** Liver Transpl. 2016 Dec 9. doi: 10.1002/lt.24688. [Epub ahead of print]
988. Enyindah-Asonye G, Li Y, Xin W, Singer N, Gupta N, Fung J, Lin F: **CD6 regulates intestinal ischemia/reperfusion-induced injury by modulating natural IgM-producing B1a cell self-renewal.** J Biol Chem. 2016 Dec 1. pii: jbc.M116.749804. [Epub ahead of print]
989. Fung JJ: [**William Hunter Harridge lecture: The changing face of short-gut syndrome management.**](https://www.ncbi.nlm.nih.gov/pubmed/28159115)Am J Surg. **2017** Mar;213(3):448-451. doi:10.1016/j.amjsurg.**2017**.01.018. Epub **2017** Jan 25
990. Elshamy M, Takahashi H, Akyuz M, Yazici P, Yigitbas H, Hammad AY, Aucejo FN, Quintini C, Fung J, Berber E: [**Evolution of a laparoscopic liver resection program: an analysis of 203 cases.**](https://www.ncbi.nlm.nih.gov/pubmed/28364151)Surg Endosc. 2017 Mar 31. doi: 10.1007/s00464-017-5468-2.
991. Chapman WC, Brown RS Jr, Chavin KD, Sudan D, Koneru B, Junge G, Dong G, Patel D, Teperman L, Fung JJ**:** [**Effect of Early Everolimus-Facilitated Reduction of Tacrolimus on Efficacy and Renal Function in De Novo Liver Transplant Recipients: 24-Month Results for the North American Subpopulation.**](https://www.ncbi.nlm.nih.gov/pubmed/28121741) Transplantation. 2017 Feb;101(2):341-349.
992. Zhang W, Fung J: [**Limitations of current liver transplant immunosuppressive regimens: renal considerations.**](https://www.ncbi.nlm.nih.gov/pubmed/28119255) Hepatobiliary Pancreat Dis Int. 2017 Feb;16(1):27-32.
993. Enyindah-Asonye G, Li Y, Xin W, Singer NG, Gupta N, Fung J, Lin F: [**CD6 Receptor Regulates Intestinal Ischemia/Reperfusion-induced Injury by Modulating Natural IgM-producing B1a Cell Self-renewal.**](https://www.ncbi.nlm.nih.gov/pubmed/27909060) J Biol Chem. 2017 Jan 13;292(2):661-671. doi: 10.1074/jbc.M116.749804
994. Fung J: **Thomas Earl Starzl, MD, PhD, Transplant Pioneer, Polymath, Mentor, March 11th, 1926–March 4th, 2017.** Transplantation. 101(5):896–897, May 2017
995. Fung JJ, Everson GT, van Thiel D: [**Obituary: The Impact of Thomas Earl Starzl, MD, PhD.**](https://www.ncbi.nlm.nih.gov/pubmed/28479378) Gastroenterology. 2017 May 4. pii: S0016-5085(17)35556-7. doi: 10.1053/j.gastro.2017.05.002.
996. Fung JJ: [**Obituary of Thomas E. Starzl, MD, PhD.**](https://www.ncbi.nlm.nih.gov/pubmed/28296155) Am J Transplant. 2017 May;17(5):1153-1155.
997. Fung JJ**:** [**Thomas Earl Starzl (1926-2017).**](https://www.ncbi.nlm.nih.gov/pubmed/28473551) Science. 2017 May 5;356(6337):491.
998. Moris D, Tsilimigras DI, Chakedis J, Beal EW, Felekouras E, Vernadakis S, Schizas D, Fung JJ, Pawlik TM.: **Liver transplantation for unresectable colorectal liver metastases: A systematic review**. J Surg Oncol. 2017 Sep;116(3):288-297.
999. Rakela J, Fung JJ.: **Thomas E. Starzl, M.D., Ph.D. (1926-2017).** Hepatology. 2017 Jul;66(1):306-308.
1000. Sasaki K, Firl DJ, Hashimoto K, Fujiki M, Diago-Uso T, Quintini C, Eghtesad B, Fung JJ, Aucejo FN, Miller CM: **Development and validation of the HALT-HCC score to predict mortality in liver transplant recipients with hepatocellular carcinoma: a retrospective cohort analysis**. Lancet Gastroenterol Hepatol. 2017 Aug;2(8):595-603.
1001. Moris D, Rahnemai-Azar AA, Zhang X, Ntanasis-Stathopoulos I, Tsilimigras DI, Chakedis J, Argyrou C, Fung JJ, Pawlik TM.: **Program death-1 immune checkpoint and tumor microenvironment in malignant liver tumors.** Surg Oncol. 2017 Dec;26(4):423-430.
1002. Moris D, Tsilimigras DI, Ntanasis-Stathopoulos I, Beal EW, Felekouras E, Vernadakis S, Fung JJ, Pawlik TM. **Liver transplantation in patients with liver metastases from neuroendocrine tumors: A systematic review.** Surgery. 2017 Sep;162(3):525-536
1003. Solomina J, Gołębiewska J, Kijek MR, Kotukhov A, Bachul PJ, Basto L, Gołąb K, Konsur E, Cieply K, Fillman N, Wang LJ, Thomas CC, Philipson LH, Tibudan M, Dębska-Ślizień A, Fung J, Gelrud A, Matthews JB, Witkowski P: **Pain Control, Glucose Control, and Quality of Life in Patients With Chronic Pancreatitis After Total Pancreatectomy With Islet Autotransplantation: A Preliminary Report.** Transplant Proc. 2017 Dec;49(10):2333-2339.
1004. Gołębiewska J, Solomina J, Kijek MR, Kotukhov A, Basto L, Gołąb K, Bachul PJ, Konsur E, Ciepły K, Fillman N, Wang LJ, Thomas CC, Philipson LH, Tibudan M, Krenc A, Dębska-Ślizień A, Fung J, Witkowski P.: **External Validation of the Newly Developed BETA-2 Scoring System for Pancreatic Islet Graft Function Assessment**. Transplant Proc. 2017 Dec;49(10):2340-2346.
1005. Gołębiewska JE, Solomina J, Thomas C, Kijek MR, Bachul PJ, Basto L, Gołąb K, Wang LJ, Fillman N, Tibudan M, Ciepły K, Philipson L, Dębska-Ślizień A, Millis JM, Fung J, Witkowski P.: **Comparative evaluation of simple indices using a single fasting blood sample to estimate beta cell function after islet transplantation**. Am J Transplant. 2017 Dec 8. doi: 10.1111/ajt.14620. [Epub ahead of print]
1006. John BV, Aiken T, Garber A, Thomas D, Lopez R, Patil D, Konjeti VR, Fung JJ, McCollough AJ, Askar M**.:** [**Recipient But Not Donor Adiponectin Polymorphisms Are Associated With Early Posttransplant Hepatic Steatosis in Patients Transplanted for Non-Nonalcoholic Fatty Liver Disease Indications.**](https://www.ncbi.nlm.nih.gov/pubmed/29863454) Exp Clin Transplant. 2018 Aug;16(4):439-445.
1007. Takahashi H, Akyuz M, Aksoy E, Aucejo F, Quintini C, Miller C, Fung J, Berber E.: [**A new technique for hepatic parenchymal transection using an articulating bipolar 5 cm radiofrequency device: results from the first 100 procedures.**](https://www.ncbi.nlm.nih.gov/pubmed/29661564) HPB (Oxford). 2018 Apr 13. pii: S1365-182X(18)30780-9. doi: 10.1016/j.hpb.2018.03.005. [Epub ahead of print]
1008. Joyce D, Fujino M, Morita M, Araki R, Fung J, Qian S, Lu L, Li XK.: [**Induced pluripotent stem cells-derived myeloid-derived suppressor cells regulate the CD8+ T cell response.**](https://www.ncbi.nlm.nih.gov/pubmed/29574174) Stem Cell Res. 2018 May;29:32-41.
1009. Gołąb K, Grose R, Placencia V, Wickrema A, Solomina J, Tibudan M, Konsur E, Ciepły K, Marek-Trzonkowska N, Trzonkowski P, Millis JM, Fung J, Witkowski P: **C**[**ell banking for regulatory T cell-based therapy: strategies to overcome the impact of cryopreservation on the Treg viability and phenotype.**](https://www.ncbi.nlm.nih.gov/pubmed/29515766) Oncotarget. 2018 Jan 3;9(11):9728-9740.
1010. Okano S, Abu-Elmagd K, Kish DD, Keslar K, Baldwin WM 3rd, Fairchild RL, Fujiki M, Khanna A, Osman M, Costa G, Fung J, Miller C, Kayashima H, Hashimoto K**.:** [**Myeloid-derived suppressor cells increase and inhibit donor-reactive T cell responses to graft intestinal epithelium in intestinal transplant patients.**](https://www.ncbi.nlm.nih.gov/pubmed/29509288) Am J Transplant. 2018 Mar 6. doi: 10.1111/ajt.14718. [Epub ahead of print]
1011. Charlton M, Levitsky J, Aqel B, OʼGrady J, Hemibach J, Rinella M, Fung J, Ghabril M, Thomason R, Burra P, Little EC, Berenguer M, Shaked A, Trotter J, Roberts J, Rodriguez-Davalos M, Rela M, Pomfret E, Heyrend C, Gallegos-Orozco J, Saliba F**.: International Liver Transplanation Society Consensus Statement on Immunosupppression in Liver Transplant Recipients.** Transplantation. 2018 May;102(5):727-743.
1012. Balaney B, Mitzman B, Fung J, Paul JD.: [**Diagnosis and management of rare inferior vena cava leiomyosarcoma guided by a novel minimally invasive vascular biopsy technique.**](https://www.ncbi.nlm.nih.gov/pubmed/29411530) Catheter Cardiovasc Interv. 2018 Feb 7. doi: 10.1002/ccd.27535. [Epub ahead of print]
1013. Liu Q, Nassar A, Buccini L, Iuppa G, Soliman B, Pezzati D, Hassan A, Blum M, Baldwin W, Bennett A, Chavin K, Okamoto T, Uso TD, Fung J, Abu-Elmagd K, Miller C, Quintini C.: [**Lipid metabolism and functional assessment of discarded human livers with steatosis undergoing 24 hours of normothermic machine perfusion.**](https://www.ncbi.nlm.nih.gov/pubmed/29125712) Liver Transpl. 2018 Feb;24(2):233-245.
1014. Gołębiewska JE, Solomina J, Thomas C, Kijek MR, Bachul PJ, Basto L, Gołąb K, Wang LJ, Fillman N, Tibudan M, Ciepły K, Philipson L, Dębska-Ślizień A, Millis JM, Fung J, Witkowski P.: [**Comparative evaluation of simple indices using a single fasting blood sample to estimate beta cell function after islet transplantation.**](https://www.ncbi.nlm.nih.gov/pubmed/29218834) Am J Transplant. 2018 Apr;18(4):990-997.
1015. Takahashi H, Akyuz M, Kahramangil B, Kose E, Aucejo F, Fung J, Berber E.: [**A Comparison of the Initial Cost Associated With Resection Versus Laparoscopic Radiofrequency Ablation of Small Solitary Colorectal Liver Metastasis.**](https://www.ncbi.nlm.nih.gov/pubmed/30222692) Surg Laparosc Endosc Percutan Tech. 2018 Dec;28(6):371-374.
1016. Saliba F, Fischer L, de Simone P, Bernhardt P, Bader G, Fung J**.:** [**Association Between Renal Dysfunction and Major Adverse Cardiac Events After Liver Transplantation: Evidence from an International Randomized Trial of Everolimus-Based Immunosuppression.**](https://www.ncbi.nlm.nih.gov/pubmed/30361470) Ann Transplant. 2018 Oct 26;23:751-757.
1017. Gołębiewska JE, Bachul PJ, Wang LJ, Matosz S, Basto L, Kijek MR, Fillman N, Gołąb K, Tibudan M, Dębska-Ślizień A, Millis JM, Fung J, Witkowski P: [**Validation of a New North American Islet Donor Score for Donor Pancreas Selection and Successful Islet Isolation in a Medium-Volume Islet Transplant Center.**](https://www.ncbi.nlm.nih.gov/pubmed/30520321)Cell Transplant. 2019 Feb;28(2):185-194.
1018. Gołębiewska JE, Bachul PJ, Fillman N, Basto L, Kijek MR, Gołąb K, Wang LJ, Tibudan M, Thomas C, Dębska-Ślizień A, Gelrud A, Matthews JB, Millis JM, Fung J, Witkowski P.: [**Assessment of simple indices based on a single fasting blood sample as a tool to estimate beta-cell function after total pancreatectomy with islet autotransplantation - a prospective study.**](https://www.ncbi.nlm.nih.gov/pubmed/30353611) Transpl Int. 2019 Mar;32(3):280-290.
1019. Gołębiewska JE, Bachul PJ, Fillman N, Kijek MR, Basto L, Para M, Perea L, Gołąb K, Wang LJ, Tibudan M, Dębska-Ślizień A, Matthews JB, Fung J, Witkowski P**.:** [**Early Infectious Complications After Total Pancreatectomy with Islet Autotransplantation: a Single Center Experience.**](https://www.ncbi.nlm.nih.gov/pubmed/30719679) J Gastrointest Surg. 2019 Feb 4. doi: 10.1007/s11605-019-04118-y. [Epub ahead of print]
1020. Saliba F, Fischer L, de Simone P, Bernhardt P, Bader G, Fung J**:** [**Re: Association Between Renal Dysfunction and Major Adverse Cardiac Events After Liver Transplantation: Evidence From an International Randomized Trial of Everolimus-Based Immunosuppression.**](https://www.ncbi.nlm.nih.gov/pubmed/30923305) Ann Transplant. 2019 Mar 29;24:174. doi: 10.12659/AOT.916307.
1021. Haberal M, Cantarovich M, Muller E, Fung JJ, Sarwal M, Tullius SG, Ascher N: [**Call for an End to Unethical Transplant Practices: A Concerted Effort by the Transplant Community.**](https://www.ncbi.nlm.nih.gov/pubmed/30907850) Transplantation. 2019 Apr;103(4):647. doi: 10.1097/TP.0000000000002607.
1022. Mikolajczyk AE, Fung J, Paul S, Chang B, Aronsohn AI: **Herniated umbilical varix in a patient with cirrhosis.** ACG Case Rep J. 2019 Aug 14;6(8):e00151. doi: 10.14309/crj.0000000000000151.
1023. Ebong IA, Sayer G, Kim G, Jeevanandam V, Baker T, Becker Y, Fung J, Charlton M, Te H, Josephson M, Uriel N: **Simultaneous heart, liver and kidney transplantation: A viable option for heart failure patients with multiorgan failure**. J Heart Lung Transplant. 2019 Sep;38(9):997-999.
1024. Kose E, Kahramangil B, Aydin H, Donmez M, Aucejo F, Quintini C, Fung J, Berber E.: [**Minimally invasive resection of posterosuperior liver tumors in the supine position using intra-abdominal trocars.**](https://www.ncbi.nlm.nih.gov/pubmed/30963261) Surg Endosc. 2020 Feb;34(2):536-543.
1025. Prachand VN, Milner R, Angelos P, Posner MC, Fung JJ, Agrawal N, Jeevanandam V, Matthews JB: Medica**lly necessary, time-sensitive procedures: A scoring system to ethically and efficiently manage resource scarcity and provider risk during the COVID-19 pandemic.** J Am Coll Surg. 2020 Apr 9. pii: S1072-7515(20)30317-3. doi: 10.1016/j.jamcollsurg.2020.04.011.
1026. Bachul PJ, Gołębiewska JE, Basto L, Gołąb K, Anteby R, Wang LJ, Tibudan M, Thomas C, Fendler W, Lucander A, Grybowski DJ, Dębska-Ślizień A, Fung J, Witkowski P**: BETA-2 scores is an early predictor of graft decline and loss of insulin independence after pancreatic islet allotransplantation.** Am J Transplant. 2020 Mar;20(3):844-851. doi: 10.1111/ajt.15645. Epub 2019 Nov 13.
1027. Generette GS, Bachul PJ, Golab K, Basto L, Pyda JS, Borek P, Tibudan M, Anteby R, Perea L, Charlton M, Perez-Gutierrez A, Jayant K, Lucander A, Matthews JB, Millis JM, Fung J, Witkowski P.: **En bloc liver and pancreas transplantation after total pancreatectomy with autologous islet transplantation**. Eur J Transl Clin Med. 2020;3(2):11-17. doi: 10.31373/ejtcm/130187. Epub 2020 Nov 23.
1028. Bachul PJ, Grybowski DJ, Anteby R, Basto L, Perea L, Golab K, Wang LJ, Tibudan M, Perez-Gutierrez A, Komorniczak M, Nagpal S, Lucander A, Fung J, Matthews JB, Witkowski P.: **Total pancreatectomy with islet autotransplantation in diabetic and pre-diabetic patients with intractable chronic pancreatitis.** J Pancreatol. 2020 Jun;3(2):86-92. doi: 10.1097/jp9.0000000000000048.
1029. Golab K, Krzystyniak A, Langa P, Pikuła M, Kunovac S, Borek P, Trzonkowski P, Millis JM, Fung J, Witkowski P.: **Effect of serum on SmartFlare™ RNA Probes uptake and detection in cultured human cells.** Biomed J Sci Tech Res. 2020;28(4):21788-21793. Epub 2020 Jul 2.
1030. Prachand VN, Milner R, Angelos P, Posner MC, Fung JJ, Agrawal N, Jeevanandam V, Matthews JB.: **Medically Necessary, Time-Sensitive Procedures: Scoring System to Ethically and Efficiently Manage Resource Scarcity and Provider Risk During the COVID-19 Pandemic.** J Am Coll Surg. 2020 Aug;231(2):281-288. doi: 10.1016/j.jamcollsurg.2020.04.011. Epub 2020 Apr 9.
1031. Hibi T, Rela M, Eason JD, Line PD, Fung J, Sakamoto S, Selzner N, Man K, Ghobrial RM, Sapisochin G.: **Liver Transplantation for Colorectal and Neuroendocrine Liver Metastases and Hepatoblastoma. Working Group Report From the ILTS Transplant Oncology Consensus Conference.** Transplantation. 2020 Jun;104(6):1131-1135. doi: 10.1097/TP.0000000000003118.
1032. Jayant K, Reccia I, Virdis F, Pyda JS, Bachul PJ, di Sabato D, Barth RN, Fung J, Baker T, Witkowski P. **COVID-19 in hospitalized liver transplant recipients: An early systematic review and meta-analysis**. Clin Transplant. 2021 Apr;35(4):e14246. doi: 10.1111/ctr.14246. Epub 2021 Feb 25.
1033. Madariaga MLL, Guthmiller JJ, Schrantz S, Jansen MO, Christensen C, Kumar M, Prochaska M, Wool G, Durkin-Celauro A, Oh WH, Trockman L, Vigneswaran J, Keskey R, Shaw DG, Dugan H, Zheng NY, Cobb M, Utset H, Wang J, Stovicek O, Bethel C, Matushek S, Giurcanu M, Beavis KG, di Sabato D, Meltzer D, Ferguson MK, Kress JP, Shanmugarajah K, Matthews JB, Fung JF, Wilson PC, Alverdy JC, Donington JS.: **Clinical predictors of donor antibody titre and correlation with recipient antibody response in a COVID-19 convalescent plasma clinical trial.** J Intern Med. 2021 Apr;289(4):559-573. doi: 10.1111/joim.13185. Epub 2020 Nov 3.
1034. Cotter TG, Sandıkçı B, Paul S, Gampa A, Wang J, Te H, Pillai A, Reddy KG, di Sabato D, Little EC, Sundaram V, Fung J, Lucey MR, Charlton M.: **Liver transplantation for alcoholic hepatitis in the United States: Excellent outcomes with profound temporal and geographic variation in frequency.** Am J Transplant. 2021 Mar;21(3):1039-1055. doi: 10.1111/ajt.16143. Epub 2020 Aug 13.
1035. Bachul PJ, Golab K, Basto L, Zangan S, Pyda JS, Perez-Gutierrez A, Borek P, Wang LJ, Tibudan M, Tran DK, Anteby R, Generette GS, Chrzanowski J, Fendler W, Perea L, Jayant K, Lucander A, Thomas C, Philipson L, Millis JM, Fung J, Witkowski P.: **Post-Hoc Analysis of a Randomized, Double Blind, Prospective Study at the University of Chicago: Additional Standardizations of Trial Protocol are Needed to Evaluate the Effect of a CXCR1/2 Inhibitor in Islet Allotransplantation.** Cell Transplant. 2021 Jan-Dec;30:9636897211001774. doi: 10.1177/09636897211001774.
1036. Chen M, Rosenberg J, Cai X, Hsuan Lee AC, Shi J, Nguyen M, Wignakumar T, Mirle V, Edobor AJ, Fung J, Donington JS, Shanmugarajah K, Lin Y, Chang E, Randall G, Penaloza-MacMaster P, Tian B, Madariaga ML, Huang J.: **Nanotraps for the containment and clearance of SARS-CoV-2.** Matter. 2021 Apr 22. doi: 10.1016/j.matt.2021.04.005.
1037. Jamil O, Fung J, Kelly D, Azzam R**.: Perioperative fatal pulmonary embolism in a pediatric liver transplant recipient.** Pediatr Transplant. 2021 Mar 27:e14017. doi: 10.1111/petr.14017. Online ahead of print.
1038. Perez-Gutierrez A, Danz D, Chang A, Sekar P, Cummings R, Bachul PJ, Becker Y, Fung J.: **Arterial Intimal Fibrosis in Reperfusion Biopsy Correlates with Graft Function after Kidney Transplant.** Nephron. 2021;145(2):150-156. doi: 10.1159/000513120. Epub 2021 Jan 28.
1039. Witkowski P, Philipson LH, Kaufman DB, Ratner LE, Abouljoud MS, Bellin MD, Buse JB, Kandeel F, Stock PG, Mulligan DC, Markmann JF, Kozlowski T, Andreoni KA, Alejandro R, Baidal DA, Hardy MA, Wickrema A, Mirmira RG, Fung J, Becker YT, Josephson MA, Bachul PJ, Pyda JS, Charlton M, Millis JM, Gaglia JL, Stratta RJ, Fridell JA, Niederhaus SV, Forbes RC, Jayant K, Robertson RP, Odorico JS, Levy MF, Harland RC, Abrams PL, Olaitan OK, Kandaswamy R, Wellen JR, Japour AJ, Desai CS, Naziruddin B, Balamurugan AN, Barth RN, Ricordi C; “Islets for US” Collaborative: **The demise of islet allotransplantation in the United States: A call for an urgent regulatory update.** Am J Transplant. 2021 Apr;21(4):1365-1375. doi: 10.1111/ajt.16397. Epub 2021 Feb 10.
1040. Generette GS, Bachul PJ, Boylan KE, Yassan LJ, Hart J, Pyda JS, Matthews JB, Fung J, Witkowski P.: **Neither amyloid depositions nor hepatic steatosis are associated with marginal islet mass early after autotransplantation**. Am J Transplant. 2021 May;21(5):1985-1987. doi: 10.1111/ajt.16406. Epub 2021 Jan 2.
1041. Nair A, Coromina Hernandez L, Shah S, Zervos X, Zimmerman M, Sasaki K, Diago T, Hashimoto K, Fujiki M, Aucejo F, Bollinger J, Kaiser TL, Miller CM, Quintini C, Fung JJ, Eghtesad B. **Induction Therapy With Antithymocyte Globulin and Delayed Calcineurin Inhibitor Initiation for Renal Protection in Liver Transplantation: A Multicenter Randomized Controlled Phase II-B Trial. Transplantation**. 2021 Jul 27. doi: 10.1097/TP.0000000000003904. Epub ahead of print. PMID: 34319926.
1042. Grybowski D, Bachul PJ, Pyda JS, Kijek M, Fillman N, Perez-Gutierrez A, Basto L, Golab K, Wang LJ, Tibudan M, Lucander A, Azzam R, Chrzanowski J, Fendler W, Fung J, Matthews JB, Nagpal S, Witkowski P, Slidell MB. **Pain resolution and glucose control in pediatric patients with chronic pancreatitis after total pancreatectomy with islet auto-transplantation**. Pediatr Surg Int. 2021 Oct;37(10):1383-1392. doi: 10.1007/s00383-021-04956-5. Epub 2021 Jul 10. PMID: 34245339.
1043. Anteby R, Lucander A, Bachul PJ, Pyda J, Grybowski D, Basto L, Generette GS, Perea L, Golab K, Wang LJ, Tibudan M, Thomas C, Fung J, Witkowski P. **Evaluating the Prognostic Value of Islet Autoantibody Monitoring in Islet Transplant Recipients with Long-Standing Type 1 Diabetes Mellitus.** J Clin Med. 2021 Jun 19;10(12):2708. doi: 10.3390/jcm10122708. PMID: 34205321; PMCID: PMC8233942.
1044. Cotter TG, Wang J, Lieber SR, Odenwald MA, Rich NE, Marrero JA, Singal AG, Mitchell MC, Aronsohn A, Charlton M, Fung J. **"Raising HOPE": Improved Outcomes for HIV/HCV-coinfected Liver Transplant Recipients in the Direct-acting Antiviral Era.** Transplant Direct. 2021 Jun 8;7(7):e707. doi: 10.1097/TXD.0000000000001154. PMID: 34124343; PMCID: PMC8191686.
1045. Chen M, Rosenberg J, Cai X, Hsuan Lee AC, Shi J, Nguyen M, Wignakumar T, Mirle V, Edobor AJ, Fung J, Donington JS, Shanmugarajah K, Lin Y, Chang E, Randall G, Penaloza-MacMaster P, Tian B, Madariaga ML, Huang J. **Nanotraps for the containment and clearance of SARS-CoV-2.** Matter. 2021 Jun 2;4(6):2059-2082. doi: 10.1016/j.matt.2021.04.005. Epub 2021 Apr 22. PMID: 33907732; PMCID: PMC8062026.
1046. Fung JJ. **The Sky Is Not Falling**. Liver Transpl. 2022 Mar;28(3):353-354. doi: 10.1002/lt.26382. Epub 2021 Dec 16. PMID: 34860456.
1047. Tasoudis PT, Ziogas IA, Alexopoulos SP, Fung JJ, Tsoulfas G. **Role of liver transplantation in the management of colorectal liver metastases: Challenges and opportunities**. World J Clin Oncol. 2021 Dec 24;12(12):1193-1201. doi: 10.5306/wjco.v12.i12.1193. PMID: 35070738; PMCID: PMC8716993.
1048. Jayant K, Reccia I, Virdis F, Pyda JS, Bachul PJ, di Sabato D, Barth RN, Fung J, Baker T, Witkowski P. **COVID-19 in hospitalized liver transplant recipients: An early systematic review and meta-analysis.** Clin Transplant. 2021 Apr;35(4):e14246. doi: 10.1111/ctr.14246. Epub 2021 Feb 25. PMID: 33555058; PMCID: PMC7995098.
1049. Jayant K, Reccia I, Bachul PJ, Al-Salmay Y, Pyda JS, Podda M, Perez-Gutierrez A, Dor FJMF, Becker Y, di Sabato D, LaMattina J, Barth R, Fung J, Witkowski P. **The Impact of COVID-19 on Kidney Transplant Recipients in Pre-Vaccination and Delta Strain Era: A Systematic Review and Meta-Analysis.** J Clin Med. 2021 Sep 30;10(19):4533. doi: 10.3390/jcm10194533. PMID: 34640552; PMCID: PMC8509345.
1050. Cai X, Chen M, Prominski A, Lin Y, Ankenbruck N, Rosenberg J, Nguyen M, Shi J, Tomatsidou A, Randall G, Missiakas D, Fung J, Chang EB, Penaloza-MacMaster P, Tian B, Huang J. **A Multifunctional Neutralizing Antibody-Conjugated Nanoparticle Inhibits and Inactivates SARS-CoV-2.** Adv Sci (Weinh). 2022 Jan;9(2):e2103240. doi: 10.1002/advs.202103240. Epub 2021 Nov 10. PMID: 34761549; PMCID: PMC8646742.
1051. Lee ACH, Edobor A, Lysandrou M, Mirle V, Sadek A, Johnston L, Piech R, Rose R, Hart J, Amundsen B, Jendrisak M, Millis JM, Donington J, Madariaga ML, Barth RN, di Sabato D, Shanmugarajah K, Fung J. **The Effect of Normothermic Machine Perfusion on the Immune Profile of Donor Liver**. Front Immunol. 2022 Jun 2;13:788935. doi: 10.3389/fimmu.2022.788935. PMID: 35720395; PMCID: PMC9201055.
1052. Witkowski P, Philipson LH, Buse JB, Robertson RP, Alejandro R, Bellin MD, Kandeel F, Baidal D, Gaglia JL, Posselt AM, Anteby R, Bachul PJ, Al-Salmay Y, Jayant K, Perez-Gutierrez A, Barth RN, Fung JJ, Ricordi C. **Islets Transplantation at a Crossroads - Need for Urgent Regulatory Update in the United States: Perspective** Presented During the Scientific Sessions 2021 at the American Diabetes Association Congress. Front Endocrinol (Lausanne). 2022 Jan 6;12:789526. doi: 10.3389/fendo.2021.789526. PMID: 35069442; PMCID: PMC8772267.
1053. Perez-Gutierrez A, Siddiqi U, Kim G, Rangrass G, Kacha A, Jeevanandam V, Becker Y, Potter L, Fung J, Baker TB. **Combined heart-liver-kidney transplant: The university of Chicago medicine experience.** Clin Transplant. 2022 Apr;36(4):e14586. doi: 10.1111/ctr.14586. Epub 2022 Feb 4. PMID: 35041226.
1054. Rela M, Quintero J, Kasahara M, Muiesan P, Hernández-Oliveros F, Rajalingam R, Shankar S, Sayed BA, di Sabato D, Rammohan A, Fung J, Bilbao I. **Nonhepatic Cancer in the Pediatric Liver Transplant Population: Guidelines From the ILTS-SETH Consensus Conference**. Transplantation. 2022 Jan 1;106(1):e46-e51. doi: 10.1097/TP.0000000000003996. PMID: 34905761.
1055. Shaker TM, Eason JD, Davidson BR, Barth RN, Pirenne J, Imventarza O, Spiro M, Raptis DA, Fung J; ERAS4OLT.org Working Group. **Which cava anastomotic techniques are optimal regarding immediate and short- term outcomes after liver transplantation - A systematic review of the literature and expert panel recommendations.** Clin Transplant. 2022 May 14:e14681. doi: 10.1111/ctr.14681. Epub ahead of print. PMID: 35567584.
1056. Cotter TG, Odenwald MA, Perez-Gutierrez A, Jayant K, DiSabato D, Charlton M, Fung J. **Preservation solutions for static cold storage in donation after circulatory death and donation after brain death liver transplantation in the United States**. Liver Transpl. 2022 Sep;28(9):1454-1462. doi: 10.1002/lt.26457. Epub 2022 Apr 25. PMID: 35313073.
1057. Lee ACH, Edobor A, Wigakumar T, Lysandrou M, Johnston LK, McMullen P, Mirle V, Diaz A, Piech R, Rose R, Jendrisak M, di Sabato D, Shanmugarajah K, Fung J, Donington J, Madariaga ML. **Donor leukocyte trafficking during human ex vivo lung perfusion**. Clin Transplant. 2022 Jul;36(7):e14670. doi: 10.1111/ctr.14670. Epub 2022 Apr 18. PMID: 35396887.
1058. Fung J, DiSabato D, Liao CY, Ahmed O, Pillai A. **Perspective: Advances in liver transplantation for hepatocellular carcinoma - A prototype for transplant oncology**. Hepatobiliary Pancreat Dis Int. 2022 Sep 9:S1499-3872(22)00204-1. doi: 10.1016/j.hbpd.2022.09.003. Epub ahead of print. PMID: 36163102.
1059. Jamil OK, Sandikçi B, Faust N, Cotter TG, Paul S, di Sabato D, Fung J, Charlton M. **Relatively Poor Long-term Outcomes Following Liver Transplantation for NASH in the United States. Transplantation.** 2022 Oct 1;106(10):2006-2018. doi: 10.1097/TP.0000000000004208. Epub 2022 Jun 29. PMID: 35765128.
1060. Pollok JM, Tinguely P, Berenguer M, Niemann CU, Raptis DA, Spiro M; ERAS4OLT.org collaborative. **Enhanced recovery for liver transplantation: recommendations from the 2022 International Liver Transplantation Society consensus conference.** Lancet Gastroenterol Hepatol. 2023 Jan;8(1):81-94. doi: 10.1016/S2468-1253(22)00268-0. Erratum in: Lancet Gastroenterol Hepatol. 2023 Feb;8(2):117. PMID: 36495912.
1061. Fung J, DiSabato D, Liao CY, Ahmed O, Pillai A. **Perspective: Advances in liver transplantation for hepatocellular carcinoma - A prototype for transplant oncology.** Hepatobiliary Pancreat Dis Int. 2023 Feb;22(1):4-6. doi: 10.1016/j.hbpd.2022.09.003. Epub 2022 Sep 9. PMID: 36163102.
1062. Ahmed O, Yu Q, Patel M, Hwang G, Pillai A, Liao CY, Fung J, Baker T. **Yttrium-90 Radioembolization and Concomitant Systemic Gemcitabine, Cisplatin, and Capecitabine as the First-Line Therapy for Locally Advanced Intrahepatic Cholangiocarcinoma.** J Vasc Interv Radiol. 2023 Apr;34(4):702-709. doi: 10.1016/j.jvir.2022.12.017. Epub 2022 Dec 13. PMID: 36521794.
1063. Juloori A, Katipally RR, Lemons JM, Singh AK, Iyer R, Robbins JR, George B, Hall WA, Pitroda SP, Arif F, Fung J, Pillai A, Liao CY, Sharma M, Liauw SL. **Phase 1 Randomized Trial of Stereotactic Body Radiation Therapy Followed by Nivolumab plus Ipilimumab or Nivolumab Alone in Advanced/Unresectable Hepatocellular Carcinoma**. Int J Radiat Oncol Biol Phys. 2023 Jan 1;115(1):202-213. doi: 10.1016/j.ijrobp.2022.09.052. Epub 2022 Sep 13. PMID: 36108891.
1064. Ogledzinski M, Bachul PJ, Rezania K, Hariprasad SM, Gondek S, Lin W, Juengel B, Milejczyk K, Basto L, Wang LW, Perea L, Tibudan M, Barth R, Fung JJ, Witkowski P. **Peri-operative Reparixin therapy resulted in 50% 5-year insulin independence rate: The University of Chicago Experience.** Clinical Transpl 2023 May;37(5):e14981 [https://doi.org/10.1111/ctr.14981 Epub 2023 Apr 4](https://doi.org/10.1111/ctr.14981%20Epub%202023%20Apr%204).
1065. Gondek S, Ogledzinski M, Lin W, Milejczyk K, Juengel B, Potter L, Bachul PJ, Basto L, Wang LW, Perea L, Tibudan M, Witkowska Z, Barth R, Fung JJ, Witkowski P. **Persistence of Long-term Insulin Independence After Islet Transplantation and Two Subsequent Pregnancies**. Eur J Transl Clin Med 2023;6(1):9-13. DOI: 10.31373/ejtcm/166178.
1066. Alhaidar M, Soliven B, Liao C, Rubeiz H, Ogledzinski M, Wikowski P, Rezania K. **Long term effects of pancreatic islet transplantation on polyneuropathy in patients with brittle diabetes: a single center experience.** Muscle and Nerve. 2023 in press.
1067. Panayotova GG, Lunsford KE, Quillin RC 3rd, Rana A, Agopian VG, Lee-Riddle GS, Markovic D, Paterno F, Griesemer AD, Amin A, Alonso D, Rocca JP, Borja-Cacho D, Hernandez-Alejandro R, Fung JJ, Pelletier SJ, Shah SA, Guarrera JV. **Portable hypothermic oxygenated machine perfusion for organ preservation in liver transplantation (PILOTTM): A randomized, open-label, clinical trial.** Hepatology. 2023 Dec 13. doi: 10.1097/HEP.0000000000000715. Epub ahead of print. PMID: 38090880.
1068. Peters TG, Fung JJ, Radcliffe-Richards J, Satel S, Roth AE, McCormick F, Gershun M, Matas AJ, Roberts JP, Morrison J, Chertow GM, Lee LD, Held PJ, Ojo A. **Report From a Multidisciplinary Symposium on the Future of Living Kidney Donor Transplantation.** Prog Transplant. 2023 Dec;33(4):363-371. doi: 10.1177/15269248231212911. Epub 2023 Nov 15. PMID: 37968881.
1069. Jin P, Zhang W, Sun L, Lv H, Duan X, Zhang Y, Bai X, Zhu Z, Fung J, Liang T. **Improve the prediction of liver transplant mortality based on pre-transplant factors: A multi-center study from China: Mortality prediction of LT.** Dig Liver Dis. 2023 Nov 14:S1590-8658(23)01015-0. doi: 10.1016/j.dld.2023.10.024. Epub ahead of print. PMID: 37973471.
1070. Yu Q, Ungchusri E, Pillai A, Liao CY, Baker T, Fung J, DiSabato D, Zhang M, Liao C, Van Ha T, Ahmed O. **Selective internal radiation therapy using yttrium-90 microspheres for treatment of localized and locally advanced intrahepatic cholangiocarcinoma**. Eur Radiol. 2023 Oct 9. doi: 10.1007/s00330-023-10203-3. Epub ahead of print. PMID: 37812295.
1071. Kirchner VA, Shankar S, Victor DW 3rd, Tanaka T, Goldaracena N, Troisi RI, Olthoff KM, Kim JM, Pomfret EA, Heaton N, Polak WG, Shukla A, Mohanka R, Balci D, Ghobrial M, Gupta S, Maluf D, Fung JJ, Eguchi S, Roberts J, Eghtesad B, Selzner M, Prasad R, Kasahara M, Egawa H, Lerut J, Broering D, Berenguer M, Cattral MS, Clavien PA, Chen CL, Shah SR, Zhu ZJ, Ascher N, Ikegami T, Bhangui P, Rammohan A, Emond JC, Rela M. **Management of Established Small-for-size Syndrome in Post Living Donor Liver Transplantation: Medical, Radiological, and Surgical Interventions: Guidelines From the ILTS-iLDLT-LTSI Consensus Conference.** Transplantation. 2023 Oct 1;107(10):2238-2246. doi: 10.1097/TP.0000000000004771. Epub 2023 Sep 25. PMID: 37749813.
1072. Anouti A, Patel MS, VanWagner LB, Lee WM, Fung JJ, Cholankeril G, Hwang CS, Mufti AR, Tujios S, Kerr T, Rich NE, Louissaint J, Desai DM, Vagefi PA, Hanish S, Shah J, Singal AG, Cotter TG. **Biliary atresia and liver transplantation in the United States: A contemporary analysis.** Liver Int. 2023 Oct;43(10):2198-2209. doi: 10.1111/liv.15689. Epub 2023 Aug 7. PMID: 37548078.
1073. Zhang W, Jin P, Liu J, Wu Y, Wang R, Zhang Y, Shen Y, Zhang M, Bai X, Fung J, Liang T. **Dynamic evaluation based on acute-on-chronic liver failure predicts survival of patients after liver transplantation: a cohort study.** Int J Surg. 2023 Oct 1;109(10):3117-3125. doi: 10.1097/JS9.0000000000000596. PMID: 37498133; PMCID: PMC10583902.
1074. Jayant K, Cotter TG, Reccia I, Virdis F, Podda M, Machairas N, Arasaradnam RP, DiSabato D, LaMattina JC, Barth RN, Witkowski P, Fung JJ. **Comparing High- and Low-Model for End-Stage Liver Disease Living-Donor Liver Transplantation to Determine Clinical Efficacy: A Systematic Review and Meta-Analysis (CHALICE Study).** J Clin Med. 2023 Sep 6;12(18):5795. doi: 10.3390/jcm12185795. PMID: 37762738; PMCID: PMC10531849.
1075. Perez-Gutierrez A, McGill RL, Juengel B, Bachul PJ, Danz DN, Josephson M, Chung BB, Nguyen A, Fung JJ, Barth RN, Becker YT. **The Seattle Heart Failure Model in Kidney Transplant Recipients.** J Clin Med. 2023 Dec 11;12(24):7614. doi: 10.3390/jcm12247614. PMID: 38137683; PMCID: PMC10743453.
1076. Lehmann CJ, Dylla NP, Odenwald M, Nayak R, Khalid M, Boissiere J, Cantoral J, Adler E, Stutz MR, Dela Cruz M, Moran A, Lin H, Ramaswamy R, Sundararajan A, Sidebottom AM, Little J, Pamer EG, Aronsohn A, Fung J, Baker TB, Kacha A. **Fecal metabolite profiling identifies liver transplant recipients at risk for postoperative infection.** Cell Host Microbe. 2023 Dec 9:S1931-3128(23)00465-1. doi: 10.1016/j.chom.2023.11.016. Epub ahead of print. PMID: 38103544.
1077. Panayotova GG, Lunsford KE, Quillin RC 3rd, Rana A, Agopian VG, Lee-Riddle GS, Markovic D, Paterno F, Griesemer AD, Amin A, Alonso D, Rocca JP, Borja-Cacho D, Hernandez-Alejandro R, Fung JJ, Pelletier SJ, Shah SA, Guarrera JV. **Portable hypothermic oxygenated machine perfusion for organ preservation in liver transplantation (PILOTTM): A randomized, open-label, clinical trial**. Hepatology. 2023 Dec 13. doi: 10.1097/HEP.0000000000000715. Epub ahead of print. PMID: 38090880.
1078. Yu Q, Ungchusri E, Pillai A, Liao CY, Baker T, Fung J, DiSabato D, Zhang M, Liao C, Van Ha T, Ahmed O. **Selective internal radiation therapy using yttrium-90 microspheres for treatment of localized and locally advanced intrahepatic cholangiocarcinoma**. Eur Radiol. 2024 Apr;34(4):2374-2383. doi: 10.1007/s00330-023-10203-3. Epub 2023 Oct 9. PMID: 37812295.
1079. Yu Q, Wang Y, Ungchusri E, Pillai A, Liao CY, Fung J, DiSabato D, Baker T, Patel M, Van Ha T, Ahmed O. **Modified Radiation Lobectomy Strategy of Radioembolization for Right-Sided Unresectable Primary Liver Tumors.** J Vasc Interv Radiol. 2024 Mar 13:S1051-0443(24)00211-2. doi: 10.1016/j.jvir.2024.03.005. Epub ahead of print. PMID: 38490364.
1080. Bellamy COC, O'Leary JG, Adeyi O, Baddour N, Batal I, Bucuvalas J, Del Bello A, El Hag M, El-Monayeri M, Farris AB 3rd, Feng S, Fiel MI, Fischer SE, Fung J, Grzyb K, Guimei M, Haga H, Hart J, Jackson AM, Jaeckel E, Khurram NA, Knechtle SJ, Lesniak D, Levitsky J, McCaughan G, McKenzie C, Mescoli C, Miquel R, Minervini MI, Nasser IA, Neil D, O'Neil MF, Pappo O, Randhawa P, Ruiz P, Fueyo AS, Schady D, Schiano T, Sebagh M, Smith M, Stevenson HL, Taner T, Taubert R, Thung S, Trunecka P, Wang HL, Wood-Trageser M, Yilmaz F, Zen Y, Zeevi A, Demetris AJ. **Banff 2022 Liver Group Meeting report: Monitoring long-term allograft health.** Am J Transplant. 2024 Mar 9:S1600-6135(24)00204-1. doi: 10.1016/j.ajt.2024.03.008. Epub ahead of print. PMID: 38461883.
1081. Panayotova GG, Lunsford KE, Quillin RC 3rd, Rana A, Agopian VG, Lee-Riddle GS, Markovic D, Paterno F, Griesemer AD, Amin A, Alonso D, Rocca JP, Borja-Cacho D, Hernandez-Alejandro R, Fung JJ, Pelletier SJ, Shah SA, Guarrera JV. **Portable hypothermic oxygenated machine perfusion for organ preservation in liver transplantation: A randomized, open-label, clinical trial.** Hepatology. 2023 Dec 13. doi: 10.1097/HEP.0000000000000715. Epub ahead of print. PMID: 38090880.

(b) Invited submission (Editorials/Letters to the Editor) in traditional outlets:

1. Starzl TE, Fung JJ. **OKT3 monoclonal antibodies and organ transplantation** [Editorial]. Dateline: Issues in Transplantation, 1985.

2. Starzl TE, Fung JJ. **Between Scylla and Charybdis** [Editorial]. Ann Surg 222(2):107-108, 1995.

3. McCauley J, Bronsther O, Fung JJ, Todo S, Starzl TE. **Successful treatment of cyclosporine induced hemolytic uremic syndrome with FK506** [Letter to Editor]. Lancet 2:1516, 1989.

4. McCauley J, Tzakis AG, Fung JJ, Todo S, Starzl TE. **Treatment with FK506 of steroid resistant focal sclerosing glomerulonephritis (FSGN) of childhood** [Letter to Editor]. Lancet 335:674, 1990.

5. Przepiorka D, Abu-Elmagd K, Huaringa A, Luna M, van Besian K, Starzl TE, Fung JJ. **Bronchiolitis obliterans organizing pneumonia in a BMT patient receiving FK506** [Letter to Editor]. Bone Marrow Transplant 11:502, 1993.

6. Starzl TE, Abu-Elmagd K, Fung JJ, Todo S, Tzakis AG, McCauley J, Demetris AJ. **Clinical experience with FK506** [Editorial]. La Press Medicale September, 1992, pages 1967-1973

7. Shapiro R, Venkataramanan R, Warty VS, Scantlebury VP, Rybka W, McCauley J, Fung JJ, Starzl TE.  **FK506 interaction with danazol** [Letter to Editor]. Lancet 341:1344-45, 1993.

8. DiMartini A, Weinrieb R, Lane T, Day N, Fung JJ: **Defining the alcoholic liver transplant population: implications for future research** [Editorial]. Liver Transpl 7(5):428-431, 2001.

9. Kadry Z, Bronsther O, Fung JJ: **Kaposi’s sarcoma in liver transplant recipients on FK506** [Letter to the Editor]. Transplantation 65(8):1140, 1998.

10. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, McCauley J, Johnston J, Fung JJ, Starzl TE: **Alopecia as a consequence of tacrolimus therapy** [Letter to the Editor]. Transplantation 65(9):1284, 1998.

11. Shapiro R, Scantlebury V, Jordan ML, Vivas C, Ellis D, Lombardozzi-Lane S, Fung JJ, Simmons RL, Starzl TE: **Posttransplant diabetes in pediatric recipients on tacrolimus**. (Letter to the Editor) Transplantation 67(5):771, 1999.

12. Fung JJ: **Resource use in liver transplantation.** JAMA 282(22):2123-2124, 1999 (Letter to the Editor).

13. Young JD, Bianco RW, Fung JJ, Lackner AA: Animal Activism and Intimidation of Scientists. [Letter to Editor]. Science, 2006; 314:923.

14. Fung JJ, Cimeno A. **First Things First: Prioritizing Machine Perfusion Goals**. [Editorial] J Am Coll Surg. 2024 Jan 8. doi: 10.1097/XCS.0000000000000947. Epub ahead of print. PMID: 38189428.

(c) Peer-reviewed works in 'non-traditional' outlets:

1. Fung JJ: **The organ allocation debate: a call for fairness.** *Medical Crossfire* October, 1999, available at:

<http://www.medicalcrossfire.com/journal/monographs/99_10_organ.html>

2. Fung JJ: **Transplantation in HIV-positive patients?** *Medscape Ask the Experts, February 29, 2000,* available at:  [http://www.medscape.com/viewarticle/414134](http://www.medscape.com/medscape/transplantation/AskExperts/2000/02/TRAN-ae09.html)

3. Fung JJ: **Highlights of the Eighth Congress of the International Liver Transplantation Society.** *Medscape Transplantation* 3(2), 2002, available at:

<http://www.medscape.com/viewarticle/438900>

4. Fung JJ: **Monotherapy immunosuppression in liver transplantation.** *Medscape Transplantation* 2005; 6 (1): ©2005 Medscape.

<http://www.medscape.com/viewarticle/507918>

1. Fung JJ: **Marginal recipients in liver transplantation**. *Medscape 11th Annual Congress of the International Liver Transplantation Society – Pushing the Limits.* August 25, 2005. <http://www.medscape.com/viewarticle/511009>

6. Fung JJ: **Liver transplantation in patients with hepatitis C virus.** *Medscape Transplantation* 2007; 6 (1): ©2007 Medscape.

<http://www.medscape.com/viewarticle/562925>

7. Fung J: **Cholangiocarcinoma.** *Audio-Digest: General Surgery Board Review.* 2014 ©2014 Audio-Digest Foundation.

(d) Books:

1. Fung JJ: **Ontogeny of clonal responses and mechanisms in dominant idiotype expression in the BALB/c response to phosphorylcholine** [dissertation], Chicago, IL, University of Chicago, 1980.
2. Fung J, Rakela J (eds): **Liver Transplantation**. Surgical Clinics North America, Volume 79, issue 1, 1999
3. GC Oniscu, JL Forsythe, J Fung (eds), **Abdominal Organ Retrieval and Transplantation Bench Surgery**, Wiley-Blackwell, Oxford, 2013
4. Eghtesad B, Fung J (eds): **Surgical Procedures in the Cirrhotic Patient.** Springer, New York, 2017

(e) Book chapters:

1. Köhler H, Kaplan D, Kaplan R, Fung JJ, Quintans J: **Ontogeny of clonal dominance**. In: Pernis B, Vogel H, eds. Cells of Immunoglobulin Synthesis New York, Academic Press, Inc, 1979:357-369.

2. Fung JJ, Gleason K, Ward R, Köhler H: **Maturation of B-cell clones**. In: Cohen EP, Köhler H, eds. Membranes, Receptors, and the Immune Response New York, AR Liss, 1980:203-214.

3. Köhler H, Fung JJ: **Analysis of the early non-regulated germ line precursor repertoire for PC**. In: Klinman N, Mosier D, Scher I, Vitetta E, eds. B Lymphocytes in the Immune Response: Functional Developmental and Interactive Properties, Vol 15 The Netherlands, Elsevier-North Holland, Inc, 1981:69-75.

4. Fung JJ, Ward R, Köhler H: **Idiotypy in ontogeny of phosphorylcholine-specific precursors**. In: Steinberg CM, Lefkovits I, eds. The Immune System, Vol 2 Basel, Switzerland, S. Karger, 1981:336-344.

5. Kusne S, Alessiani M, Martin M, Fung JJ, Starzl TE: **Bacteremia after liver transplantation: Few issues in selection of antibiotics for treatment and prophylaxis**. In: Galmarini D, Fassati LR, Paoletti R, Luwer K, Sherlock S, eds. Drugs and the Liver-High Risk Patients and Transplantation Academic Publishers, Milan Italy, 1983:43-47.

6. Duquesnoy RJ, Zeevi A, Fung JJ: **Functional studies of in vivo committed lymphocytes propagated from organ transplant**. In: Murasnsky K, Peetoom F, eds. Transfusion Medicine: Recent Technological Advances New York, AR Liss, 1986:211:59-73.

7. Saidman S, Markus B, Demetris AJ, Fung JJ, Zeevi A, Starzl T, Duquesnoy R: **Role of HLA class II-specific alloreactive T cells in biliary epithelium injury associated with liver transplant rejection**. In: Immunobiology of HLA, Volume II: Immunogenetics and Histocompatibility New York, Springer-Verlag, 1988:533-536.

8. Starzl TE, Tzakis AG, Makowka L, Fung JJ, Klintmalm G, Todo S, Gordon R, Griffin M: **Combined liver and kidney transplantation with particular reference to positive cytotoxic crossmatches**. In: Giorano, Freidman, eds. Progress and Prevention of Uremia, Volume II Philadelphia, Field & Wood, 1989:24-29.

9. Shapiro R, Tzakis AG, Fung JJ, Hakala TR, Jordan ML, Hickey D, Iwaki Y, Starzl TE: **The University of Pittsburgh: A three and three-quarter year experience with cadaveric renal transplantation under the point system**. In: Terasaki PI, ed. Clinical Transplants 1989 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1990:287-293.

10. Alessiani M, Ricordi C, Todo S, Tzakis A, Fung JJ, Starzl TE: **Present status of the cluster transplantation and its variants**. In: Touraine JL, et al, eds. Transplantation and Clinical Immunology, Vol. 22 New York, Excerpta Medica, 1991:19-23.

11. Alessiani M, Jain A, Abu-Elmagd K, Todo S, Fung JJ, Starzl TE: **An overview on clinical organ transplantation under FK506**. In: Touraine JL, et al, eds. Transplantation and Clinical Immunology, Vol. 22 New York, Excerpta Medica, 1991:135-143.

12. Fung JJ, Abu-Elmagd K, Alessiani M, Armitage J, Bloom E, Bronsther O, Casavilla A, Demetris AJ, Gordon R, Hakala T, Imventarza O, Jaffe R, Jain A, Jordan M, Kormos R, Martin M, McCauley J, Przepiorka D, Scantlebury V, Selby R, Shapiro R, Starzl TE, Staschak S, Stieber A, Todo S, Tzakis A, Van Thiel DH: **Overview of FK506 in transplantation**. In: Terasaki PI, ed. Clinical Transplants 1990 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1991:115-121.

13. Fung JJ, Abu-Elmagd K, Todo S, Shapiro R, Tzakis A, Jordan M, Armitage J, Jain A, Martin M, Bronster O, Stieber A, Kormos R, Selby R, Gordon R, Starzl TE: **Current status on FK506 in organ transplantation**. In: Chatelain C, Jacobs CL, eds. Seminaires D'Uro-Nephrologie Paris, France, Masson, 1991:196-201.

14. Fung JJ, Ostberg L, Shapiro R, Todo S, Demetris A, Starzl T: **Human monoclonal antibody against hepatitis B surface antigen in preventing recurrent hepatitis B following liver transplantation**. In: Hollinger F, et al., eds. Viral Hepatitis and Liver Disease Baltimore, MD, Williams & Wilkins, 1991:651.

15. Gordon RD, Todo S, Fung JJ, Tzakis AG, Murase N, Jain A, Alessiani M, Starzl TE: **Early experience with FK506 in liver transplantation**. In: Abouna GM, Kumar MSA, White AG, eds. Organ Transplantation 1990 Norwall, MA, Kluwer Academic Publishers, 1991:109-121.

16. Ricordi C, Alessiani M, Tzakis A, Todo S, Marino IR, Pinna A, Scotti C, Fung JJ, Starzl TE: **Il trapianto cluster: Stato dell'arte**. In: Monduzzi, ed. Proceedings of the 21st Congress of the Italian Society of Organ Transplantation 1991:945-948.

17. Alessiani M, Ricordi C, Fung JJ, Abu-Elmagd K, Jain A, Scotti C, Pinna A, Cillo U, Carrieri G, Zetti G, Starzl TE: **Uso clinico dell' FK506 nel trapianto di fegato**. In: Monduzzi, ed. Proceedings of the 21st Congress of the Italian Society of Organ Transplantation 1991:611-615.

18. Carrieri G, Shapiro R, Fung JJ, Alessiani M, Ricordi C, Maestri M, Zetti G, Pinna A, Scotti C, Selvaggi FP, Starzl TE: **FK506 vs ciclosporina nel trapianto di rene**. In: Monduzzi, ed. Proceedings of the 21st Congress of the Italian Society of Organ Transplantation 1991:277-280.

19. Van Thiel DH, Fung JJ, Todo S, Demetris AJ, Starzl TE: **Liver transplantation for viral liver disease**. In: Hollinger FB, Lemon SM, Margolis H, eds. Viral Hepatitis and Liver Disease Baltimore, Williams & Wilkins, 1991:629-631.

20. Fung JJ, Thomson AW, Starzl TE: **Overview of FK506 in transplantation**. In: Bach JF, ed. T-cell Directed Immunointervention Oxford, England, Blackwell Scientific Publications, Ltd, 1992:138-153.

21. Gordon RD, Fung JJ, Tzakis AG, Todo S, Stieber A, Bronsther O, Martin M, Van Thiel DH, Starzl TE: **Liver transplantation at the University of Pittsburgh, 1984 to 1990**. In: Terasaki PI, ed. Clinical Transplants 1991 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1992:115-121.

22. Ricordi C, Carroll PB, Tzakis AG, Alejandro R, Zeng Y, Rilo HLR, Fontes PA, Shapiro R, Fung JJ, Starzl TE: **Islet transplantation in diabetes: The Pittsburgh experience**. In: Ricordi C, ed. Pancreatic Islet Cell Transplantation, 1892-1992: One Century of Transplantation for Diabetes, Austin/Berlin, R.G. Landes Company, Georgetown, TX, 1992:448-453.

23. Marino IR, Tzakis AG, Fung JJ, Todo S, Doyle HR, Starzl TE: **Xenotrapianto epatico: esperienza clinica**. In: D'Amico DF, Bassi N, eds. Il Trapianto di Fegato Padua, Italy, Masson, 1993:269-270.

24. Marino IR, Starzl TE, Fung JJ: **Accelerated rejection of liver grafts with particular attention to FK506**. In: Gubernatis G, ed. Acute Rejection of Liver Grafts Texas, R.G. Landis Company, 1993:78-93.

25. Thomson AW, Shapiro R, Fung JJ, Starzl TE: **New immunosuppressive drugs: Mechanisms of action and early clinical experience**. In: Thomson AW, Catto GRD, eds. Immunology of Renal Transplantation London, Edward Arnold Publishers, 1993:264-280.

26. Thomson AW, Woo J, Fung JJ, Starzl TE: **Pharmacology and molecular action**. In: Bach JF, ed. T-cell Directed Immunointervention Oxford, England, Blackwell Scientific Publications, Ltd, 1993:121-137.

27. Abu-Elmagd K, Bronsther OL, Jain A, Irish W, Ramos H, Marino I, Dodson F, Selby R, Doyle H, Furukawa H, Gayowski T, Nour B, Reyes J, Mazariegos G, Pinna A, Rao AS, Fontes PA, Casavilla A, Jabbour N, Marsh W, Madariaga J, Demetris A, Tzakis A, Todo S, Iwatsuki S, Fung JJ, Starzl TE: **Recent Advances in Hepatic Transplantation at the University of Pittsburgh.** In: Terasaki and Cecka, eds. Clinical Transplants 1993 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1993:137-152.

28. McMichael J, Lieberman R, Irish W, Doyle H, McCauley J, Van Thiel DH, Venkataramanan R, Warty V, Fung JJ, Starzl TE: **Three dimensional surface mapping and simulation of FK506 dose level relationships**. In: Proceedings of the 1993 Society for Computer Simulation Western Multiconference January 17-20. La Jolla, CA, 1993:35-41.

29. Bartoli F, Zaiko AB, Marino IR, Martin MF, Scotti-Foglieni C, Cillo U, Tzakis AG, Fung JJ, Starzl TE: **Transjugular intrahepatic portosystemic shunt in the treatment of portal hypertension.** In: DF D'Amico, N Bassi, eds. Liver Transplantation Procedures and Management Masson, Milan, Paris, Carcedlona, 1994:27-37.

30. Marino I, Doyle H, Abu-Elmagd K, Scotti-Foglieni C, Manez R, Tzakis AG, Todo S, Fung JJ, Starzl TE: **The latest advances in liver transplantation at the Pittsburgh Transplantation Institute: Evolution of FK506, liver-intestinal transplantation, clinical xenotransplantation, and the induction of graft acceptance.** In: Kerstein and Lewis, eds. Surgical Technology International III Universal Medical Press, Inc., 1994:375-389.

31. Imventarza O, Rodriguez-Rilo HL, Oks A, Fung JJ, Starzl TE: **Liver transplantation in primates.** In: Makowka L, Podesta LG, Cramer DV, eds. Handbook of Animal Models in Transplantation Research Boca Raton, FL, CRC Press, 1994:87-95.

32. Parmato B, Munro PW, Doyle HR, Doria C, Aldrighetti L, Marino IR, Mitchel S, Fung JJ: **Neural network classifier for hepatoma detection.** In: World Congress On Neural Networks 1994 International Neural Network Society Annual Meeting: 1994 June 5-9; San Diago, CA, Hillsdale, NJ, L. Erlbaum, 1994, Vol 1, I-285-I-290.

33. Qian S, Fung JJ: **Liver transplantation in mice.** In: Makowka L, Podesta LG, Cramer DV, eds. Handbook of Animal Models in Transplantation Research 1994:31-37.

34. Abu-Elmagd K, Todo S, Fung J, Demetris J, Rakela J, Iwatsuki S, Starzl TE: **Hepatic transplantation at the University of Pittsburgh: New Horizons and paradigms after 30 years of experience.** In: Terasaki and Cecka, eds Clinical Transplants 1994 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1995:133-156.

35. Shah AN, Dodson F, Fung JJ: **Role of nuclear medicine in liver transplantation.** In: Freeman and Blaufox, eds. Seminars in Nuclear Medicine W. B. Saunders Company, 1995:36-48.

36. Rosenbloom AJ, Fung JJ: **Principles of Immunosuppression.** In: Shoemaker WC, Ayres SM, Grenvik ANA, Holbrok PR, eds. Textbook of Critical Care, Third Edition 1995:1625-1631.

37. Kramer DJ, Selby R, Fung JJ: **Intensive care of liver transplant recipients.** ; In: Shoemaker WC, Ayres SM, Grenvik ANA, Holbrok PR, eds. Textbook of Critical Care, Third Edition 1995:1638-1649.

38. Fung JJ, Shapiro R, Grenvik A, Dodson F, Starzl TE: **Future of transplantation (including xenografting).** In: Shoemaker WC, Ayres SM, Grenvik ANA, Holbrok PR, eds. Textbook of Critical Care, Third Edition 1995:1709-1716.

39. Thomson AW, Woo J, Zeevi A, Murase N, Fung JJ, Todo S, Starzl TE: **FK506: A powerful new drug for T cell-directed immunointervention**. In: Guenounou M, ed Forum On Immunomodulators John Libbey Eurotext, Paris, France, 1995:175-203.

40. Thomson AW, Lu L, Qian S, Fu F, Fung JJ, Starzl TE. **Immature dendritic cells induce hyporesponsiveness to alloantigens in vitro and prolong mouse cardiac allograft survival**. In: Alexander JW, Good, RA, eds. Transplant Tolerance Induction. Austin, R.G. Landis Company, 1995:141-150.

41. Fontes PA, Ricordi C, Rao AS, Rybka WB, Dodson SF, McAllister CG, Broznick B, Ukah FO, Fung JJ, Starzl TE. **Human vertebral bodies as a source of bone marrow for cell augmentation in whole organ allografts**. In: Methods in Cell Transplantation. C. Ricordi,(Ed.), RG Landes, (Pub.) Austin, Texas. pp. 619-628, 1995.

42. Demetris AJ, Athanassios C, Tsamandas AC, Delaney CP, Abu-Elmagd K, Fung JJ, Starzl TE: **Pathology of liver transplantation**. In: Busuttil RW, Klintmalm GB, eds. Transplantation of the Liver Orlando, FL, W.B. Saunders Co., Philadelphia, PA, 1996:537-547.

43. Fung JJ, Todo S, Valdivia L, Starzl TE: **Xenotransplantation: Principles and practice**. In: Busuttil RW, Klintmalm GB, eds. Transplantation of The Liver W.B. Saunders Company, Philadelphia, PA, 1996:537-547.

44. Fung JJ, Todo S, Magnone M, Starzl TE: **Tacrolimus in solid organ transplantation**. In: Lieberman R, ed. Principles of Drug Design In Transplantation & Autoimmunity Raven Press, New York, NY, 1996:183-190.

45. Fung JJ, Abu-Elmagd K, Todo S:  **Intestinal and Multivisceral transplantation**. In: Bell RH, Rikkers LF, Mulholland MW, eds Digestive Tract Surgery Lippincott-Raven, Philadelphia, PA, 1996:1229-1261.

46. Fung JJ, Roberts JP: **The rationale for equitable liver allocation.** In: Cecka, Terasaki, eds, Clinical Transplants 1996 UCLA Tissue Typing Laboratory, Los Angeles, California, 1997:325-332.

47. Valdivia LA, Murase N, Rao AS, Demetris AJ, Fung JJ, Starzl TE: **The use of tacrolimus (FK506) and antimetabolites as immunosuppressants for xenotransplantation across closely related rodent species.** In: D.K.C. Cooper, E. Kemp, K. Reemstma, J. Platt, D.J.G. White, eds The Transplantation of Organs and Tissues Between Species, 2nd Edition Springer-Verlag, Berlin, 1997.

48. Fung JJ, Shapiro R, Armitage J, Starzl TE. **Influence of FK506 in clinical transplantation**. In: Thomson AW, Starzl TE, eds. Immunosuppressive Drugs: Developments of Anti-rejection Therapy. Kent, England: Edward Arnold Publishers, 1994:120-128.

49. Gayowski T, Marino IR, Singh N, Doyle HR, Wagener MM, Todo S, Fung JJ, Starzl TE: **Orthotopic liver transplantation in US Veterans under primary tacrolimus (PrografTM) immunosuppression.** In: Lewis JE, Santini GA, Ghu RA, Salvagi S, eds Surgical Technology International San Francisco, CA, University Medical Press, 1996:223.

50. Marino IR, Doyle HR, Rakela J, Fung JJ, Starzl TE. **Orthotopic liver transplantation: Indications and results.** In: Hess W, Berci G, eds. Textbook of Bilo-Pancreatic Disease, Volume III Padua, Italy, Piccin Publishing, 1997:2107-2125.

51. Shapiro R, Jordan ML, Scantlebury VP, Vivas C, Gritsch HA, Corry R, Egidi F, McCauley J, Ellis D, Gilboa N, Lombardozzi-Lane S, Rao A, Fontes P, Zeevi A, Trucco M, Demetris AJ, Randhawa P, Irish W, Fung JJ, Hakala TR, Simmons RL, Starzl TE:  **The superiority of tacrolimus in renal transplant recipients -- the Pittsburgh experience**. In: Terasaki, Cecka, eds, Clinical Transplants 1995 Los Angeles, CA, UCLA Tissue Typing Laboratory, 1996:199-205.

52. Fung JJ, Pinna A: **Surgical complications after liver transplantation.**  In: Lam, Baumgartner, Wang, eds, Update On Hepatobiliary Diseases Kluwer Academic Publishers, Lancaster, UK, 1996:288-294.

53. Furukawa H, Reyes J, Abu-Elmagd K, Todo S, Fung JJ, Starzl TE. **Donor procurement for intestinal transplantation.** In: The Multiorgan Donor. Blackwell Science, Inc., Malden, MA, 1997:221-240.

54. Fung J:. **Small bowel transplantation.** In: Digestive Tract Surgery: A Text and Atlas. J.B. Lippincott Company

55. Qian S, Fu F, Li W, Fung JJ: **Surgical techniques for orthotopic liver transplantation in mice.** In: Microsurgical Models In Rats and Mice For Transplantation Research, Timmermann W, Gassel HJ, Ulrichs K, Zhong R, and Thiede A, eds., Springer-Verlag, New York, 1998

56. Qian S, Lu L, Li W, Fu F, Thomson AW, Fung JJ:  **Donor specific tolerance in mouse liver transplantation.** In: Microsurgical Models In Rats and Mice For Transplantation Research, Timmermann W, Gassel HJ, Ulrichs K, Zhong R, and Thiede A, eds., Springer-Verlag, New York, 1998

57. Starzl TE, Demetris AJ, Murase N, Trucco M, Thomson AW, Rao AS, Fung JJ: **Transplantation Tolerance, Microchimerism, and the two-day paradigm.** In: Kresina TF, ed., Immune Modulating Agents New York, Marcel Dekker, 1998. Chapter 23. p.483-506.

58. Starzl TE, Fung JJ: **Comment on chapter by Klintmalm: Tacrolimus.** In: Transplantation (LC Ginns, AB Cosimi, PJ Morris, eds) Blackwell Science, Inc, Cambridge, MA, 1999. p. 136-146.

59. Mitruka SN, Griffith BP, Kormos RL, Hattler BG, Pigula F, Shapiro R, Fung JJ, Pham SM: **Cardiac surgery in solid organ transplant recipients with functioning allografts.** In: Ennker J, ed, Cardiac Surgery and Concomitant Disease Steinkopff Verlag Darmstadt, 1999:293-307.

60. Fung JJ and Khanna A: **Liver Transplantation.** In: Wijdicks E.F.M., ed, Neurologic Complications In Organ Transplant Recipients Boston, Butterworth-Heinemann, 1999. Chapter 2 p.19-32 (Blue books of practice neurology, v.21

61. Starzl TE, Demetris AJ, Murase N, Trucco M, Thomson AW, Rao AS, Fung JJ: **Transplantation Tolerance, Microchimerism, and the two-day paradigm.** In: Handbook of Immune Modulating Agents (T.F. Kresina, ed), Marcel Dekker, Inc, NY, 1997

62. Khanna A, Rosenbloom AJ, Bonham CA, Fung JJ: **Principles of immunosuppression.** In: Grenvik A, Ayres SM, Holbrook PR, Shoemaker WC, ed, Textbook of Critical Care W.B. Saunders Company 2000:1925-1938.

63. Kramer DJ, Mazariegos GV, Fung JJ: **Intensive care of liver transplant recipients.** In: Grenvik A, Ayres SM, Holbrook PR, Shoemaker WC, ed, Textbook of Critical Care W.B. Saunders Company, 2000:1945-1957.

64. Fung JJ, Rao AS, Molmenti EP, Dodson F, Grenvik A, Starzl TE: **Future of transplantation (including xenografting).** In: Grenvik A, Ayres SM, Holbrook PR, Shoemaker WC, ed, Textbook of Critical Care W.B. Saunders Company, 2000:1997-2008.

65. Doria C, Giraldo M, Bueno JR, Mazariegos G, Vargas H, Kocoshis S, Marino IR, Demetris A, Fung JJ, Starzl TE, Reyes J: **Intestinal transplantation: Current Status and latest developments.** In: Szabo Z, Lewis JE, Fantini GA, Savalgi RS, eds, Surgical Technology International VIII Universal Medical Press, Inc., 1999:309-317.

66. Abu-Elmagd K, Fung J, Reyes J, Rao A, Jain A, Mazariegos G, Marsh W, Madariaga J, Dvorchik I, Bueno J, Rogers J, McMichael J, Dodson F, Vargus H, Martin J, Slivka A, Balan V, Corry R, Rakela J, Murase N, Demetris J, Iwatsuki S, Starzl T: **Hepatic and intestinal transplantation at the University of Pittsburgh.**  In: Clinical Transplantation 1998, pg. 263-286.

67. Fung JJ, Dodson F: **Liver transplantation for chronic viral hepatitis B and C.** In: Sasaki M., et al. **New directions for cellular and organ transplantation**. Proceedings of the 3rd Meeting of the Hirosaki International Forum of Medical Sciences. Amsterdam, Elsevier, 2000. International Congress Series; v.1210.

68. Fung JJ and Bradley A: **Clinical transplantation and the immunology of organ rejection.** In: Zbar AP, Guillou PJ, Bland KI, Syrigos KN, eds, Immunology for Surgeons Springer-Verlag London, 2002:155-166.

69. Demetris AJ, Murase N, Fung JJ, Starzl TE: **Dendritic cells in rejection and acceptance of solid organ allografts.** In: Lotze TE, Thomson AW, eds. Dendritic Cells: Biology and Clinical ApplicationsAcademic Press, Limited, 2001:439-457.

70. Abu-Elmagd K, Bond G, Reyes J, Fung J: **Intestinal transplantation: a coming of age.** In: Advances In Surgery, Volume 36, Mosby (12/01).

71. Abu-Elmagd K, Reyes J, Fung JJ: **Clinical intestinal transplantation: recent advances and future considerations.** In: Norman DJ, Turka LA, eds. Primer On Transplantation, Second Edition, American Society of Transplantation National Office, Mt. Laurel, NJ, 2001:610-625.

72. Fung JJ, Bradley JA: **Clinical transplantation and the immunology of organ rejection.** In: Zbar A, Guillou PJ, Bland KI, and Syrigos KN, eds. Immunology for General Surgeons, Springer-Verlag, London. pp 155-166.

73. Torpey N, Bradley JA, Fung JJ: **Immunosuppressive therapy in solid organ transplantation.** In: Zbar A, , Guillou PJ, Bland KI, and Syrigos KN, eds. Immunology for General Surgeons, Springer-Verlag, London. pp 127-154.

74. Fung JJ: **Organ Transplants.** In: The New Book of Knowledge, Grolier, Danbury, CT, 2004:226-226.

75. Fruchtman S, Barosi G, Fung JJ, Guardiola P, Prchal J, Rand J, Spivak JL: **Myeloproliferative disorders: Issues, controversies and advances in treatment.** *Clin Advances Hematol Oncol,* Volume 2, Supplement 5(June 2004).

76. Starzl TE, Murase N, Demetris AJ, Trucco M, Eghtesad B, Fontes P, Abu-Elmagd K, Marcos , Fung JJ. **Cell Migration, Chimerism, and Graft Acceptance, with Particular Reference to the Liver.** In: Liver Transplantation, 2nd Edition, Busuttil & Klintmalm (Editors), Elsevier Saunders, Philadelphia, pp. 1183-1198, 2005.

77. Starzl TE, Murase N, Marcos A, Fung JJ. **History of liver and multivisceral transplantation.** In: Transplantation of the Liver, 2nd Edition, Busuttil & Klintmalm (Editors), Elsevier Saunders, Philadelphia., pp. 3-22, 2005

78. Fisher A, Fung J. **Monotherapy in Liver Transplant Recipients**. In: *Transplant Updates*, April 2006, 1: 1-10.

79. Eghtesad B, Fung J: **Liver Transplantation**. In: *The Year in Gastroenterology and Hepatology*, Eds. Zein and Lashner, 2007, Volume 2: 285-303.

80. Planinsic RM, Fung JJ: **Haemostasis in Liver Transplantation Surgery,** in *Haemostasis in Surgery*. Eds. Hakim and Canelo, Imperial College Press, London, 2007, pg 165-178.

81. Eghtesad B, Winans C, Fung JJ. **Living donor liver transplantation for acute liver failure**. In: *Living Donor Organ Transplantation*, Gruessner and Benedetti (Editors), 2008, pg. 633-635

82. Eghtesad B, Miller C, Fung J: **Post-Liver Transplantation Management**. W.D. Carey (Editor), In: Current Clinical Medicine, 2009, pg. 601-607.

83. Johnson M, Fung J: **Intestinal** **Stomas and the Bilary Tree.** V Fazio, J Church, J Wu (Editors), In: Atlas of Intestinal Stomas. 2012, pg 111-112.

84. Eghtesad B, Kelly D, Fung J: **Liver Transplantation in Children**. Wyllie R (Ed), In: Pediatric Gastrointestinal and Liver Disease. 2010, pg. 853-865

85. Eghtesad B, Miller C, Fung J: **Post-Liver Transplantation Management**. W.D. Carey (Editor), *Current Clinical Medicine*, 2011

86. Eghtesad B, Fung J: **Immunosuppression in Composite Tissue Allotransplantation**. M.Z. Siemionow (Editor), *The Know-How of Face Transplantation*, Springer-Verlag, London, 2011, pg 427-37

87. Schonder KS, Weber R, Fung JJ, Starzl TE: **Clinical Use of Immunosuppressants.** JL Vincent, E Abraham, FA Moor, PM Kochanek, MP Fink (eds), Textbook of Critical Care, Elsevier-Saunders, 2011, pg 1308-1316.

88. Eghtesad B, Fung J: **The Liver Transplant Procedure**. M. Sorrell (Editor), Schiff’s Diseases of the Liver, 11th Edition, Wiley-Blackwell, Oxford, 2012, pg 1137-1151

89. Hashimoto K, Fung J: **In Situ Liver Splitting.** GC Oniscu, JL Forsythe, J Fung (eds), Abdominal Organ Retrieval and Transplantation Bench Surgery, Wiley-Blackwell, Oxford, 2013, pg. 101-115

90. Fung J, Hashimoto K, Eghtesad B, Lebovitz D, Watson M. **Deceased Donor Management** (Chapter 20). A. Kirk (Ed), Textbook of Organ Transplantation. Wiley-Blackwell, 2014, pg. 265-276

91. Starzl TE, Eghtesad B, Abu-Elmagd K, Demetris AJ, Fung JJ: **Chimerism – Meaning And Consequences In Liver Transplantation**. In: Liver Transplantation, 3rd Edition, Busuttil & Klintmalm (Editors), Elsevier Saunders, Philadelphia, 2015, pg. 1227-1244

92. Shah M, Presser N, Fung JJ: **Transplantation Immunology.** A.D. Pinna, G. Ercolani (eds.), Abdominal Solid Organ Transplantation: Immunology, Indications, Techniques, and Early Complications, 2015, Springer International Switzerland, pg. 2-32.

93. Eghtesad B, Hashimoto K, Fung J: **Liver Transplantation in Children**. Wyllie R, J.S. Hyans, M. Kay (Eds), In: Pediatric Gastrointestinal and Liver Disease. 2021, Elsevier

94. Couri T, Paul S, Fung J**: Liver Transplantation for Autoimmune and Cholestatic Liver Diseases**; C.J. Desai (ed), Textbook of Liver Transplantation, 2022, Paras Medical Publishder, pg. 841-854

95. Badar W, Husnain A, Fung J, Ahmed O: **Role of Transarterial Radioembolization in Management of HCC**. Wang R (ed). Liver Cirrhosis - Advances in Diagnosis and Management, 2024, IntechOpen (Pub)

**FUNDING**

*(a) Past:*

1. U.S. Publich Health Service T32-GMO 7281. “Medical Scientist Training Grant.” Project period: 1975-1982.

2. Irvington House Institute for Medical Research 5-34355. PI: Fung. My role: PI. Title: “IHI Fellowship in Immunology: Lymphocyte-endothelial Cell Interactios in Transplantation.” Project Period: 7/88 – 6/90.

3. VA-1995. PI: Starzl. My role: Co-investigator. Title: “Studies of Hepatotrophic Growth Factors.” Project Period: 10/93-10/96.

4. Cell Therapeutics Inc. PI: Cicalese. My role: Consultant. Title: “Effect of Lisofylline on Bacterial Translocation and Mucoscal Barrier.” Project Period: 2/97-1/98.

5. NIH AI40329. PI: Fung. My role: PI. Title: “Combined Bone Marrow and Organ Transplantation in Humans.” Project Period: 4/96-3/01.

6. Schering-Plough. PI: Thomson. My role: Consultant. Title: “Evaluation of Interleuking 10 for Therapy of Allograft Rejection.” Total direct costs: . Annual salary recovery or effort:. Project Period: 4/95-4/99.

7. NIH DK29961. PI: Starzl. My role: Co-investigator. Title: “Effects of Orthotopic Liver Transplantation.” Project Period: 4/96-3/01.

8. NIH AA06601. PI: Tarter. My role: Consultant. Title: “Alcoholic Liver Pathology: Hepatic Cerebral Interaction.” Project Period: 4/93-3/98.

9. McCune Foundation. PI: Fung/Starzl. My role: Co-PI. Title: “Xenotransplantation Reseach.” Project Period: 3/98-2/01.

10. Wyeth-Ayerst Research. PI: Fung. My role: PI. Title: “Randomized Open Label, Two Part Study of Tacrolimus vs. Cyclosporine and Sirolimus Followed by Continuous Cyclosporine or Cyclosporine Withdrawal in Liver Transplant Recipients (0468EI-211-US).” Project Period: 8/98-7/00.

11. Cancer Treatment Research FDN. PI: Rao. My role: Co-investigator. Title: “Autologous LAK Cell Immunotherapy for PTLD.” Project Period: 12/96-11/01.

12. NIH AI41011. PI: Thomson. My role: Consultant. Title: “Gene Engineering of Dendritic Cells and Transplantation.” Project Period: 5/97-4/02.

13. NIH DK/AI54232. PI: Murase. My role: Consultant. Title: “Modulation of Chimerism for Intestinal Transplantation.” Project Period: 4/99-3/04.

14. NIH DK50680. PI: Abu-Elmagd. My role: Co-investigator. Title: “Multicenter Randomized Trial of DSRS versus TIPS.” Project Period: 3/98-8/02.

15. NIH HS09694-03. PI: Roberts. My role: Co-investigator. Title: “The Optimal Timing of Liver Transplantation.” Project Period: 9/97-8/01.

16. Wyeth-Ayerst. PI: Fung. My role: PI. Title: “An Open-Label Extension Study of the Safety of Long-Term Administration of Sirolimus (RapamuneTM) in Solid Organ Transplant Recipients (0468E1-306-US) (PCRN# 1999-0039): *Phase II*.” Project Period: 03/00-02/02.

17. JDFI. PI: Fung. My role: Co-PI. Title: “Type I Diabetes: Islet Transplantation Tolerance.” Project Period: 10/99-9/04.

18. Aventis Behring. PI: Fung. My role: PI. Title: “A Phase III, Controlled, Multi-Center, Randomized, Parallel-Group, Single-Blind Study to Compare the Safety and Hemostatic Efficacy of the Fibrin Sealant, Beriplast P, with Standard Care of Thrombin-Smoked Gelfoam in the Treatment of Bleeding from the Hepatic Fossa in Subjects.” Project Period: 12/00-11/03.

19. Wyeth-Ayerst. PI: Fung. My role: PI. Title: “A Phase II, Open-Label, Randmozed Study of Conventional Dose Tacrolimus Plus Corticosteroids Versus Reduced Dose Tacrolimus Plus Sirolimus and Corticosteroids in Recipiends of Orthotopic Liver Allografts.” Project Period: 6/00-5/02.

20. NIH AI-95830. PI: Thomson. My role: Consultant. Title: “In Vitro Correlates of Transplant Tolerance in Patients Off Immunosuppression.” Project Period: 9/00-8/03.

21. Fujisawa. PI: Fung. My role: PI. Title: “A Randomized, Comparitive Trial of Prograf (Tacrolimus) in Combination with Sirolimus or Mycophenolate Mofetil after Liver Transplantation.” Project Period: 1/01-12/03.

22. NIH AI40166-06. PI: Matas. My role: Co-investigator. Title: “Multi-Site HIV-Positive Kidney Transplant Study.” Project Period: 7/01-6/02.

23. NIH/ITN ITN024ST. PI: Fung. My role: CCF PI. Title: “Phase II Multicenter trial to assess the safety and efficacy of Campath-1H and tacrolimus followed by immunosuppression withdrawal in liver transplant.” Project Period: 11/05-12/10.

24. NIH/ITN ITN030ST. PI: Fung. My role: CCF PI. Title: “Phase II trial to assess the safety of immunosuppression withdrawal in liver transplant recipients with hepatitis C”. Project Period: 8/06-9/12.

26. Novartis CRAD001 H2304. PI: Fung. My role: Study PI. Title: “A 24 month, multi-center, open-label, randomized, controlled study to evaluate the efficacy and safety of concentration-controlled everolimus to eliminate or to reduce tacrolimus in de novo liver transplant recipients.” Project Period: 1/07-12/11.

27. Genzyme. PI:. My role: Co-investigator. Title: “A randomized control clinical trial of low-dose Thymoglobulin and extended delay of calcineurin inhibitor therapy for renal protection after liver transplantation.” Project Period: 1/09-12/11.

28. Mass Biologics. PI:. My role: Co-investigator. Title: “A Phase II randomized, double-blind, placebo controlled study of the clinical effectiveness of a human monoclonal antibody against hepatitis C virus E2 glycoprotein (MBL-HCV1) in hepatitis C infected patients undergoing liver transplantation.” Project Period: 4/10-7/11.

29. NIH UO1A152748. PI: Fung. My role: Site PI. Title: “Solid Organ Transplant in HIV: Multi-Site Study.” Project Period: 10/03-9/15.

30. Centocor CO168X98. PI: Starzl. My role: Co-PI. Title: “Infliximab (Remicade®) as an Adjunct to Pegylated-Interferon α2b and Ribavirin in the Treatment of Hepatitis C Virus Infection.” Project Period: 11/06-11/11.

31. HRSA R38OT15491 PI: Fung. My role: Co-PI. Title: “Clinical Interventions to Increase Organ Procurement.” Project Period: 9/09-8/13.

32. Novartis H2304: Study PI: Fung. My role: Overall PI. Title: “A 24 month, multi-center, open-label, randomized, controlled study to evaluate the efficacy and safety of concentration-controlled everolimus to eliminate or to reduce tacrolimus compared to tacrolimus in de novo liver transplant recipients.” Project Period: 08/06 – 09/13

33. NIH R01DK084192. PI: Fung. My role: Consultant. Title: “Towards Induction of Cell Transplant Tolerance.” Project Period: 4/10-3/15.

34. NIH RC3DK088631. PI: Fung. My role: Site PI. Title: “A Solution to the Kidney Shortage: Exsanguineous Metabolic Support.” Project Period: 7/10-6/13.

35. NIH 14-200. PI: Fung. My role: Site-PI. Title: "Medical Records: Hemophilia Liver Transplant Observational Study (HOTS)". Project period: 01/14-12/16

36. Arnold Foundation.PI: Schold. My role: Co-I. Title” “Supporting Innovation, Access to Care and Donor Utilization in Transplantation in the Context of Increased Quality Oversight”. Project period: 07/16-06/17.

37. Vertex VX20-880: PI: Fung. My role: Site-PI. Title: “A Safety, Tolerability, and Efficacy Study of VX-880 in Participants With Type 1 Diabetes”. Project period: 7/21 – 6/26.

38. Juvenile Diabetes Research Foundation: PI: Fung. My role: Site-PI. Title: “A pilot study assessing the safety of using a monoclonal antibody against CD40 ligand to achieve a calcineurin inhibitor-free immunosuppression regimen in patients with type 1 diabetes mellitus (T1D) and problematic hypoglycemia undergoing islet cell transplantation” – Project period: 01/24 – 12/27.

39. Vertex VX22-264-101: PI: Fung. My role: Site-PI. Title: “A Phase 1/2 Study to Evaluate the Safety, Tolerability, and Efficacy of VX-264 in Subjects With Type 1”. Project period: 9/22 – 8/27.

**HONORS, PRIZES, AND AWARDS**

1985 Recipient of Young Investigator Bursary, Sandoz Pharmaceuticals

1985-1986 American Heart Association Western Pennsylvania Affiliate Research Fellowship

1986-1986 Recipient of Competitive Medical Research Fund, Mellon Foundation

1988-1990 Irvington Institute for Medical Research Fellow in Immunology

1988 Upjohn Award for Outstanding Research as Resident in Surgery

1990 Outstanding Scientific Paper Award from The Transplantation Society - XIII International Congress

1992- Continuous listing in *The Best Doctors* *in America*

2000- Continuous listing in *America’s Top Doctors*

1993 UNOS Scientific Advisory Committee Outstanding Service Award

1995 National Kidney Foundation Western Pennsylvania Annual Gift of Life Award

1996 Vectors Pittsburgh Man of the Year Honor

1996 Albert Humanitarian Award

1997 American Liver Foundationa Special Award for Leadership In Liver Transplantation

2001 Honorary Professor, Peking University

2002 AST/Novartis Clinical Science Award

2003 Ronald W. Fish Humanitarian of the Year Award

2004 Hopeman Lecturer – Grove City College

2005 John J. Fung Endowed Assistant Professorship in Transplant Surgery at the University of Pittsburgh

2007 AASLD Achievement in Liver Transplantation Award

2007 Listing in the Institute for Scientific Information – Highly Cited Rating

2008 Kate and Harvey Cushing Lecturer – North Shore Long Island Jewish Hospital

2008 ASTS Francis Moore Excellence in Mentorship Award

2008 AASLD Thomas Starzl State-of-the-Art Liver Transplant Lecturer

2009 ILTS Distinguished Service Award

2009 Chinese American Medical Society Scientific Achievement Award

2010 TTS-Roche Award for Worldwide Impact in Transplantation

2013 Hector Orozco Lecturer – International Hepatopancreatobiliary Surgery

2013 Robert Hermann Keynote Lecturer – Cleveland Clinic

2014 Joseph B. Whitehead Lecturer - Emory University

2014 James Ted Engle Pediatric Lecturer – Cleveland Clinic

2015 Thomas Starzl Prize in Surgery and Immunology - University of Pittsburgh

2016 Samuel Jones Gift of Breath Award - Transplant Recipient International Organization Cleveland Chapter

2016 William Harridge Endowed Memorial Lecturer – Midwest Surgical Association

2016 LifeBanc Legacy of Life Healthcare Award

2017 Lung T. Yam, MD Endowed Memorial Lecture – University of Louisville

2017 The Fifth Annual Fenton Schaffner Lectureship, Mt. Sinai Medical Center, NY

2018 Isadore Ravdin Surgical Basic Science Lecture – American College of Surgeon

2019 Heekin Family Endowed Lectureship in Liver Transplantation – University of Cincinnati

2019 Kui and Wai Fong Lectureship – Society of Asian American Surgeons, Boston, MA

2022 University of Chicago Distinguished Alumni Award

2023 Jeffery Markley Endowed Lectureship in Hepatobiliary and Transplant Surgery – University of Southern California

2024 R. Neal Garrison MD Endowed Lecturer – University of Louisville

**INVITED SPEAKING**

1980 **“Ontogeny of Murine B Cell Responses to Phosphorylcholine”** Federation of American Societies for Experimental Biology, Anaheim, CA

1985 **"Characterization of Infiltrating Cardiac Allograft T Cell"** American Heart Association, Pennsylvania Affiliate, Pittsburgh, PA

1985 **"Use of OKT3 in Conjunction with Cyclosporine and Steroids in the Reversal of Acute Allograft Rejection"** University of Rochester, Surgical Grand Rounds, Rochester, NY

1985 **"Use of OKT3 in Conjunction with Cyclosporine and Steroids in the Reversal of Acute Renal and Hepatic Allograft Rejection"** Society of Clinical Surgery 142nd Meeting

1985 **"Clinical Use of OKT3 in the Reversal of Acute Renal and Hepatic Allograft Rejection"** American College of Surgeons, Southwestern Pennsylvania Chapter, 18th Annual Residents' Presentations, Pittsburgh, PA

1986 **"Dynamics of Infiltrating Allograft T Cells"** The Blood Center of Southeastern Wisconsin, Milwaukee, WI

1986 **"Liver Transplantation: A Model for Viral Hepatitis?"** Zhejiang Medical University, Hangzhou, Zhejiang, China

1986 **“Analysis of Infiltrating Allograft T Cells"** Beijing Union Medical College, Beijing, China

1986 **"Liver Transplantation - Advances in Immunosuppression"** Nanjing Medical College, Nanjing, Jiangsu, China

1986 **"Impact of OKT 3 in Liver Transplantation"** Shanghai First Medical College, Shanghai, China

1986 **"Monoclonal Antibodies - Clinical Applications"** The Genesee Hospital, Medical/Surgical Grand Rounds, Rochester, NY

1987 **"Transplantation"** University of Rochester, Surgery Basic Science Course, Rochester, NY

1987 **"Cellular Transplant Immunity to Liver Allografts"** University of Pittsburgh, Meeting on Histocompatibility Testing: Theoretical and Practical Aspects, Pittsburgh, PA

1987 **"The Role of HLA Antigens in Allograft Immunity"** University of Rochester, Immunology Research Seminar, Rochester, NY

1988 **"Surgical Immunology"** University of Rochester, Surgery Basic Science Course, Rochester, NY

1988 **"Liver Transplantation: The Rochester Plan"** University of Rochester, Surgical Grand Rounds, Rochester, NY

1989 **"Transplantation Immunology"** University of Pittsburgh, Anesthesiology Grand Rounds, Pittsburgh, PA

1989 **“Dynamics of Allograft Infiltrating T Cells”** University of Pittsburgh, Second International Conference on Graft Infiltrating Cells, Pittsburgh, PA

1989 **"Lymphocyte - Endothelial Cell Interactions in Transplantation",** Irvington Institute of Medical Research, New York, NY

1989 **"Prophylactic Use of OKT3 in Liver Transplantation"** American Association for the Study of Liver Disease, Annual Meeting, Chicago, IL

1989 **"Rescue of Failing Liver Allografts - A Clinical Study"** European Society of Organ Transplantation Program, Barcelona, Spain

1989 **"FK506 for Solid Organ Transplantation"** 4th Annual Conference on Clinical Immunology (Society of Clinical Immunology), Arlington, VA

1989 **"FK506 - Clinical Trials"** University of Pittsburgh, Nephrology Grand Rounds, Pittsburgh, PA

1989 **"FK506 - Clinical Trials,"** University of Pittsburgh, Pharmacy Grand Rounds, Pittsburgh, PA

1990 **"Use of a Human Monoclonal Anti-Hepatitis B Antibody"**King Fahad National Guard Hospital - First International Symposium on Immunization and Immunotherapy: Recent Advances, Riyadh, Saudi Arabia

1990 **"Hepatitis B in Liver Transplantation"** University of Pittsburgh, Anesthesiology Grand Rounds, Pittsburgh, PA

1990 **"Use of FK506"** Ohio Solid Organ Transplantation Consortium, Toledo, OH

1990 **"FK506 In Solid Organ Transplantation"** Washington University Transplant Seminar, St. Louis, MO

1990 **"Development of an Immunosuppressive Agent"** University of Rochester Annual MD/PhD Lecturer Program, Rochester, NY

1990 **"A Novel Immunosuppressive Agent"** The Western New York Chapter of the American Liver Foundation, Rochester, NY

1990 **"Are Technology and Ethics on a Collision Course?"** University of Minnesota, Medicine in the 21st Century, St. Paul, MN

1990 **"What Is New With FK506?"**First Symposium of the International Society for Perioperative Care in Liver Transplantation, University of Pittsburgh, Pittsburgh, PA

1990 **"Use of a New Immunosuppressive Agent in Liver Transplantation",** XXVII World Congress of the International College of Surgeons, Sao Paulo, Brazil

1990 **"Use of FK506 in Solid Organ Transplantation"** Roussel Scientific Institute, Symposium Pharmaco-clinique Roussel Uclaf No. 12, Contemporary Strategies For Clinical Immunomodulation, Paris, France

1990 **"FK506 - Where We Are and Where We Are Going"** Advanced Liver Transplant Workshop, Presbyterian University Hospital, Pittsburgh, PA

1990 **"Overview of Organ and Tissue Donation and Transplantation"** Pittsburgh Transplant Foundation, Brookville Hospital, Brookville, PA

1991 **"Experience With FK506 in Organ Transplantation"** Transplant Grand Rounds Washington Hospital Center, Washington, D.C.

1991 Reception in honor of transplantation as the U.S. Army Walter Reed Medical Center delegate at the White House, Washington, D.C.

1991 **"Pharmacological Immunosuppression: FK506"**  American Society of Transplant Surgeons Postgraduate Course on Advances in Immunosuppression, Chicago, IL

1991 **"Principles of Immunology"** University of Pittsburgh, Transplant Lecture Series, Pittsburgh, PA

1991 **"Use of FK506 in Primary Liver Transplantation and Rescue Therapy"** University of Pittsburgh, First International Congress on FK 506, Pittsburgh, PA

1991 **"Clinical Side Effects of FK506"** University of Pittsburgh, First International Congress on FK 506, Pittsburgh, PA

1991 United Network for Organ Sharing (UNOS) Scientific Advisory Committee Meeting, Chicago, IL

1991 **"Clinical Transplantation"** Osler Institute Surgery Review Course, Coraopolis, PA

1991 **"Transplant Immunology"** Osler Institute Surgery Review Course, Coraopolis, PA

1991 **"Introduction to Transplant Immunology"** University of Pittsburgh, Division of Gastroenterology and Hepatology, Liver Symposium - Japanese Clinical Exchange Program, Pittsburgh, PA

1991 **"Infectious Complications After Liver Transplantation"** DuPont Merck Pharmaceuticals, Inc., DuPont Transplantation Symposium, Wilmington, DE

1991 **"FK506"** DuPont Merck Pharmaceuticals, Inc., DuPont Transplantation Symposium, Wilmington, DE

1991 **"Introduction to Transplant Immunology"**University of Pittsburgh, Second Liver Symposium, Pittsburgh, PA

1991 **"Recent Advances in Immunosuppressive Therapy for Organ Transplantation"** The Second Congress of Asian Society of Transplantation, Taipei, Taiwan, Republic of China

1991 **"Transplant Immunology"** University of Pennsylvania Medical Center, Grand Rounds, Philadelphia, PA

1992 **"Recent Advances in Immunosuppression"** Shippensburg University, Symposium on Frontiers In Immunology, Shippensburg, PA

1992 **"Recent Advances in Immunosuppression"** University of Pittsburgh, Transplant Lecture Series, Pittsburgh, PA

1992 **"Clinical Organ Transplantation: Recent Developments in Future Trends"** The Transplantation Society of Australia and New Zealand Tenth Scientific Meeting, Sydney, Australia

1992 **"FK 506 In Liver Transplantation"** Congress of The International Liver Transplantation, Minneapolis, MN

1992 **"How Good Is The Best Immunosuppression Currently Known?"** Collaborative Transplant Study (CTS) 10th Anniversary Symposium, Heidelberg, Germany

1992 **"Update on FK 506"** University of Pittsburgh Medical Center, Cardiac Transplantation Research Conference, Pittsburgh, PA

1992 **"A Randomized Trial In Primary Liver Transplantation Under Immunosuppression With FK 506 or Cyclosporine"**  XIV International Congress of the Transplantation Society, Paris, France

1992 **"Clinical Management & Immunosuppression"** New York Academy of Medicine, Consortium for Clinical Xenotransplantation, New York City, NY

1992 **"Clinical Transplantation"** Osler Institute, General Surgery Review Course, Philadelphia, PA

1992 **"Transplant Immunology"** Osler Institute, General Surgery Review Course, Philadelphia, PA

1992 **"Xenograft Transplantation"** Orthobiotech Immunology Unit Meeting, Raritan, NJ

1992 **"Organ Donation"** University of Pittsburgh Medical Center, Management Council Meeting, Pittsburgh, PA

1992 **"FK506 As Immunosuppression For Solid Organ Transplantation",** Japan-U.S. Tele-Symposium of the 28th Annual Congress of Japan Society for Transplantation, New York, NY

1992 **"Organ Procurement"** University of Pittsburgh Medical Center, Department of Surgery Journal Club, Pittsburgh, PA

1992 **"Introduction to Xenografts in Transplantation"** University of Pittsburgh Medical Center, Fourth Liver Symposium - Japanese Clinical Exchange, Pittsburgh, PA

1992 **"Principles of Immunology"** University of Pittsburgh Medical Center, Transplant Lecture Series, Pittsburgh, PA

1992 **"Organ Transplantation: An Update"** 78th Annual Clinical Congress of the American College of Surgeons, New Orleans, LA

1992 **"Impact of Hepatitis on Liver Transplantation"** American Society for the Study of Liver Disease (AASLD) Annual Meeting, Chicago, IL

1992 **"Experimental Basis of Xenogeneic Transplantation"** Second Hammersmith Symposium on Liver Transplantation, London, Ontario, Canada

1992 **"Clinical Xenogeneic Transplantation"**Second Hammersmith Symposium on Liver Transplantation, London, Ontario, Canada

1992 Burroughs Wellcome Imuran Transplant Advisory Council Meeting, Raleigh, NC

1992 **"Liver Transplantation"** Food & Drug Administration, Washington, D.C.

1992 **"Xenotransplants: Future Perspectives Under New Immunosuppressive Protocols"**  III Congress of the Brazilian Organ Transplant Association, Sao Paulo, Brazil.

1992 **"Xenotransplantation"** Transplant Lecture, Hospital de Base de Brasilia, Brasilia, Brazil

1992 **"Introduction to Xenografts in Transplantation"**University of Pittsburgh, Japanese Clinical Exchange Program, Pittsburgh, PA

1992 **"Organ Donation"** Bedford Hospital, Grand Rounds, Bedford, PA

1992 **"Xenotransplantation"**Pittsburgh Transplantation Institute Seminar, Pittsburgh, PA

1993 **"Liver Transplantation, Pittsburgh Experience"** XVIIth International Meeting On Digestive Surgery, Porto, Portugal

1993 **"Liver Xenografts for FHF"** National Digestive Diseases Advisory Board (NDDAB) Workshop on Current Issues in the Management of Fulminant Hepatic Failure, Chantilly, VA

1993 Invited Faculty for mock oral exam (boards), Osler Institute Surgery Review Course, Lisle, IL

1993 **"Liver Xenotransplantation"** University of Toronto, Toronto, ON

1993 **"Liver Transplantation: University of Pittsburgh Experience"** University of Toronto, Toronto, ON

1993 **"Liver Transplantation"** University of Pennsylvania, Lecture for Pre-med Transplant Surgery, State College, PA

1993 **"Liver Transplantation for Hepatitis B and C"** XVI International Annual Ain Shams Medical Congress, Cairo, Egypt

1993 **"Xenografting"** XVI International Annual Ain Shams Medical Congress, Cairo, Egypt.

1993 **"Small Bowel Transplantation"** XVI International Annual Ain Shams Medical Congress, Cairo, Egypt

1993 **“Hepatitis C”** Critical Care Medicine Grand Rounds, University of Pittsburgh, Pittsburgh, PA

1993 **"Liver Transplant Update"** 3rd Annual Transplant Fellows Workshop, New Orleans, LA

1993 **"Utilization of Xenografts"** Translife Organ Procurement Seminar, The Art of Donation, Orlando, FL

1993 **"What's it Like to Be in the Field of Organ Transplantation?"** University of Pittsburgh, Pittsburgh, PA

1993 **"Clinical Experience at the University of Pittsburgh"** III International Course in Hepato-Biliary-Pancreatic Surgery and Organ Transplantation, Barcelona, Spain

1993 Syntex Laboratories, Solid Organ Transplant Advisory Board Meeting, Palo Alto, CA

1993 **"Xenotransplantation"** Transplant Grand Rounds, Mayo Clinic, Rochester, MN

1993 **"State of Art of Liver and Xenograft Transplant Surgery"** Kurume University Symposium, Updates in Surgical and Medical Management of Liver Disease by Transplantation, Kurume, Japan

1993 **"State of Art of Liver and Xenograft Transplant Surgery"** Keio University Symposium, Updates in Surgical and Medical Management of Liver Disease by Transplantation, Tokyo, Japan

1993 **"Medical Management of Liver Transplantation"** International Symposium on Viral Hepatitis and Liver Disease, 8th Triennial Congress, Tokyo, Japan

1993American Association for the Study of Liver Disease (AASLD) Ad Hoc Surgery Committee Meeting, Boston, MA

1993 **"Clinical Experiences with Xenografts"** American Society of Transplant Surgeons (ASTS) Annual Meeting, Houston, TX

1993 **"Surgical Overview"** Nurses for Organ Donation Seminar, Montefiore University Hospital, Pittsburgh, PA

1993 **"Ethical Implications of Xenotransplantation"**Lifelink Symposium, A New Wave In Transplantation, St. Petersburg Beach, FL

1993 **"Overviews of Hepatic Transplantation"**Ortho Biotech Immunology Business Unit Meeting, Charleston, SC

1993 **“Organ Donor Policy”**Department of Surgery Intern Orientation, University of Pittsburgh, Pittsburgh, PA

1993 **"Xenografting: Pittsburgh Experience, Current Status and Future Prospects,"** Association of Organ Procurement Organizations (AOPO) Annual Meeting, Winning Strategies in Organ Procurement, Coronado, CA

1993 **"Liver Transplantation - Part I"** University of Pittsburgh Transplant Lecture Series, Pittsburgh, PA

1993 Addressing an Awards Luncheon, TRIO (Transplant Recipients International Organization) Annual Meeting, "Meeting the Challenge", Washington, D.C.

1993 **“Xenotransplantation"** University of Maryland School of Medicine Post-graduate Course, Baltimore, MD

1993 **"Liver Transplant"** Osler Institute Surgery Review Course, Rochester, NY

1993 **“Human Body Course”** School of Medicine Fourth Year Medical Students, University of Pittsburgh, Pittsburgh, PA

1993 **"Pittsburgh Experience with FK506 in Liver Transplantation"** International Liver Transplantation Society, Toronto, Canada

1993 **"Organ Transplantation Research"** The Surgical Biology Club 41st Annual Meeting, San Francisco, CA

1993 **"Sub-Human Primates as Xenograft Donors"** Lilly Institute Conference "Xenografts", Paris, France

1993 **"Immunosuppression in Human Organ Transplantation"** 4th World Congress International Gastro-Surgical Club, Madrid, SpainSyntex Laboratories, Solid Organ Transplant Advisory Board Meeting, Palo Alto, CA

1993 **"Personalized-Immunosuppression in Difficult Liver Transplant Situations"** Istituto Veneto Di Scienze International Workshop "Advances and Perspectives in the Area of Immunosuppression", Venice, Italy

1993 **"Clinical Xenogenic Transplantation"** University of London Royal Postgraduate Medical School One Day Symposium "Liver Transplantation", Hammersmith Hospital, London, England

1994 **"Xenotransplantation"** Asian Pacific Association for the Study of the Liver IX Biennial Scientific Meeting, Singapore

1994 **“Immunology of Transplantation”** Department of Anesthesia Basic Science Course, University of Pittsburgh, Pittsburgh, PA

1994 **"FK506 In Solid Organ Transplantation"** The Third International Congress on Cyclosporine, Seville, Spain

1994 **“Liver Anatomy”** School of Medicine Fourth Year Medical Students, University of Pittsburgh, Pittsburgh, PA

1994 **"Viral Hepatitis: Clinical Perspectives"** University of Pittsburgh Medical Center, Pittsburgh, PA

1994 **"Prophylaxis of HBV Reinfection in Liver Allograft"** American Society of Transplant Surgeons, Chicago, IL

1994 **"Transplantation at UPMC"** Intern Orientation Week, University of Pittsburgh Medical Center, Pittsburgh, PA

1994 Syntex Laboratories, Solid Organ Transplant Advisory Board Meeting, Palo Alto, CA

1994 **“Moderator”** Regional Advisory Board in Transplantation, Milwaukee, WI

1994 **"Immunoprophylaxis of Hepatitis B Patients in Transplantations"** University of Pittsburgh Medical Center Transplant Lecture Series, Pittsburgh, PA

1994 **"Transplantation for Viral Hepatitis"** Duke University, Durham, NC

1994 “**Present Status of Liver Transplantation”** World Chinese Conference on Liver Disease, Beijing, China

1994 **"Impact of Viral Hepatitis in Transplantation" and "Transplantation for Malignancies"** Medical College of Wisconsin, Milwaukee, WI

1994 **"Concordant Xenografting in the Clinic"** Royal College of Surgeons, London, England

1994 **"Review of Clinical Data - FK506"** Ohio Solid Organ Transplantation Consortium, Columbus, OH

1994 **"Liver Transplantation Update"** Orthobiotech, Transplant Fellow Workshop, New Orleans, LA

1994 **"Liver Transplantation for Hepatitis B Surface Antigen Positive Chronic Liver Disease Under FK506"** AASLD, Chicago, IL

1994 **"Transplantation Profile"** UPMC, Board Committee on Strategic Planning, Pittsburgh, PA

1995 **"Introduction to Immunology & Immunology Transplantation"** UPMC, Pittsburgh, Critical Care Medicine Lecture, Pittsburgh, PA

1995 **“Ethics In Transplantation”** School of Medicine Second Year Medical Students, University of Pittsburgh, Pittsburgh, PA

1995 **"Health Care Reform in Transplantation"** University of Pittsburgh Medical Center, Pittsburgh, PA

1995 **"Experience of Liver Transplantation in U.S.A."** The University of Hong Kong, Department of Surgery Lecture, Hong Kong

1995 **"Liver Transplantation for Viral Hepatitis"** AASLD Single Topic Symposium, Reston, VA

1995 **"Immunosuppressive Therapy," "Chimerism After Liver Transplant"** University of Colorado, 1995 Winter Transplantation Retreat, Denver, CO

1995 **“Liver Anatomy”** School of Medicine Fourth Year Medical Students, University of Pittsburgh, Pittsburgh, PA

1995 **"Frontiers in Transplantation"** University of Pittsburgh, Hepatology and Liver Transplantation 1995, Pittsburgh, PA

1995 **"Liver Transplantation for Viral Hepatitis"** Southern Society of Clinical Surgeons, Pittsburgh, PA

1995 **"Organ Donation"** Organ Donation Awareness Week, UPMC, Pittsburgh, PA

1995 **"Pittsburgh Clinical Data"** Brook Lodge Symposium, Kalamazoo, MI

1995 **"Ask the Doctor"** National Kidney Foundation of Western Pennsylvania, Inc., 14th Annual Patient/Family Symposium, Greentree, PA

1995 ASTP/Ortho Biotech, Inc. Sixth Transplant Fellows Workshop, New Orleans, LA

1995 **"Overview of FK 506"** 1995 International Consensus Conference on Immunosuppressive Drugs, Chateau Lake Louise, Alberta, Canada

1995 **"Xenotransplantation"** Ortho Biotech Presentation, Raritan, NJ

1995 **"Clinical Baboon To Man Transplantation"** ASTP/ASTS Meeting 6th Annual Postgraduate Course, Chicago, IL

1995 **"Hyperlipidemia In Organ Transplantation Recipients"** Albert Einstein Medical Center, Medical Education Programs, Ltd, Philadelphia, PA

1995 **"Liver Transplantation For Viral Hepatitis"** University of Illinois Grand Rounds, Chicago, IL

1995 **"Innovations In Xenotransplantation" and "Transplantation For Hepatomas and Chronic Viral Hepatitis"** British Columbia Transplant Society, Liver Day '95, Vancouver, BC

1995 **“Controversies in Liver Transplantation"** National Taiwan University Hospital Centennial Commemoration, Taipei, Taiwan, China

1995 Canadian Regional Advisory Board Series, Montreal/London, Ontario, Canada

1995 **“FK506 In Clinical Transplantation”** University of Pittsburgh School of Pharmacy Seminar Series, Pittsburgh, PA,

1995 **"Hepatic Xenotransplantation"** Annual Clinical Congress of the American College of Surgeons, New Orleans, LA

1995 **“Liver Transplantation Update”** Seventh Annual Transplant Fellows Workshop, New Orleans, LA

1995 **“The Liver Transplant Evaluation: Linking Fresh Factors and Outcome”** AASLD, Post-Graduate Courses, 46th Annual Meeting, Chicago, IL

1995 **“Hepatic Tolerance”** The Irvington Institute for Immunological Research, New York, NY

1995 North American Transplant Advisory Board Meeting, San Diego, CA

1995 **“Immunomodulation and Xenotransplantation,” “The Failing Liver: Methods To Replace It”** Xth World Congress of the International Society for Artificial Organs, Taipei, Taiwan

1995 **“Clinical Xenotransplantation,” “Transplant Immunity In the 21st Century”,** University of Pittsburgh Division of Transplant Pathology, Graduate Course on Transplant Immunology, Pittsburgh, PA

1995 **“Transplantation for Amyloidosis”** University of Pittsburgh, Department of Transplantation Grand Rounds, Pittsburgh, PA

1996 **“Clinical Xenotransplantation”** Pittsburgh Cancer Institute Biologic Therapy Program, Biologic Therapy and Transplantation Research Colloquia, Pittsburgh, PA

1996 **“Xenotransplantation”** UNOS Region 2 Clinical Forum, Pittsburgh Airport Marriott Hotel, Pittsburgh, PA

1996 **“Chimerism In Solid Organ Transplantation”** 1996 Winter Transplantation Retreat, Denver, CO

1996 **“Liver Transplantation: Past, Present and Future”** Grand Rounds, Allegheny General Hospital, Pittsburgh, PA

1996 **“Frontiers in Transplantation”** Pittsburgh Transplantation Institute Conference, Pittsburgh, PA

1996 **“Small Bowel Transplantation: Clinical Experience”** Grand Rounds, Oregon Health Sciences University, Portland, OR

1996 **“Liver Transplantation Update”** Transplantation Fellows Workshop, New Orleans, LA

1996 **“Liver Transplantation for Viral Hepatitis”** 1996 Transplant Lecture Series, Pittsburgh Transplantation Institute, Pittsburgh, PA

1996 **“Transplantation at UPMC”** Thomas E. Starzl Transplantation Institute, lecture given to General Surgery Interns, Pittsburgh, PA

1996 **“Xenotransplantation”** Surgical Grand Rounds, University of Pennsylvania

1996 **“Transplantation Overview: Patient Care, Public Policy, and Research”** A Day of Health Care in Western Pennsylvania, University of Pittsburgh, Pittsburgh, PA

1996 **“Hepatitis and Tolerance”** Loma Linda University Los Angeles, CA

1996 **“Management of Portal Hypertension”** Guest Speaker, Saint Margaret Memorial Hospital, Pittsburgh, PA

1996 **“Small Bowel Transplantation”** University of Arizona, Tucson, AZ

1996 **“Overview of Organ Allocation Policies in the United States”** Guest Speaker, The National Managed Health Care Congress, New Orleans, LA

1996 **“Immune Tolerance In Humans”** Guest Speaker, The Fifth International Congress of the Middle East Society for Organ Transplantation, Limassol, Cyprus

1996 **“Transplantation”** Guest Speaker, University of Pittsburgh, Update in Internal Medicine: Practice in The New Health Care Environment, Pittsburgh, PA

1996 **“Current Issues In Science and Technology”** Point Park College, Pittsburgh, PA

1996 **“Tolerance: From Mouse To Man”** University of Pittsburgh, presentation to Intern Applicants at General Surgery Grand Rounds, Pittsburgh, PA

1997 **“Orthotopic Liver Transplantation”** Division Of Gastroenterology/Hepatology PMSII Digestion and Nutrition Course, University of Pittsburgh

1997 **“Orthotopic Liver Transplantation”** School of Medicine Second Year Medical Students Gastroenterology Course, University of Pittsburgh

1997 **“UNOS Allocation Policies In A Changing Healthcare Environment: What Impact Will These Policies Have On Organ Transplantation”** NMHCC Executive Briefing Series, New Strategies for Cost Effective Use of Organ Transplantation, Washington, DC

1997 1997 AHPBA Congress, Miami, FL

1997 **“What Minimal Criteria Means To Me”** American Society of Transplant Physicians, Bethesda, MD

1997 **“Xenotransplantation,” “New Organ Liver Allocation Policy”** Community Oversight Organ Transplantation Meeting, UPMC, Pittsburgh, PA

1997 **“Liver Allocation In The United States”** Health Care Industry Study Group, Industrial College of Armed Forces, Pittsburgh, PA

1997 **“Clinical Aspects of Chronic Rejection, Including Overlap With HCV Infection”** Fourth Banff Conference On Allograft Pathology, Alberta, Canada

1997 **“Liver Transplantation As A Treatment for Viral Liver Disease”** 1st National Congress of the Portuguese Association for the Study of the Liver, Oporto, Portugal

1997 **“Organ Transplantation In The Era of Managed Health Care: Understanding The Role of Organ Allocation”** Organ Transplantation Conference, Cambridge Health Resources, Newton Upper Falls, MA

1997 **“Liver Tolerance Chimerism”** Tenth Annual Transplant Fellows Workshop, New Orleans, LA

1997 **“Tacrolimus Immunosuppression,” “The Technique of Liver Transplantation,” “Preoperative Evaluation of the Liver Transplant Candidate,” “The Future of Organ Transplantation”** Surgical Medical Regional Congress, Lima, Peru

1997 **“Chairperson: Develop Guidelines For The Clinical Management and Treatment of Established PTLD”** International Consensus Development Meeting On EBV-Induced Post Transplant Lymphoproliferative Disorders (PTLD), Chicago, IL

1997 **“Issues in Organ Allocation,” “Immunosuppression: Novel Agents”** Thomas E. Starzl Transplantation Institute Conference, Pittsburgh, PA

1997 **“Isolated Small Bowel, Small Bowel/Liver, and Multivisceral Transplants”** Integrated Communications Corp., Transplantation Summit, New York, NY

1997 **“Small Bowel, Small Bowel/Liver and Multivisceral Transplants”** Medical Affairs Committee, Blue Cross and Blue Shield, Camp Hill, PA

1997 **“Comments To The American Liver Foundation”** American Liver Foundation First Annual Awards Dinner, Washington, DC

1997 **“Strategies For Expanded Donor Utilization”** Fourth International Society for Organ Sharing, Washington, DC

1997 “**Use of Tacrolimus and Cellcept In Liver and Kidney Transplantation”** Fairfax Transplant Center, Falls Church, VA

1997 **“Is There Any Recent Improvement In Outcome of Liver Transplantation for Patients With Chronic HBV Infection?”** **“Baboon-to-Human Liver Transplantation,” “FK506 In Solid Organ Transplantation: With An Emphasis On Kidney Transplantation”** First International Symposium On Hepatology, Beijing, China

1997 **“The Politics of Liver Transplantation”** Grand Rounds, Mercy Hospital, Pittsburgh, PA

1997 **“Results of Long-Term Use of Tacrolimus In Liver Transplant Recipients,” “Hepatic Transplantation In Composite Visceral Grafts”** International Liver Transplantation Society, Seattle, WA

1997 **“Course Director: Liver Transplantation Comes of Age: Indications, Timing and Outcomes”** AASLD, Chicago, IL

1997 **“Immediate Post Liver Transplant Complications”,** **“Assessment and Management of Prospective Cadaver Donors”,** **“Update On Small Bowel Transplantation”, “Long Term Experience With FK506”** 5th Congress Of The Asian Society Of Transplantation, Manila, Philippines

1997 **Co-Moderator, “Practical Approaches To Using Prograf® In Transplantation”** Symposium Practical Approaches To Using Prograf® In Transplantation, Orlando, FL

1998 **“Chimerism In Liver Transplantation”** University of Iowa

1998 **“Surgical Anatomy of the Liver”** Surgical Integrated Life Sciences Course, University of Pittsburgh, Pittsburgh, PA,

1998 **“Transplantation”** Immunology Course for First Year Medical Student Immunology Class, Pittsburgh, PA, Facilitator

1998 **“The Acutely Failing Liver”** Bioengineering Seminar, University of Pittsburgh, Pittsburgh, PA

1998 **“Hepatitis C Recurrence After Liver Transplantation”** 3rd International Conference On New Trends In Clinical and Experimental Immunosuppression, Geneva, Switzerland

1998 **“Xenotransplantation,” “Overview of Liver Transplantation”** The First GCC Organ Transplantation Congress, Abu Dhabi, United Arab Emirates

1998 **“Tolerance Following Liver Transplantation”** Transplantation and Dialysis Conference, Massachusetts General Hospital, MA

1998 **“The Status of Liver Transplantation In The United States: Emphasis On The VA Experience”** Industrial College of the Armed Forces UPMC Health System Visit, University of Pittsburgh, Pittsburgh, PA

1998 **“Small Bowel Transplantation,” “Organ Allocation - Large Center Perspective”** Controversies In Transplantation, University of Colorado School of Medicine, Breckenridge, CO

1998 “**Liver Induced Tolerance”** Recanati/Miller Institute For Transplantation Research Conference, Mount Sinai Medical Center, NY

1998 **“Liver and Renal Transplantation”** Fujisawa USA, Inc, Grand Rounds, Chicago, IL

1998 “**New Approaches In Immunosuppression, ” “Clinical Application of Xenotransplantation”** The 2nd International Congress On Transplantation for Developing Countries, Taipei, Taiwan

1998 **“Practical Approaches To Using Prograf In Transplantation”** Joint Scientific Meeting of the Hong Kong Society of Transplantation and Hong Kong Society of Nephrology

1998 **“Clinical Issues In Liver Transplantation,” “Pulmonary Hypertension”** ASTP/ASTS Annual Meeting, Chicago, IL

1998 **“Ethics In Liver transplantation”** Digestive Diseases Week, New Orleans, LA

1998 **“Liver Induced Tolerance”** MD/PhD Program, University of Pittsburgh, Pittsburgh, PA

1998 **“Multivisceral Transplantation”** Transplantation Society Meeting, Montreal, Canada

1998 **“Recent Advances In Transplantation”** Grand Rounds At The Guthrie Clinic, Sayre, PA

1998 **“Selection of Liver Transplant Candidates: Update of UNOS Allocation Policies”** Thomas E. Starzl Transplantation Institute Fourth Annual Conference, Pittsburgh, PA

1998 Co-chair, Session on **“Clinical Studies/Organ Transplantation”** Symposium on Dendritic Cells In Fundamental and Clinical Immunology, Pittsburgh, PA

1998 **“Transplant Politics”** Graduate Class In Science and Technical Writing, Point Park College, Pittsburgh, PA

1998 **“Current Immunosuppressive Regimens For Liver Transplantation At The University of Pittsburgh”** Grand Rounds, University of Nebraska, Omaha, Nebraska

1998 **“Malignancies After Liver Transplantation,” “Advances In Immunosuppression For Abdominal Organ Transplantation”** Visits to Shanghai Medical University, Zhong Shan Hospital and Hua Shan Hospital, Beijing and Shanghai, China

1998 **“The UNOS Allocation Process: I Like It versus I Don’t Like It – Anthony D’Alessandro vs. John J. Fung”** International Association For the Study of the Liver Biennial Scientific Meeting, Chicago, IL

1998 “**Update On Xenotransplantation,” “Small Bowel transplantation”** Grand Rounds, University of California, San Diego, San Diego, California

1998 **“Bone Marrow Augmentation, Chimerism, and Donor-Specific Tolerance: Augmentation of Donor Cell Chimerism by Simultaneous Use of FLT3L and Co-stimulatory Blockade”** Thomas E. Starzl Transplantation Institute, University of Pittsburgh, Pittsburgh, Pennsylvania

1999 **“The Acutely Failing Liver,” “Advances In Clinical Immunosuppression For Solid Organ Transplantation”** First Beijing International Symposium On Transplantation, Beijing, China

1999 **“Exclusion Criteria For Liver Transplantation”** Controversies In Transplantation Retreat, Breckenridge, CO

1999 **“Split Liver Transplantation,” “Multivisceral Transplantation,” “Pros and Cons About The Use of Tacrolimus for Liver Transplantation”** VI Congress of the Brazilian Association of Organ Transplantation, San Paolo, Brazil

1999 **“Prisoners and Transplant: In Whose Debt?”** 8th Annual Current Controversies In Medical Ethics, Pittsburgh, PA

1999 **“Organ Transplantation: Animal Models – The Past and The Future”** History and Philosophy of Science, History of Medicine Class, University of Pittsburgh, Pittsburgh, PA, Lecture

1999 **“1000 Consecutive Primary Liver Transplants Under Tacrolimus: Story of Success and Failure With Mean Follow-up 7 Years”** American Surgical Association, San Diego, CA

1999 **“Exclusion Criteria for Liver Patients,” “Update of Rapamycin Trials”** American Society of Transplant Surgeons, Chicago, IL

1999 **“Animals In Transplantation”** Americans for Medical Progress Breakfast, Washington, DC

1999 **“Status Of Organ Allocation – A Recommendation For Change,” “HIV+ Candidates”** International Liver Transplantation Society Symposium, Pittsburgh, PA

1999 **“Understanding and Preventing Late Graft Loss,” “Non Heart Beating Donors”** 6th Congress of the Asian Society of Transplantation, Suntec City, Singapore

1999 **“Medical Need for Xenotransplantation”** 39th InterScience Conference On Antimicrobial Agents and Chemotherapy, San Francisco, CA

1999 **“Impact Of Newer Immunosuppression and Steps Toward Tolerance”** Fast Track To a Cure: Putting An End To Diabetes, Pittsburgh, PA

1999 **“Liver Transplantation For Hepatitis Band C”** 3rd Hirosaki International Forum of Medical Science Meeting, Hirosaki, Japan

1999 **“HIV+ Candidates for Transplantation”** Israel Penn Transplant Fellows Symposium, Scottsdale, AZ

1999 **“Cardiopulmonary Disorders,” “Transplant/Surgery Plenary I”** American Association for The Study of Liver Diseases/ International Liver Transplant Society Transplant Course, Dallas, Texas, Co-Chairperson

1999 **“Update On Transplantation For Viral Hepatitis”, “Hepatic Tolerance”** The University of Hong Kong Liver Diseases Annual Scientific Meeting 1999, Hong Kong

1999 **“Liver Transplantation”** Transplant Fellows Research Symposium, Orlando, FL

2000 **“T.E. Starzl Oration On T-Cell Anergy and Tolerance”** 3rd International Congress On Transplantation and Kidney Diseases, Ahmadabad, India

2000 **“State of The Art of Xenotransplantation”** Southeastern Surgical Congress, Orlando, FL

2000 **“Infection and Immunity”** Society of Critical Care Medicine, Orlando, FL

2000 **“Xenotransplantation”** Congress of the Arab Society of Nephrology and Renal Transplantation, Marrakech, Morocco

2000 **“Treatment of VRE In Liver Transplant Recipients”** Medical College of Virginia, Richmond, VA

2000 **“The Hypocrisy of Organ Allocation”** Controversies In Transplantation, Breckenridge, CO

2000 **“Multivisceral Transplantation”** Highmark Blue Cross/Blue Shield, Camp Hill, PA

2000 **“Xenotransplantation”** Grand Rounds, New York Presbyterian Hospital, New York, NY

2000 **“Survival Patterns Post-Liver Transplantation: Effect of Age, Gender, and Era In Consecutive 4,000 Patients With 2-19 Years Follow-Up From A Single Center”** American Surgical Association, Philadelphia, PA

2000 **“Support of The Failing Liver”** Grand Rounds, University of Rochester, Rochester, NY

2000 **“Intestinal Transplantation”** Grand Rounds, Beth Israel Deaconess Medical Center, Boston, MA

2000 **“Transplantation of Marginal Organs – Outcome Analysis: Livers”** American Society of Transplant Surgeons, Transplant 2000, Chicago, IL

2000 **“The Acutely Failing Liver,” “Long-Term Impact of Tacrolimus In Kidney Transplantation”** Grand Rounds, Medical College of Georgia, Augusta, GA

2000 **“Recurrence of PBC After Transplantation”** PBC Conference 2000, Las Vegas, NV

2000 **“Current Status: A Global View”** IASL/APASL/JSH Joint Meeting, Fukuoka, Japan

2000 **“Tacrolimus In Kidney Transplantation”** Prograf Launching Symposium, Saudi Arabia

2000 **“Causes of Long-Term Graft Failure”** Emerging Issues In Solid Organ Transplantation, Fellows Conference 2000, Vail, CO

2000 **“Support of the Failing Liver”** Living Donor and Split Liver Transplantation Symposium and Transplantation Society Meeting , Rome, Italy

2000 **“Future Developments In Liver Transplantation”** Liver Diseases In The New Millennium Symposium, Shanghai, China

2000 **“Immunosuppressive Management Of Liver Transplant Recipients”** 1st Workshop For Clinical Liver Transplantation In China, Shanghai, China

2000 **“Opportunities for Expanding Liver Donations: Expansion of the Donor Pool and Split Liver Transplantation”** The Dannemiller Memorial Educational Foundation, San Antonio, TX

2000 **“Donor Bone Marrow Augmentation In Clinical Organ Transplantation”** Austrotransplant 2000 Meeting, Austria

2000 **“Current Experience With Tacrolimus (Prograf) In Kidney and Liver Transplantation,” “Current Status of Xenotransplantation”** IVth National Congress of Transplantation, Acapulco, Mexico

2000 **Moderator, “Current Experience In Living Donor Liver Transplantation”** Living Donor Liver Transplantation Workshop, Bethesda, MD

2001 **“Transplantation In HIV+ Recipients: How Is It Going So Far”?** Current Trends In Transplantation, Salamanca, Spain

2001 **“Optimal Cost Effective Immunosuppressive Protocol”** Controversies In Transplantation, Breckenridge, CO

2001 **“Liver Transplantation For Hepatitis B and C,” “Current Status of Intestinal Transplantation at the University of Pittsburgh”** The 9th Keio University International Symposium for Life Science and Medicine, Tokyo, Japan

2001 Keynote Speaker **“Of Mice and Men ⎯ A Tale of Tolerance”** Festschrift Honoring Dr. Thomas E. Starzl, Pittsburgh, PA

2001 **“The Acutely Failing Liver and Indications For Hepatic Transplantation”** Grand Rounds, St. Francis Medical Center, Pittsburgh, PA

2001 Chair session **“Liver Transplantation: Allocation”** Transplant 2001, Chicago, IL

2001 **“An Update On Intestinal Transplantation”** Grand Rounds, University of Chicago, Chicago, IL

2001 **“Organ/Tissue and Cornea Donation and Transplantation”** University of Pittsburgh Medical Center Orientation Program, Pittsburgh, PA

2001 **“Immunologic Considerations In Small Bowel and Liver Transplantation”** Fellows Conference 2001: Emerging Issues In Solid Organ Transplantation, Park City, UT

2001 **“Rapamycin In Abdominal Organ Transplantation”** Solid Organ Transplant Teaching Conference, Rochester, NY

2001 **“Tolerance Induction In Liver Transplantation: The Future of Solid Organ Transplantation?”** International Congress Of The Austrian Society of Surgeons, Graz, Austria

2001 **“The Status of Liver Transplantation,” “The Status of Intestinal and Multi-organ Transplantation”** XVI Latin American and Caribbean Transplant Congress, Dominican Republic

2001 **“Immunosuppression In Abdominal Organ Transplantation”** 2nd Beijing International Symposium On Organ Transplantation, Beijing China

2001 **“Liver Transplantation In HIV Patients”** New Horizons In Hepatology 2001, La Jola, CA

2001 **“Rapamycin In Abdominal Organ Transplantation”** Grand Rounds, Fairfax Hospital, Fairfax, VA

2001 **“Liver Transplantation In The HIV Positive Candidate”** HIV/HCV Coinfection: Clinical and Research Challenges, Baltimore, MD

2001 **“Living-Related Liver Transplantation or FK506,” “Optimum Use of Immunosuppression Combinations,” “Current Trends and Future Developments In Organ Transplantation,” “Liver Transplantation In The New Millennium”** Nanjing Hospital, Nanjing, China

2001 **“Economics Of Immunosuppressive Therapy”** Transplant Coordinators Symposium, San Francisco, CA

2001 **“Post-Transplant Lymphoproliferative Disease and De Novo Malignancies”** American Society for the Study of Liver Disease Annual Meeting, Dallas TX

2001 **“Transplantation Tolerance – Lessons Learned From Liver Transplantation,” “Compromised Donors and Acceptance Criteria For Liver, Kidney or Pancreas”** 2nd European Transplant Fellow Workshop, Zurich, Switzerland

2002 **“Clinical Experience With HIV and Transplantation”** AST Sixth Annual Winter Symposium, Olympic Valley, CA

2002 “**Cancers After Liver Transplantation”** Grand Rounds, University of Rochester, Rochester, NY

2002 Moderator: “**Closing the Gap Between the Demand and Supply of Organs,” “Tolerance In The Clinical Practice,”** Moderator: **“Living Donor Liver Transplant”** Controversies In Transplantation, Breckenridge, CO

2002 **“Transplantation As A Subversion of the Immune System”** University of Pittsburgh School of Medicine, BioMedicine Course, Pittsburgh, PA

2002 **“Cancer After Liver Transplantation”** Fellows Conference 2002, “Advances In Organ Transplantation”, Irving, TX

2002 **“Incidence of Post-Transplant Lymphoproliferative Disorder (PTLD) Among Liver Transplant Recipients In Adults and Children Under Cyclosporine and Tacrolimus Therapy: 20 Years Experience From A Single Center”** American Surgical Association, 122nd Annual Meeting, Hot Springs, VA

2002 “**HTK Presentation,” “Solid Organ Transplantation In The HIV Positive Recipient”** American Transplant Congress, Washington, DC

2002 **“Histocompatibility Is Essential For The Success of Marginal/Expanded Liver Transplantation”** International Liver Transplant Society Meeting, Chicago, IL

2002 **“Understanding Liver Regeneration: The Impact In Living Donor Liver Transplantation,” “Cancers After Liver Transplantation”** Abdominal Organ Transplantation From Living Donors: State of the Art, Gubbio, Italy

2002 **“Current Experience With Custodial HTK At The University of Pittsburgh: Ongoing Research”** Organ Preservation Using Custodiol HTK Solution Meeting, Philadelphia, PA

2002 **“The Pitfall of Living-Related Liver Transplantation,” “The Progress In Immunosuppression For Liver Transplantation”** Ruijin Hospital, Shanghai, People’s Republic of China

2002 **“Update On Immunosuppressive Considerations For Liver Transplantation”** Military Hospital, Tianjin, People’s Republic of China

2002 **“HTK Presentation,” “Role of immunologic Transplantation Outcome,” “Immunosuppression Withdrawal Post-liver Transplantation”** Transplantation Society, Miami, FL

2002 **“Overview of HAT”** Rapamune Thrombosis Advisory Board Meeting. Chicago, IL

2002 **“Transplantation In HIV Positive Patients”** Cleveland Clinic Foundation Grand Rounds, Cleveland, OH

2002 **“Overview of Custodial HTK”** Organ Preservation Using Custodiol HTK Solution, Scottsdale, AZ

2002 **“Overview of Custodial HTK”** Organ Preservation Using Custodiol HTK Solution, Swedish Hospital, Seattle, WA

2002 **“Overview of Custodial HTK”** University of Washington Medical Center, Seattle, WA

2002 **“A Global Overview of Liver Transplantation,” “Combined Kidney-Liver Transplantation,” “Work-up of Patients for Liver Transplantation,” “Special Surgical Complications After Liver Transplantation”** Transplantation 2002, Turkey

2002 **“Work Up of Liver Transplant Recipients,” “Special Surgical Complications After Liver Transplantation,” “Combined Kidney-Liver Transplantation”**VIII International Congress of the Middle East Society for Organ Transplantation, Muscat, Sultanate of Oman

2002 **“Immunosuppressive Therapy for Patients Transplanted for Hepatitis C: What is the Optimal Regimen for Prevention and Treatment of Rejection?”** 53rd Annual Meeting of the American Association for the Study of Liver Diseases, Boston, MA

2002 **“Extension of Liver Transplantation to HIV Positive Individuals”** Loyola University Grand Rounds, Chicago, IL

2002 “**Organ Preservation with Histidine Tryptophan Ketogluterate (HTK) Solution”** Mount Sinai Grand Rounds, New York, NY

2003 **“Optimal Immunosuppression In Liver Transplantation,” “Liver Transplantation-Induced Tolerance”** Grand Rounds, Memorial Hospital Sun-Yat-Sen University, Guangzhou, China

2003 **“Graft Tolerance Following Liver Transplantation”** Grand Rounds, Northwestern University, Chicago, IL

2003 “**Preservation Solutions For Liver Transplantation”** Controversies In Transplantation, Breckenridge, CO

2003 **“Future Developments in Liver Transplantation”** Annual Congress of the Japan Surgical Society, Sapporo, Japan

2003 **“Immunosuppression For Expanded Donors”** International Liver Transplantation Society, Barcelona, Spain

2003 “**Overview of Liver Transplantation”** Northeastern Pennsylvania Transplant Support Group, Inc., Stroudsburg, PA

2003 **“The Custodial Solution”** Intermountain Donor Services Program, Salt Lake City, UT

2003 **“Hepatocyte Transplantation,” “Advances In Immunosuppression for Liver Transplantation”** 8th Congress of the Asian Society of Transplantation, Malaysia

2003 **“The History and Evolution of Organ Transplantation”** University of Pittsburgh Dental School, Dental Management of the Organ Transplant Patient Course, Pittsburgh, PA

2003 Meet the Professor Luncheon**, “Immunosuppression In Living Donor Recipient”** American Association for the Study of Liver Disease, Boston, MA

2003 **“Transplant Surgery – Where We’re At and Where We’re Going”** Grand Round, Harrisburg Hospital, Harrisburg, PA

2003 **“Small Bowel Transplantation: Viability of the Project In Developing Countries,” “Hepatic Transplantation”** Congress of the Mexican Association of General Surgery

2003 **"Surgical Approaches to the Management of Budd-Chiari Syndrome"** American Society of Hematology, San Diego, CA

2003 **"Establishment of a Liver Transplant Center and Laboratory"** 4th International Liver Transplantation Workshop, Chengdu, China

2003 **"Practical Approaches to the Use of Tacrolimus in Kidney Transplantation"** 8th Congress of the Arab Society of Nephrology and Renal Transplantation, Sharm El Shiek, Egypt

2004 **"History of Organ Transplantation"** Lehigh Valley Hospital Grand Rounds. Allentown, PA

2004 **"Combined Liver and Kidney Transplantation"** Controversies in Transplantation, Breckenridge, CO

2004 **"Transplantation in HIV Positive Patients**" University of Iowa, Iowa City, IO

2004 **"Living Donor Liver Transplantation"** Geisinger Health System - Dansville, PA

2004 **"Immunosuppression Withdrawal in Liver Transplantation: Myth or Reality,"** University of Texas, Houston - Houston, TX

2004 **"Peri-operative Management of Liver Transplant Patient"** International Liver Transplantation Symposium – Shanghai, China

2004 **"Immunosuppression after Living Donor Liver Transplantation"** Living Donor Transplant Symposium - Taormina, Italy

2004 **"Selection of HIV+ Candidates for Liver Transplantation in the HAART Era"** American Association for the Study of Liver Diseases/International Liver Transplantation Society Liver Transplant Course - Boston, MA

2004 **"Immunosuppression in Liver Transplantation: Beyond Calcineurin Inhibitors"** American Association for the Study of Liver Disease Post-Graduate Course - Boston, MA

2004 **Hopeman Lecture -** **"Historical Perspectives in Organ Transplantation"** Grove City College - Grove City, PA

2004 **"Liver Transplantation in HIV+ Patients"** Baylor University Medical Center Transplant Grand Rounds - Dallas, TX

2004 **"Addressing the Organ Shortage"** Cleveland Clinic Transplant Grand Rounds -Cleveland, OH

2004 **"Perspectives in Immunosuppression for Liver Transplantation"** Cleveland Clinic Foundation - Cleveland, OH

2005 **“Overview of Transplant Services at the Cleveland Clinic**” Foreign Embassy Update - Washington DC

2005 “**Transplantation in the HIV+ Individual”** Mayo Clinic Transplantation Grand Rounds, Mayo Clinic, Scottsdale, AZ

2005 **“Liver Transplantation for HCC”** Emerging Insights in Transplantation, San Antonio, TX

2005 “**Personal Perspectives on the History of Liver Transplantation”** University of Vermont College of Medicine Grand Rounds, Burlington, VT

2005 **“Development of Immunosuppression in the Future**” The Koichi Tanaka Symposium on Organ Transplantation, San Francisco, CA

2005 **“Long Term Outcomes After Liver Transplantation”** Transplant Outcomes Conference, Tarrytown, NY

2005 “**Overview of Custodiol (HTK) Preservation Solution**” University of Massachusetts Grand Rounds, Worcester, MA

2005 **“Comparison of Custodial HTK to UW Solution - Update on recent studies and utilization in NHBD donors”** Odyssey/Custodiol HTK, Chicago, IL

2005 **“Expanded Criteria Donors”** Columbia University, New York, NY

2005 **“Historical Perspectives in Transplantation”** Delaware Valley Transplant Club, Philadelphia, PA

2005 **“The Future of Transplantation”** TRIO Greater Cleveland Chapter, Cleveland, OH

2005 **“Tolerance Induction Protocols**” Immunosuppression Summit, UCLA, Santa Monica, CA

2005 **“Current Issue in the Care of Liver Transplant Recipients**” and **“HIV in Transplantation”** Methodist Hospital Grand Rounds, Dallas, TX,

2005 “**Steroid-sparing Immunosuppressive Protocols and Their Impact on Infections”** Infectious Disease Society of America - 43rd Annual Meeting, San Francisco, CA

2005 **“Organ Preservation with an Emphasis on the Non-Heart Beating Donor”** Methodist Hospital, New York, NY

2005 **“Induction Strategies in Liver Transplant”** Transplant Summit 2005, San Francisco, CA

2005 **“Malignancies After Liver Transplantation”** Thomas Starzl Transplant Fellows Symposium, Scottsdale, AZ

2005 **“Cold Ischemic Time and Preservation Solutions”** ILTS Consensus Development Symposium on Extended Criteria Liver Donors, Philadelphia, PA

2005 **“Preservation Solutions”** New York University School of Medicine, New York, NY

2005 “**Renal Insufficiency in Liver Transplant Recipients”** Clinical Challenges in Liver Transplantation, Pittsburgh, PA,

2006 **“Expanded Criteria Donors”** Hershey Medical Center Grand Rounds,, Hershey, PA.

2006 **“Broad Sharing vs. Local Utilization, Debate”** American Society of Transplant Surgeons Winter Symposium, Scottsdale, AZ

2006 **“Innovations in Liver Transplantation”** Sun-N-CME, Hot Topics in Medicine & Surgery, Cleveland, OH

2006 **“Antibody Induction”** Controversies in Transplantation Conference, Breckenridge, CO

2006 **“Immunosuppression in Liver Transplantation”** Shanghai-Hong Kong International Congress 2006, Shanghai, China

2006 **“Transplantation in HIV Patients”** Varese Update on Surgical Infections Meeting, Varese, Italy

2006 **Rudolf Lecture in Transplantation – “Liver Transplantation for Hepatocellular Carcinoma”** University of Virginia, Charlottesville, VA

2006 **“Hepatitis B recurrence prophylaxis protocol post-liver transplant with HBIG”** NABI Biopharmaceuticals Meeting, Boca Raton, FL

2006 **“PNF Management and Timing For Transplantation”** World Transplant Congress, Boston, MA

2006 **”Transplantation in the Setting of Chronic HIV Coinfection”** Viral Hepatitis Summit, Cleveland, OH

2006 **“The HIV Positive Patient for Transplantation” and “Donor Factors and Outcomes Following Liver Transplantation: Judging the Quality of the Graft”** International Liver Transplantation Society, Chicago, IL

2006 **“Liver transplantation in HIV infected individuals”** Congress Studio: Organ Transplantation In Infected Patients Meeting, Varese, Italy

2006 **“Organ Allocation in the US: Past, Present and Future”** Baptist Medical Center, Oklahoma City, OK

2006 **“Organ Transplantation in the People’s Republic of China”** Economies of Asia and Global Wellness Symposium, Carnegie Mellon University, Pittsburgh, PA

2006 **“Organ Transplantation in the People’s Republic of China”** Cleveland Clinic Transplant Center Grand Rounds, Cleveland, OH

2006 “**Liver Transplantation for HCC”** Korean Surgical Society Meeting, Seoul, Korea

2007 "**Need Organs, Will Travel**" ASTS Winter Symposium – Marco Island, FL

2007 "**Treatment Options for Hepatocellular Caricoma**" University of Texas San Antonio Grand Rounds

2007 "**Controversies in Liver Transplantation for Hepatocelluar Carcinoma**" Second Pan Arab Liver Transplantation Congress - Riyadh Saudi Arabia

2007 "**Liver Based Tolerance - Clinical Findings and Laboratory Investigation**" University of Utah Surgery Grand Rounds

2007  **”Combined Liver and Kidney Transplantation**" China Organ Transplantation Forum - Beijing China

2007 "**Old Problems in the New Era of Transplantation - The Impact of Post-transplant Infections**" American Transplant Congress

2007 "**Living Donor Liver Transplantation: What are the issues and what will the future hold**" American Transplant Congress

2007 "**Advances in Immunosuppressive Strategies in Liver Transplantation**" Asia Pacific Summit - Addressing the Challenges in Solid Organ Transplantation- Sapporo, Japan

2007 ”**What's Hot in Liver Transplantation**" 19th Congress of the Spanish Society of Liver Transplantation - Valladolid, Spain

2007 "**Safely Expanding the Donor Pool"** University of Rochester - Seymour Schwartz Lecture in Surgery, Rochester, NY

2007 "**Hepatitis B Prevention following Liver Transplant: A New Era in Viral Prophylaxis**" American Association for the Study of Liver Diseases

2008 "**International Publishing Skills**" Asia Pacific Colloquium Solid Organ Transplantation - Seoul Korea

2008 "**International Publishing Skills**" Asia Pacific Colloquium Solid Organ Transplantation– Hong Kong, PRC

2008 “**Long-term management of the liver transplant recipient”** University of Arkansas, Little Rock, AR

2008 “**Small Bowel Transplantation”** Controversies in Transplantation Conference - Breckenridge, CO

2008 "**Managing the Liver Waiting List: Use of ECD and DCD Liver Grafts**" AST Winter Symposium - Palm Springs, CA

2008 **“Preservation Solutions”** University of Kentucky School of Medicine, Lexington, KY

2008 “**Small Bowel Transplantation”** Society of Black Academic Surgeons - Cleveland Clinic, Cleveland OH

2008 “**Management of the Deceased Donor”** International Liver Transplantation Society –Hong Kong, PRC

2008 “**Increasing the Donor Pool – Optimizing the Use of the DCD Donor”** Mayo Clinic Jacksonville Transplant Grand Rounds – Jacksonville FL

2008 “**Transplant Innovation and Ethical Challenges”** Ethical Challenges in Surgical Innovation – Cleveland Clinic, Cleveland OH

2008 “**Ethical Challenges in Global Medical Education”** David Rogers Health Policy Colloquium New York Weil Cornell Medical Center – New York, NY

2008 “**A Historical Perspective of Organ Transplantation**” 39th Annual Kate and Harvey Cushing Lecture– North Shore Hospital

2008 “**An Update on Combined Liver/Kidney Transplantation in the Era of MELD”** Piedmont Hospital Transplant Grand Rounds– Atlanta GA

2008 “**DCD in Liver Transplantation”** ILTS Annual Meeting, Paris France

2008 “**Liver Transplant Immunosuppression: An Update”** Tenth Prograf Anniversary Symposium– Taiwan, China

2008 “**International Writing Skills”** Tenth Prograf Anniversary Symposium– Taiwan, China

2008 “**Liver Transplantation for Hepatocellular Carcinoma”** Mexican Society of Transplantation – Acapulco, Mexico

2008 “**Preventing Biliary Strictures after DCD Liver Transplantation”** HRSA Organ Donation and Transplantation Breakthrough Collaborative– Nashville TN

2008 "**Hepatic Tolerance**" AASLD: Thomas E. Starzl Transplant Surgery State-of-the- Art Lecture - San Fransciso, CA

2008 "**Combined Liver and Kidney Transplantation,**" "**Immunosuppression in Liver Transplantation**"Middle Eastern Society on Organ Transplantation – Shiraz, Iran

2008 "**Liver Transplantation for Hepatitis B and C Associated Liver Disease**" 2008 Symposium on Chronic Hepatitis and Liver Diseases– Taiwan, China

2009 ”**Does Small-for-Size Liver Really Work?”** Controversies in Transplantation – Breckenridge, CO

2009 **”Institutional Structure/Resources”** ATC 2009 Business of Transplantation – Boston, MA

2009 **”Introduction” – Minisymposium Course Organizer** ATC 2009 Multiorgan Transplantation – Boston, MA

2009 **”Living Donor Liver Transplantation”** 2009 National Congress of HPBT Surgery of China – Nantong, China

2009 **”Subclinical Intestinal Rejection”** Xith International Congress of the Small Bowel Transplantation Association – Bologna, Italy

2009 **”Immunosuppression for Select Situations”** Innovations in Liver Transplantation - ILTS Symposium – Beijing, China

2009 **”Liver Transplantation in HIV Positive Candidates”** Infections and Organ Transplantation – New Challenges for Prevention and Treatment –Varese, Italy

2009 **”The History of Organ Preservation”** 25th Anniversary Jefferson Liver Transplanatation Symposium – Philadelphia, PA

2009 **“Transplant Tourism”** Updates on Liver and Kidney Disease and Transplantation 2009: Controversies in Transplantation - Atlanta, GA

2009 **“Pathophysiology of Living Donor Liver Transplantation”** American College of Surgeons – Chicago, IL

2009 **"Liver Transplantation Can't Wiat - The Case of Hepatocellular Carcinoma"** Chinese Medical Society - New York, NY

2009 **"A Historial Perspective of Liver Transplantation"** Transplantation in the United Arab Emirates – Abu Dhabi

2009 **"Living Donor Liver Transplantation"** Transplantation in the United Arab Emirates – Abu Dhabi

2010 **"The Publication Process: Improving the Odds"**  Asia Pacific Colloquium on Organ Transplantation – Seoul, Korea

2010 **"Liver Based Transplant Tolerance"** 2010 Organ Transplant and Immunotherapy Forum – Shanghai, PRC

2010 **"The Publication Process: Improving the Odds"** Asia Pacific Colloquium on Organ Transplantation – Shenzhen, PRC

2010 **“Losing My Religion – UW is Superior to HTK for Abdominal Organ Preservation: Con”** ASTS 10th Annual Winter Symposium – Ft. Lauderdale, FL

2010 **“Advances in Treatment of Metastatic Colorectal Cancer to the Liver”** Surgery of the Foregut Symposium – Weston, FL

2010 **“Preservation of Liver Allografts”**Transplant Grand Rounds – Charleston, SC

2010 **“Multiple Listing”**Controversies in Transplantation – Breckenridge, CO

2010 **“Immunosuppression in Liver Transplantation,” “Outcomes of Cadaveric Liver Transplantation,” “Minimally Invasive HPB Surgery”** First Kuwait Conference on Hepato-Pancreato-Biliary Surgery and Transplantation – Kuwait City

2010 **“Donor Factors and Outcomes”** Course Director – Liver Transplantation, Asian Pacific Association for the Study of the Liver – Beijing, China

2010 Course-Director **“Transplant Tourism”** Advances in Organ Transplantation – 2010 Genzyme Annual Fellows Conference – Boston, MA

2010 **“The Role of the Liver in Immunity – Lessons From Liver Transplantation”** Johns Hopkins University Comprehensive Transplant Center Grand Rounds – Baltimore, MD

2010 **“Safely Expanding the Donor Pool”** Temple University Research Conference – Philadelphia, PA

2010 **“Advances in Hepatology – New Frontiers in Liver Transplantation”** Digestive Disease Week – AASLD Research Highlights – New Orleans, LA

2010 **“The Role of the Liver in Immunity”** Albert Einstein Medical Center – 22nd Annual Research Recognition Day – Philadelphia, PA

2010 **“Medicolegal Aspects of Organ, Tissue and Cell Transplantation”** 17th Turkish National Surgical Congress – Ankara, Turkey

2010 **“Around the World in 90 Minutes – Strategies to Increase the Application of Liver Transplantation”** 16th Annual Congress of the International Liver Transplantation Society – Hong Kong, PRC

2010 **“Organ Preservation in Transplantation”** 2010 Annual Scientific Meeting of the Transplantation Society of Australia and New Zealand

2010 **“Impact of MELD on HCC Patients in the United States”** Korean Society of Transplantation Symposium

2010 **“Combined Heart-Kidney Transplantation”** Cardiac Transplantation Workshop – NHLBI – Bethesda, MD

2010 **“Liver Transplantation for Fatty Liver Disease”** 2010 Shanghai Internation Forum on Digestive Diseases – Shanghai, PRC

2010 **“Innovations in Transplantation”** Optum Health Spotlight on the Cleveland Clinic – Cleveland, OH

2010 **“Liver Transplantation for Patients with Hepatic Neoplasms,” “Living Donor Liver Transplantation: Technical and Ethical Limitations”** 12th Congress of the Middle East Society for Organ Transplantation – Tunis, Tunsia

2010 **“Using livers from donation after cardiac death donors - Are we getting better?”** Transplant Workshop, Donation after Cardiac Death (DCD): Liver Transplantation: Optimal Techniques and Outcomes, American Association for the Study of Liver Diseases – Boston, MA

2010 **“Evolution of Techniques in Liver Transplantation”**2nd Annual Symposium on Transplantation in the UAE

2010 **“Malignancies after Liver Transplantation”** Presssing Issues in Liver Transplantation – ILTS – Shanghai, PRC

2011 “**Advances in Liver Transplantation for Hepatocellular Carcinoma”** Masters of Surgery - Montefiore Medical Center, Albert Einstein College of Medicine – New York

2011 **“Advances in Treatment of Hepatocellular Carcinoma,” “Clinical Focus on Liver Transplantation”** Surgery of the Foregut Symposium - Cleveland Clinic Weston – Miami, FL

2011 **“Advances in Immunosuppression of Solid Organ Transplantation”** Controversies in Transplantation – University of Colorado – Breckenridge, CO

2011 “**Advances in Immunosuppression of Solid Organ Transplantation”** Course Director, Advances in Organ Transplantation – 2011 Genzyme Annual Fellows Conference – Boston, MA

2011 **“Advances in Liver Transplantation for Hepatocellular Carcinoma”** 8th Beijing International Summit Forum of Organ Transplantation and Liver Surgery –Beijing PRC

2011 “**Safely Expanding the Donor Pool”** Transplantation Innovations: 30 Years of Transforming Lives – University of Pittsburgh – Pittsburgh, PA

2011 **“Advances in Immunosuppression in Solid Organ Transplantation,”** “**Understanding Transplant Tolerance: Lessons from Liver Transplantation”** Tenth International Congress of Iranian Society of Organ Transplantation – Shiraz, Iran

2011 “**Safely Expanding the Donor Pool”** MOT Distinguished Lecturer Series – University of Toronto, Toronto, Canada

2011 “**What’s Hot in Liver Transplantation”** Organ Transplantation Summit Forum 2011 – Hangzhou PRC

2011 **“The Liver Transplant Programs in Asia: The China Experience”** 2011 Joint International Congress of ILTS, ELITA, & LICAGE – Valencia, Spain

2011 **“Liver Transplantation for Hepatocellular Carcinoma – To What Extent?” “Living Donor Liver Transplantation: What the Future Holds”** 9th Liver Update Malaysian Liver Foundation – Kuala Lumpur, Malaysia

2011 **“Long-Term Issues After Liver Transplantation,”** “**Management of liver allograft rejection”** Optimizing Liver Transplantation Long Term Outcome – Challenges And Strategies – Beijing, PRC

2011 “**Innovative Techniques In Liver Transplantation”** International Symposium on Liver Transplantation - The Transplantation Society of Taiwan, Taichung, Taiwan

2011 “**Establishing a Center of Excellence: The Cleveland Clinic Transplant Center Experience”** Optimizing Surgical Treatment of Rectal Cancer (OSTRiCh) - Cleveland Clinic, Cleveland, OH

2011 **“Geographical and Other Variations in Organ Distribution”** Organ Donation Work Group Report – Advisory Committee on Organ Donation – Washington DC

2011 **“Overview of Liver Transplantation in the United States,” “Liver Transplantation for Hepatic Malignancies: Outcomes”** The Liver Package – Northwestern University – Las Vegas, NV

2011 “**Acute Liver Failure and Liver Transplantation,” “Down-staging HCC in Liver Transplantation”**12thCongress of the Asian Society of Transplantation - Seoul, Korea

2011 **“The Difficult Hepatectomy”** Living Donor Liver Transplantation – Liver Surgery Symposium – Seoul National University Hospital, Seoul, Korea

2011 **“Updates in Liver Transplant Immunosuppression,” “Management of the Deceased Organ Donor**” International Liver Transplantation Society - Innovations in Liver Transplantation – Istanbul, Turkey

2011 **“Update in Liver Transplantation: Focus on Organ Utilization,” “Advances in Immunosuppression of Solid Organ Transplantation”**The 2nd Gulf Cooperation Council Congress for Organ Transplantation – Riyadh, Saudi Arabia

2011 **“Transplantation Immunity: Lessons from Liver Transplantation “** APASL Single Topic Conference - Clinical Immunology and Immunotherapy for Viral Hepatitis – Beijing, PRC

2011 **“Extended Criteria Livers: Safely Expanding the Donor Pool”** Emerging Issues in Organ Transplantation - Cleveland Clinic – Cleveland, OH

2011 “**Transplantation Tourism”** 9th Annual Focus on Transplantation - The Modern Era: Travel, Transition, Technology and Transplantation - ITNS Buckeye Chapter – Cleveland, OH

2011 **“Future Prospects In Liver Transplantation Immunosuppression “** AASLD/ILTS Transplant Course – San Francisco, CA

2011 **“Updates in Liver Transplant Immunosuppression,” “Management of the DCD Organ Donor”** ILTS - Innovations in Liver Transplantation – Beijing, PRC

2011 **“Immunosuppression Advances in Solid Organ Transplantation”** Transplant Grand Rounds - Cleveland Clinic – Cleveland, OH

2011 **“Composite Tissue Allograft Transplantation: Worldwide Lessons”** Uterus Transplant Conference – Indiana University – Indianapolis, IN

2011 **“Exploring the Frontiers of Medicine: Digestive Diseases”** Exploring the Frontiers of Medicine Series - Cleveland Clinic Abu Dhabi – Abu Dhabi, UAE

2012 **“A Historical Perspective of Organ Transplantation”** Surgery Grand Rounds – University of Arizona Banner Good Samaritan – Phoenix, AZ

2012 **“Cancers after Solid Organ Transplantation”** Academy of Medicine of Cleveland and Northeast Ohio – WCLV Radio

2012 **“A Historical Perspective of Organ Transplantation”** Banner Good Samaritan, Phoenix, AZ

2012 **“Modern Techniques of Liver Resection,” “Management of Bile Leaks after Complex Liver and Biliary Tract Surgery”** Surgery of the Foregut Symposium - Cleveland Clinic Weston – Miami, FL

2012 **“Transplant Tourism”** Controversies in Transplantation – University of Colorado – Breckenridge, CO

2012 Organizing Committee, China National Congress for Donation after Circulatory Death - Hangzhou, China

2012 “**Liver Transplantation in HIV Co-Infected Patients – US Experience”** Transplant Infectious Diseases – Varese, Italy

2012 **“Minimizing Blood Transfusion in Liver Transplantation: Current Status”** TransFuse: The Transformative Fusion of Innovative Blood Management Technologies – Phoenix, AZ

2012 “**Liver Transplantation for Hepatic Malignancies: Outcomes”** Shanghai International Conference in Digestive Diseases – Shanghai, PRC

2012 “**Advances in Immunosuppression of Solid Organ Transplantation”** Course Director, Advances in Organ Transplantation – 2012 Genzyme Annual Fellows Conference – Boston, MA

2012 “**The Triple Threat Academic Surgeon”** The Art of Surgery Today: The Last Supper - Thessaloniki, Greece

2012 “**HCV Recurrence After Liver Transplantation: Improving Long-Term Outcomes”** Trans-Agora – Satellite Symposium for ILTS - San Francisco, CA

2012 “**The Difficult Liver Resection,” “Updates in Liver Transplant Immunosuppression”** 18th Congress of the Turkish Surgical Association - Izmir, Turkey

2012 “**Renal function in liver transplantation”** Trans-Agora – Satellite Symposium for American Transplant Congress – Boston, MA

2012 “**They Supply Them and You Buy Them: Where are We With Transplant Tourism?” “Sentenced to Donation: Prisoners as Donors"** American Transplant Congress Sunrise Symposium - Boston, MA

2012 “**Strategies for Managing of Recurrent Hepatitis After Liver Transplantation”** 14th International Symposium on Viral Hepatitis and Liver Disease - Shanghai, PRC

2012 “**Advances in Immunosuppression of Solid Organ Transplantation,” “Current Issues in Surgical Education”** 37th Annual Congress of Japanese College of Surgeons – Fukuoka, Japan

2012 “**Liver Transplant Outcomes in the United States : Effect of Preservation Solution”** DKFC Satellite Symposium to the Transplantation Society – Berlin, Germany

2012 “**Donor Considerations in Liver Transplantation,” “Portal Vein Thrombosis in Liver Transplantation: Surgical Mini-CPC”** AST Fellows Meeting - Grapevine, TX

2012 **“Liver Transplant Tourism”** Liver Matters – Las Vegas, NV

2012 **“Overview of Liver Transplantation in the United States,” “Surgical Treatment of Liver Cancer”** Digestive Disease Update - Shanghai, PRC

2012 **“Unique Challenges in Patient Blood Management and Transplant Surgery”** 2012 Society for the Advancement of Blood Management - Pittsburgh, PA

2012 **“Prisoners: Donor, Recipient, or Neither?”** The MacLean Center Seminar Series - University of Chicago, Chicago IL

2012 **“Applying DBD Concepts to DCD”** ILTS – Hangzhou, PRC

2012 **“The Threats to The Triple Threat Academic Surgeon”** Surgical Hot Topics Symposium - Rome, Italy

2012 **“Update In Xenotransplantation,”** “**Immunosuppressant Protocols in Liver Transplantation: Tailoring Minimizing, Weaning”** 13th Congress of Middle Eastern Society of Organ Transplantation – Abu Dhabi

2013 **“Liver Transplant Tourism”** Pan Arab Liver Transplantation Society - Qatar

2013 **“Hepatitis C in Liver Transplantation – Treatment in the Present and Future”** 13th Annual ASTS State-of-the-Art Winter Symposium – Miami, FL

2013 “**Hepatitis B & C: Clinical Implications For The Transplant Recipient”** NATCO Symposium – Miami, FL

2013 “**The Hector Orozco Lecture: Liver Transplantation for Viral Hepatitis - What Have We Learned and What is the Future?”** XX Curso Internacional De Cirugia Hepatopancreatobiliar – Mexico City, Mexico

2013 “**Recent Advances in Immunosuppression for Liver Transplantation”** Surgery of the Foregut - Cleveland Clinic – Miami, FL

2013 “**Immunosuppressant Protocols in Liver Transplantation: Tailoring Minimizing, Weaning”** Controversies in Transplantation – University of Colorado, Breckenridge, CO

2013 **“Minimizing CNI-Based Immunosuppression (With An Emphasis In Liver Transplantation)”** Saudi International Congress on New Frontiers in Organ Transplantation – Riyadh, Saudi Arabia

2013 **“Considering The Future Education Of Young Surgeons”** 113th Annual Congress of the Japan Surgical Society – Fukuoka, Japan

2013 **“Minimizing CNI-Based Immunosuppression (With An Emphasis In Liver Transplantation)”** 2013 Fellows Conference: Advances in Organ Transplantation – Boston, MA

2013 **“DDIC Overview: Cleveland Clinic Florida DDC”** Cleveland Clinic Weston – Weston, FL

2013 **“Liver Resection for Hepatocellular Carcinoma”** International Liver Transplantation Society – Sydney, Australia

2013 **“Early Everolimus-Facilitated Minimization of Tacrolimus: Progression of Renal Function and** **Effect on Proteinuria at 24 Months”** International Liver Transplantation Society – Sydney, Australia

2013 “**Advances in Liver Transplantation: Trends in Liver Allograft Utilization”** XXV Anniversary Celebration of Liver Transplantation - University Hospital Clinic of Barcelona – Barcelona, Spain

2013 **“Managing HCC recurrence and *de novo* cancers in liver transplantation”** Latin American Transplant Association – Miami, FL

2013 **“Establishing a Center of Excellence: The Cleveland Clinic Transplant Center Experience”** University of Kansas – Kansas City, KS

2013 **“Long-Term Immunosuppression and the Risk of Post-Transplant Malignancy”** Ohio State Organ Transplant Consortium Annual Scientific Meeting – Columbus, OH

2013 **“Rethinking Endpoints for Clinical Trials: Liver Transplantation”** Emerging Issues in Organ Transplantation – Medical University of South Carolina – Charleston, SC

2013 **“A Historical Perspective of Organ Transplantation”** Surgery Grand Rounds -Cleveland Clinic Florida – Weston, FL

2013 **“A New Paradigm in Organ Preservation: Ex-Vivo Normothermic Perfusion”** 2014 China Organ Transplantation Congress

2013 **“Intestinal Failure: Evolution of Therapy in the Era of Intestinal Transplantation”** American College of Surgeons Annual Meeting – Washington DC

2013 **“Static Cold Perfusion Fluids”** 12th Congress of the International Society for Organ Donation and Procurement – Sydney, Australia

2013 **“Understanding Transplant Tolerance: Lessons from Liver Transplantation”** XXII Latin American and Caribbean Congress/XII Argentine Congress on Transplantation

2013 **“Liver Transplantation for Non-HCC Hepatic Malignancies: Outcomes”** 25th Anniversary Liver Transplantation - Ankara, Turkey

2014 **“Long Term Survival after Liver Transplantation: A Triumph of Surgery and Immunosuppression”** Hermann Annual Keynote Lecture: Surgery of the Foregut - Cleveland Clinic – Miami, FL

2014 **“Immunosuppression in Liver and Kidney Transplantation: The Era of CNI Minimization”** Georgetown University Transplant Grand Rounds – Washington DC

2014 **“A New Paradigm in Organ Preservation: Ex-Vivo Normothermic Perfusion”** Controversies in Transplantation – University of Colorado – Breckenridge, CO

2014 **“The History of Liver Transplantation with an Emphasis on the Pittsburgh Contributions”** University of Gothenburg – Gothenburg, Sweden

2014 **“Evolving Endpoints In Liver Transplant Immunosuppression”** 114th Congress of the Japan Surgical Society – Fukuoka, Japan

2014 **“Evolving Endpoints In Liver Transplant Immunosuppression”** 2014 Fellows Conference: Advances in Organ Transplantation – Boston, MA

2014 **“Safely Expanding the Donor Pool”** Houston Methodist - J.C. Walker Jr. Transplant Grand Rounds – Houston, TX

2014 **“Safely Expanding the Donor Pool”** Joseph B. Whitehead Lecture - Emory University School of Medicine – Atlanta, GA

2014 **“Liver Transplantation in HIV-Infected Patients: New Perspectives for Treatment of HCV Recurrence”** Second International Congress on Viral Hepatitis and Organ Transplantation – Varese, Italy

2014 “**Balancing The Impact Of Transparent Outcomes: Potential Unintended Consequence Of Quality Oversight”** Liver Transplantation – Aspiring to Excellence - 2014 International Congress of ILTS

2014 **“Static Cold Perfusion Fluids”** University of Washington – Seattle, WA

2014 **“Everolimus with Reduced Tacrolimus Preserves Long-Term Renal Function in Liver Transplant Recipients: 36 and 48 Months Results From The H2304E1 Study”** World Transplant Congress – San Francisco, CA

2014 “**Establishing a Center of Excellence: The Cleveland Clinic Transplant Center Experience”** Lanzhou University – Lanzhou, China

2014 **“Safely Expanding the Donor Pool”** 14th Congress of the Middle Eastern Society for Organ Transplantation

2014 **“Update on the Cleveland Clinic Health System Transplant Program”** Cleveland Clinic Alumni Board – Cleveland, OH

2014 **“A Historical Perspective of Organ Transplantation”** Medical College of Wisconsin – Milwaukee, WI

2014 **“Lessons Learned On Donation after Cardiac Death (DCD) From The West”** Current Controversies In Liver Transplantation – Shanghai, China

2014 “**Immunosuppression in Pediatric Liver Transplantation”** Cleveland Clinic Pediatric Institute: James Ted Engle Pediatric Lecture – Cleveland, OH

2015 **“Rumble in the Miami Jungle: Money in Organ Transplantation”** American Society of Transplant Surgeons Winter Meeting – Miami, FL

2015 **“Hepatitis B and Hepatitis C Virus in Liver Transplantation”** Asian Pacific Transplant Caucus 2015 – Jeju, Korea

2015 “**Liver Transplantation for Hepatic Malignancies,” “Beyond the OR: New Strategies in Immunosuppression and Tolerance Induction for Liver Transplantation”** VIIth International Course on HPB Surgery – Porto, Portugal

2015 **“Compensation for Organ Donation”** Controversies in Organ Transplantation – University of Colorado – Breckenridge, CO

2015 “**De Novo Trials of Everolimus in Liver Transplantation”** mTOR in Liver Transplantation: Fact and Fiction – Baylor University – Dallas, TX

2015 “**Liver Transplantation in HIV-Infected Patients**” 5th International Congress: Infections and Organ Transplantation – Varese, Italy

2015 **“Safely Expanding the Donor Pool”** University of Miami – Miami, FL

2015 **“Tailoring Current Immunosuppressive Therapy in Liver Transplantation: Disease-Specific Regimens** **Renal Sparing: Who, What, When?”** American Transplant Congress - Philadelphia, PA

2015 “**Evolution of Immunosuppression in Liver Transplantation”** Thomas Starzl Prize in Surgery and Immunology – Univesity of Pittsburgh, Pittsburgh, PA

2015 **“Evolution of Abdominal Organ Transplantation: Contributions of Thomas Starzl, MD, PhD and the Cleveland Connection”** Digestive Disease Grand Rounds - Cleveland Clinic Ohio – Cleveland, OH

2015 “**Liver Allograft Preservation, Optimization and Repair”** Ohio State Organ Transplant Consortium Annual Scientific Meeting – Columbus, OH

2015 “**Metastatic Liver Lesions: When to Operate”** American Liver Foundation: 10th Annual Liver Matters - Cleveland, OH

2015 “**A Critical Analysis of Organ Perfusion Solutions in Liver Transplantation”** European Society of Organ Transplantation – Brussels, Belgium

2015 **“Evolution of Immunosuppression in Liver Transplantation”** Innovations in Liver, Kidney and Pancreas Transplantation - Westchester Medical Center Transplant Symposium – Westchester, NY

2015 “**Liver Transplantation for Hilar Cholangiocarcinoma”** XXIII Congress of the Latin American and Caribbean Society of Transplantation

2015 “**Emerging Trends in the Management of HCC - A Surgeon’s Perspective”** Lanzhou University – Lanzhou, China

2015 **“Acute Liver Failure and Liver Transplantation,”** “**Drug Weaning vs Tolerance in Liver Transplantation,” “Evolution of Immunosuppression in Liver Transplantation”** 3rd Tehran HPB & Liver Transplant Congress - Tehran, Iran

2015 “**Technical Frontiers in Liver Transplantation,” “Immunosuppressive Strategies in Liver Transplantation”** New Frontiers in Liver Transplantation – Chengdu, China

2016 **“Healthcare Reform: Impact on Transplant Programs and Medical Centers”** Association of Organ Procurement Organizations Directors Workshop - Atlanta, GA

2016 **“Liver Masses: Conservative vs. Surgical Management”** 5th Annual Gastroenterology and Hepatology Symposium **–** Cleveland Clinic - Boca Raton, FL

2016 **“Surgical Approaches to Common Bile Duct Injuries”** Surgery of the Foregut Symposium – Cleveland Clinic - Boca Raton, FL

2016 **“Overview of Immunosuppression in** **Vascularized Composite Allotransplantation”** Nasser Al-Rashid Orbital Research Colloquium - University of Miami – Miami, FL

2016 “**Surgery for Liver Cancers: Practical Considerations,” “Liver Transplantation – 2016: Donor Considerations”** 4th Bi-Annual Shanghai International Forum on Digestive Diseases - Cleveland Clinic/Jiao Tong University – Shanghai, China

2016 **“Organ Preservation, Optimization and Repair”** University of Toronto Multiorgan Transplant Grand Rounds – Toronto, ON

2016 **“Immunoprophylaxis and Early Postoperative Management: Current Updates and Controversies**” International Liver Transplantation Society – Seoul, Korea

2016 **“Liver Transplantation in HIV Infected Patients: New Perspectives on HCV Prevention and Relapse”** Viral Hepatitis and Organ Transplantation – Varese, Italy

2016 **“The Difficult Liver Resection**” Jiangsu Province Conference on Hepatic Diseases – Nantong, China

2016 **“Safely Expanding the Donor Pool”** Cleveland Clinic – Fort Lauderdale, FL

2016 **“Technical Considerations in Liver Transplantation”** Lake Como School on Advanced Studies – Lake Como, Italy

2016 **“The William H. Harridge Memorial Lecture: The Changing Face of Short-Gut Syndrome Management”** Midwest Surgical Assocation – Mackinaw Island, MI

2016 **“Share 35 – USA Perspective,” “When to Take a Kidney – USA Perspective”** – Astellas Liver Meeting – Melbourne, Australia

2016 **“An Overview of Heart Transplantation”** Merck Advisory Board on Transplantation – Wilmington, DE

2016 **“Perspectives in Transplantation: Past, Present and Future”** International Transplant Nursing Society – Pittsburgh, PA

2016 **“Deceased Donor Liver Transplantation for Hepatocellular Carcinoma”** American College of Surgeons – Washington DC

2016 **“Ischemic Type Biliary Lesions: The Case for Exogenous Fibrinolysis”** 4th International Workshop on DCD – Barcelona, Spain

2016 **“Evolution of Immunosuppression in Liver Transplantation”** International Symposium on Liver Tumors and Transplantation – Ankara, Turkery

2016 **“A New Paradigm in Organ Preservation: Ex-Vivo Normothermic Perfusion,” “Evolution of Liver Transplantation: Contributions of Thomas Starzl, MD, PhD and his Pittsburgh Disciples”** Shiraz University dedication – Shiraz, Iran

2017 “**Evolution of Immunosuppression in Liver Transplantation” –** University of Chicago Transplantation Institute – Lunch-N-Learn

2017 “**Hepatitis C and Liver Transplantation: Indications and Outcomes for Treatment”, “Contemporary Issues in Liver Transplantation Immunosuppression” -** 3rd GCC Organ Transplantation and Nephrology Congress, Kuwait

2017 “**Surgical Approaches to Common Bile Duct Injuries**”, “**Liver Masses   
Conservative vs. Surgical Management**”, “**A Historical Perspective of Organ Transplantation”** - Phoenix Surgical Symposium, Phoenix, AZ

2017 **Thomas Starzl Lecture** - “**The Pittsburgh Trial on Tacrolimus Compared to Cyclosporine in Hepatic Transplantation”** - University of Illinois, Chicago College of Pharmacy, Chicago, IL

2017 **“Opioids and Opioid Substitution Therapy in Transplant Candidates”, “The Transplant Administrator and Physician Director Partnership in Leading the Transplant Team”** – American Transplant Congress, Chicago, IL

2017 “**Evolution of Transplant Immunosuppression”** - University of North Carolina, Chapel Hill, NC

2017 **“Perspectives in Transplantation: Past, Present, and Future” -** International Transplant Nursing Society, Chicago, IL

2017 “**Protecting the Kidney After Liver Transplantation”, “Simultaneous Liver and Kidney Transplantation” -** 3rd  Iranian Society of Organ Transplantation- Shiraz, Iran

2017 “**A Tribute to Thomas Starzl, MD, PhD**” – International Liver Transplantation Society, Prague, Czechoslovakia

2017 **“Perspectives in Transplantation: Past, Present, and Future”** - Mountain Vista Medical Center, Mesa, AZ

2017 “**Legend in Liver Transplantation: Memories of Thomas Starzl, MD, PhD**” – Japan Society of Transplantation, Hokkaido, Japan

2017 “**Using Hepatitis C Positive Donor Organs in Hepatitis C Negative Recipients” –** Controversies in Transplantation – Cleveland Clinic, Cleveland, OH

2017 “**Evolution of Transplant Immunosuppression”** - 41st Congress of the Mexican Association of General Surgery, Acapulco, Mexico

2017 “**Immune Tolerance: The Good, The Bad and The Ugly”** - Lung Tsiong Yam Memorial Lecture, University of Louisville, Louisville, KY

2017 “**Celebration of the 50th Anniversary of Schwartz’s *Principles in Surgery*:** **Evolution of Liver Transplantation**” - American College of Surgeons, San Diego, CA

2017 “**Immunobiology of Allograft Rejection”, “Liver Transplantation for Neuroendocrine Tumors”** - Fourth Tehran Hepatopancreaticobiliary & Liver Transplant Congress, Tehran, Islamic Republic of Iran

2017 “**Transplant Tolerance: The Good, The Bad and The Ugly”** **-** Medical College of Wisconsin. Milwaukee, WI

2017 “**Advances in Detection and Treatment of Neuroendocrine Tumors Including Liver Transplantation” -** 2017 International Hepatobiliary and Pancreatic Surgery Hangzhou Summit

2018 “L**iver Transplantation for Severe Alcoholic Hepatitis”** – University of Chicago, Chicago, IL

2018 **“Solid Organ Transplantation in HIV Infected Patients”** - Fourth International Congress on Viral Hepatitis and Organ Transplantation – Varese, Italy

2018 “**Evolution of Immunosuppression for Liver Transplantation**” - The Fifth Annual Fenton Schaffner Lectureship, Mt. Sinai Medical Center, NY

2018 “**Adapting Open Hepatectomy Principles to Laparoscopic Liver Resection” –** University of Illinois, Chicago, IL

2018 “**Safely Expanding the Donor Pool”, “Liver Transplantation for Hepatic Malignancies: Outcomes”, “Evolution of Immunosuppression for Liver Transplantation” – T**ianjin Medical Center, Tianjin, PRC

2018 “**A New Paradigm in Organ Preservation: Ex-Vivo Normothermic Perfusion”, “Hepatitis C and Liver Transplantation” -** 2018 Chinese Transplant Congress, 5th Annual Chinese Transplant Doctor’s Congress, Chengdu, PRC

2018 “**Evolution of Abdominal Organ Transplantation: The Cleveland Clinic Connection” - C**leveland Clinic Abu Dhabi, Abu Dhabi, UAE

2018 “**What You Need To Know About Liver Surgery”** - Cholangiocarcinoma Foundation/University of Chicago, Chicago, IL

2018 “**The Evolution of Liver Surgery - 50th Anniversary of the ‘Principles of Surgery’” -**4th Annual University of Rochester Surgical Symposium, Rochester, NY

2018 “**Evolution of Immunosuppression for HCC in Liver Transplantation**”, “**A Paradigm Change in the Management of Metastatic Neuroendocrine Tumors to the Liver**” – International Hepatobiliary and Pancreatic Surgery Hangzhou Summit, Hangzhou, PRC

2018 “**Drug Weaning vs Tolerance in Liver Transplantation**”, “**Evolution of Immunosuppression for HCC in Liver Transplantation**” - First Nanjing International Forum on Liver Disease and Liver Transplantation, Nanjing, PRC

2018 “**Evolution of Immunosuppression for HCC in Liver Transplantation**” - 2018 World Life Science Conference, Beijing, PRC

2018 “**Suppressing the Immune System: The Good, The Bad and The Ugly” -** The 52nd I. S. Ravdin Lecture in Basic and Surgical Sciences, The 104th ACS Clinical Congress, Boston, MA

2018 “**Evolution of Liver Transplantation: Contributions of Thomas Starzl, MD, PhD and his Pittsburgh Disciples**”, “**Evolution of Immunosuppression for Liver Transplantation”** – Loma Linda University, Loma Linda, CA

2018 “**The Financial Impact of Simultaneous Liver/Extra-Hepatic Transplantation” –** AASLD, San Francisco, CA

2019 “**AILBS Oration - Tolerance in Liver Transplantation: Present and Future” –** Fortis Hospital, Delhi, India

2019 “**Thrombolytic Therapy in DCD Liver Transplantation” –** Deceased Donation: Expanding the Donor Pool – TTS 2019 Regional Meeting – Istanbul, Turkey

2019 “**Strategies To Prevent And Treat Lymphoproliferative Disorders**” – Lunch and Learn – University of Chicago

2019 “**Updates in Cholangiocarcinoma: Surgical Management” -** Endoscopic Advances for Clinical Practice – University of Chicago

2019 “**Current Status Of Intestinal Transplantation**” - 2019 International Multi-Disciplinary Fusion Forum on Digestive Diseases, Hangzhou, PRC

2019 “**A New Paradigm in Organ Preservation: Ex-Vivo Normothermic Perfusion” –** Updates in Hepatology – University of Chicago

2019 “**Evolution of Liver Transplantation: Contributions of Thomas Starzl, MD, PhD and the University of Pittsburgh – A Culture of Innovation” -** Mountain Vista Medical Center, Mesa, AZ

2019 **“Best of Surgery – The Middle Hepatic Vein Controversy”** – ILTS – Toronto, Canada

2019 **“How Old is “Too Old” for a Combined Liver/Kidney Transplant? - Liver Recipient Selection: Where Do You Draw the Line?” –** American Transplant Congress – Boston, MA

2019 “**Living Donor Liver Transplantation: Small-For-Size Syndrome” –** Medical College of Wisconsin – Milwaukee, WI

2019 “**Suppressing the Immune System: The Good, The Bad and The Ugly” –** 74th General Meeting of the Japanese Society of Gastroenterological Surgery – Toyko, Japan

2019 “**Current Status Of Intestinal Transplantation” –** Mexican Association for Surgery of the Alimentary Tract – Mexico City, Mexico

2019 “**International Cooperation In Transplant Surgery**” - Kui and Wai Fong Lecture - Society of Asian Academic Surgeons – Boston, MA

2019 “**Transplant Tolerance: The Good, The Bad and The Ugly**” - Heekin Family Lectureship in Liver Transplantation, University of Cincinnati – Cincinnati, OH

2019 “**Small-For-Size Syndrome In Liver Transplantation**” – Turkic Society of Transplantation - Uzbekistan

2019 “**Minimizing Biliary Complications In Living Donor Liver Transplantation**” - Second Annual Conference Of Liver Transplantation Society Of India – Kochi, India

2019 “**A Tribute to Thoms Starzl**” - Second Annual Conference Of Liver Transplantation Society Of India – Kolkata, India

2019 “**Organ Donation and Public Education: Media Innovation & Strategy**” - 4th China-International Organ Donation Conference (CIODC) & the Belt & Road Symposium on Organ Donation Development and International Cooperation – Kunming, China

2019 “**Locoregional Therapy in Management of Hepatocellular Carcinoma**” - 17th National Liver Cancer Conference/50th anniversary of the Liver Cancer Institute, Zhongshan Hospital, Fudan University, Shanghai, China

2020 **“Obesity and Organ Donaton**” - Symposium on Deceased Organ Donation and Religion - Baskent University - Ankara, Turkey

2020 **“Liver Transplantation for Non-Resectable Colorectal Liver Metastasis**” – University of Chicago Oncology – Virtual

2020 “**Management of Liver Metastasis for Colon Cancer”** – Society of Surgery of the Alimentary Tract (SSAT), Mexican Chapter – Virtual

2020 **“Liver Transplantation for Non-Resectable Colorectal Liver Metastasis**” – Chinese Medical Doctor Association 2020 Chinese Transplant Congress - Virtual

2020 “**Liver Transplantation for Hepatocellular Carcinoma”** – Brazilian College of Surgeons - Virtual

2020 “**Immune Tolerance in Liver Transplantation”** - James Ted Engle Pediatric Liver Transplant Lecture – Cleveland Clinic, Cleveland, OH

2020 **“Immune Tolerance in Liver Transplantation”** – Tianjin Bin Hai International Transplant Forum – virtual

2020 **“Liver Transplantation for Cholangiocarcinoma”** – Cholangiocarcinoma Summit – virtual

2020 **“Advances in Transplantation in HIV+ Recipients”** – 5th International Congress Viral Infections in Patients – Virtual

2020 **“Advances in Transplantation in HIV+ Recipients”** – University of Chicago – Liver Matters – Virtual

2020 **“Evolution of Liver Transplantation: The Legacy of Thomas Starzl”** – Columbia University Grand Rounds – Virtual

2021 **“Liver Transplantation for NASH Cirrhosis”** - International Bariatric Club Hot Topics in Surgery: Evidence Based Metabolic, Bariatric and Liver Transplantation Surgery – Virtual

2021 **“Non-Hepatic Cancer in the Pediatric Liver Transplant Population”** - ILTS-SETH Consensus Conference on Non-Hepatic Cancer and Liver Transplantation – Virtual

2021 **“Emerging Frontiers in Liver Transplantation: How I See It”** - AILBS Oration” – 2nd International AILBS - Virtual

2021 **“Hepatitis B Core Antibody Positivity: What Does It Mean For The Liver Transplant Team?”** – Liver Transplantation Society of India – Virtual

2021 “**Living Donor Liver Transplantation: Institutional Structure and Resources”** –Transplantation Society Masterclass – Virtual

2021 **“Locoregional Treatments: Current Techniques and Indications for Treatment and Downstaging”** – American College of Surgeons – Virtual

2021 “**A Paradigm Change in the Management of Metastatic Neuroendocrine Tumors to the Liver”** - Tianjin Bin Hai International Transplant Forum – virtual

2021 “**A Tribute to Seymour Schwartz”** – University of Rochester, Rochester, NY

2022 **“Transplantation Oncology: The Past, The Present and The Future”** – Cleveland Clinic Grand Rounds – Virtual

2022 **“Characteristics Of Trends Of Liver Transplantation Worldwide”** – New Horizons in Transplantation – Virtual

2022 **“The Role Of The Laboratory Professional In Transplantation”** - California Association of Medical Laboratory Technology – Virtual

2022 “**Transplantation Oncology: The Past, The Present and The Future”** - Thomas Starzl Memorial Lecture - 15th IHPBA World Congress – New York City, NY

2022 **“Disparities in Kidney Transplantation”** - The Future of Living Donor Kidney Transplantation Symposium – University of Chicago - Virtual

2022 **“Liver Transplantation for Hepatocellular Carcinoma”** - 8th Pan Arab Liver Transplant Congress - Virtual

2022 **“Metastatic Neuroendocrine Tumors And Liver Transplantation: When Do We Pull The Trigger?”** “Transplant Oncology – Expanding Indications for Liver Transplantation” - American Transplant Congress 2022 – Boston, MA

2022 **“Liver Transplantation for Severe Alcoholic Hepatitis”** - Sao Paulo, Brazil

2022 **“Liver Transplantation for Colorectal and Neuroendocrine Metastasis:**

**Where Do We Stand?”** – Sao Paulo, Brazil

2022 “**De Novo Malignancies Following Liver Transplantation”** – Tianjin First Transplant Oncology Frontiers Forum – Virtual

2022 **“Post-Graduate Course: Basic Sciences Grant Writing”** – 28th Congress of the Transplantation Society – Buenos Aires, Argentina

2022 **“Post-Graduate Course: Basic Sciences Grant Writing Grants to Target”** – 28th Congress of the Transplantation Society – Buenos Aires, Argentina

2022 **“Liver Allograft Preservation”** – 28th Congress of the Transplantation Society – Buenos Aires, Argentina

2022 **“Updates in Transplantation for HIV+ Candidates”** - 6th International Congress Viral Infections in Immunocompromised Patients - Virtual

2022 **“DCD Utilization In The United States”** – The 6th China-International Organ Donation Conference and The Belt & Road Symposium on Organ Donation and Transplantation International Cooperation Development – Virtual

2022 **“Living Donor Liver Transplantation”** – Third Annual Cholangiocarcinoma Regional Symposium – University of Chicago

2022 **“Liver Transplant Tolerance: From Mouse to Man”** - First Congress of the Egyptian Liver Transplant Society – Cairo, Egypt

2022 **“Transplantation Oncology: The Past, The Present and The Future”** – Mexican Hepatobiliopancreatic Surgery Society – Cancun

2022 **“Immunosuppression In Liver Transplantation For Cancer”** – Mexican Hepatobiliopancreatic Surgery Society – Cancun

2023 **“Sustaining A Very Large Volume Liver Transplant Program”** – International Liver Transplantation Society – Chennai, India

2023 **“Guidelines For The Optimal Multidisciplinary Management Of Patients With Established SFSS”** – International Liver Transplantation Society – Chennai, India

2023 “**The Evolution of Transplant Oncology”** - The 3rd Annual Jeffrey Markley Endowed Lectureship in Hepatobiliary and Transplant Surgery – University of Southern California, Los Angeles, CA

2023 “**Thirty Years of ILTS: Our Heritage”** – International Liver Transplantation Society – Rotterdam, Belgium

2023 **“Advances in Liver Transplantation for Hepatocellular Carcinoma – A Prototype for Transplant Oncology”** - Tsinghua University International Forum on Organ Transplant and Bionic Medicine - Virtual

2023 **“Evolution of Liver Transplantation: With Particular Attention to Contributions of Thomas Starzl, MD, PhD”** – University of Thessoloniki – Virtual

2023 **“Reviewing the Utility of Immunotherapy in Liver Transplant Candidates: Fueling the Fire or Quelling the Flames: Using Immunotherapy for Hepatocellular Carcinoma in the Setting of Liver Transplantation”** – American Transplant Congress – San Diego, CA

2023 **“The Journey From Tumor Immunology to Transplant Immunology to Transplant Oncology Comes Full Circle”** - Congress of the Asian Society of Transplantation – Hong Kong, China

2023 **“Solid Organ Transplantation for HIV+ Patients”** - 9th International Congress

Infections and Transplantation – Varese, Italy

2023 **“The Journey From Tumor Immunology to Transplant Immunology to Transplant Oncology Comes Full Circle”** – University of Chicago – Liver Matters – Chicago, IL

2023 “**The Evolution of Transplantation Oncology”** - 9th International Congress of

Iranian Society of Organ Transplantation – Shiraz, Iran

2023 **“Hepatitis B Core Antibody Positive Liver Donors Or Recipient: Perioperative Considerations”** - 9th International Congress of Iranian Society of Organ Transplantation – Shiraz, Iran

2023 **“Liver Transplantation for Out-of-Criteria Tumors: Hepatocellular Carcinoma as a Prototype”** – MD Anderson/Methodist Hospital – Houston, TX

2023 **“Liver Transplantation for Hilar Cholangiocarcinoma”** – Pakistan Society for the Study of Liver Diseases – Virtual

2023 **“Advances in Liver Transplantation for Hepatocellular Carcinoma – A Prototype for Transplant Oncology”** – Middle Eastern Society of Organ Transplantation – Ankara, Turkey

2023 **“Donation After Cardiac Death – The United States Perspective”** – International Symposium: Brain Death and Circulatory Death – Ankara, Turkey

2023 **“Highlights Of Challenges, Actions And Stratergies In TTS”** - The 7th China-International Organ Donation Conference and The Belt & Road Symposium on Organ Donation and Transplantation International Cooperation Development – Nanning, China

**INVITED, ELECTED, OR APPOINTED EXTRAMURAL SERVICE**

1991 Co-Chairman, Scientific Program Committee, First International Congress on FK 506, Pittsburgh, PA

1991-1995 Editorial Board - *Transplantation Science*

1991 Editorial Board - *General Surgery News*

1993-2004 Associate Editor - *Digestive Diseases and Sciences*

1993-2004 Editorial Board - *Clinical Transplantation*

1994 Chairman – ASTS Scientific Studies Committee

1994 Committee member – AASLD Transplant & Biliary Tract Surgery Committee

1994-1999 Associate Editor - *Liver Transplantation and Surgery*

1994-1998 Chairman, Research & Education Committee, American Hepato-Pancreato-Biliary Association

1995-1996 Board Member, TRIO, Transplant Recipients International Organization, Pittsburgh Chapter

* 1. Regional Representative to the UNOS Membership and Professional Standards Committee

1995-2004 Council Member – International Liver Transplantation Society

1996-1997 Honorary advisor of ASIA

1997 Editorial Board, Liver Transplantation on the Web

1996-1998 ASTP Committee for Liver and Intra-abdominal Organs

1997- International Advisory Board - *Annals of the College of Surgeons of Hong Kong*

1997-1998 Editorial Board Member - *Chinese Journal of General Surgery*

1997 Liver Editorial Board Member for the International Congress on Immunosuppression

1998- Member, NIAID Data and Safety Monitoring Board

1998-2000 Editorial Board - *Graft*

1999 Knowledge Daily’s Advisory Board

1997-1998 Chairman Education Committee – AHPBA

1997-1998 Co-Chair ASTP Organ Donation Committee

1997-1998 Co-Chair ASTP Liver and Intra Abdominal Organ Committee

1997-1999 President, International Liver Transplantation Society

1998-1999 Co-Chair ASTS/ASTP Post-Transplant Lymphoproliferative Diseases

1999-2000 AST Xenotransplantation Committee

1999 External Referee, British Columbia Health Research Foundation

1997- Board of Directors, Americans for Medical Progress

2000-2004 Editorial Board - *Liver Transplantation*

1999- Editorial Board - *Medscape Transplantation*

2000 Editorial Peer Review Board - *JAMA*

2000-2001 Region 2 Special Case Liver Review Board Member

2000- Editorial Board - *Journal of the American College of Surgeons*

2001-2003 National Institute of Health Recombinant DNA Advisory Committee

2001-2003 International Advisory Board - *Annals of the College of Surgeons of Hong Kong*

2001-2002 AST Liver and Intra-Abdominal Organ Committee

2001-2010 Co-chair, ASTS Reimbursement Committee

2001-2003 AASLD Surgery and Liver Transplantation Committee

2001-2003 Editorial Committee - *Hepatobiliary and Pancreatic Diseases International*

2002-2008 Councilor - The Transplantation Society

2001-2003 ATC Planning Committee

2003- Editorial Board - *Transplantation*

2003- International Advisory Board - *Saudi Journal of Kidney Diseases and Transplantation*

2004-2008 Chairman - Membership Committee, Transplantation Society

2005-2009 Editor – *Liver Transplantation*

2006-2007 ASTS Development Committee

2007-2008 Elected member - AASLD Nominating Committee

2008-2012 Secretary – The Transplantation Society

2008-2010 Chair, ASTS Reimbursement Committee

2009-2012 Veterans Administration Merit Review Study Section

2009- Associate Editor - *Immunotherapy*

2009-2015 Chair, Publication and Presentation Sub-committee UO1 NIH HIV Transplant study

2010-2012 Region 10 elected representative to UNOS Liver and Intestine Committee

2010- Editorial Board – *International Journal of Organ Transplantation Medicine*

2010-2014 Editorial Board - *Liver Transplantation*

2010-2019 Advisory Committee on Organ Transplantation – Secretary of DHHS

2011-2012 AST Annual Scientific Exchange – Organizing Committee

2012-2016 Treasurer – The Transplantation Society

2016-2020 Secretary – The Transplantation Society

2020-2022 Vice-President – The Transplantation Society

2022-2024 President-Elect – The Transplantation Society

2016- Medical Advisory Board – Gift of Hope OPO

2017- Editorial Board – *Korean Journal of Transplantation*

2017 Department of Defense – Congressionally Directed Medical Research Programs – Reconstructive Transplant Research Program Study Section

2018 Department of Defense – Congressionally Directed Medical Research Programs – Gastroenterology Research Program Study Section

2019 Department of Defense – Congressionally Directed Medical Research Programs – Intestinal Transplant Research Program Study Section – Chairman

2021- American College of Surgeons Faculty Research Fellowship Committee Reviewer

2022- University of Chicago Alumni Senate - member

2023- International Consultant on the China Organ Transplant Response System (COTRS) Scientific Committee

2023- Trustee – Thomas Jefferson University

2024-2026 President – The Transplantation Society

**PROFESSIONAL SOCIETIES (Year)**

National Board of Medical Examiners Diplomate 1982

American Medical Association 1983

American College of Surgeons Candidate Group 1988

Association of Academic Surgery 1988

University of Rochester Organ Transplant Task Force 1988

Allegheny County Medical Society 1989

American Society for Histocompatibility and Immunogenetics 1989

Transplant Society of Australia and New Zealand 1990

Member of University of Pittsburgh Transplant Council 1990

American Liver Foundation 1990

American College of Surgeons Associate Fellow 1990

American Society of Transplant Surgeons (ASTS) 1991

Commonwealth of Pennsylvania, Department of Health

Organ Transplant Task Force 1991

Society of University Surgeons 1992

Surgical Biology Club 1992

The Transplantation Society (TTS) 1993

International Liver Transplant Society (ILTS) 1993

Cell Transplant Society 1993

American Society of Transplant Physicians (ASTP, AST) 1995

American Hepato-Pancreato-Biliary Association (AHPBA) 1995

American Association Study of Liver Diseases (AASLD) 1995

American College of Surgeons Initiate Fellowship (FACS) 1996

American Surgical Association (ASA) 1998

Cleveland Surgical Society 2004

Ohio State Organ Transplant Consortium 2004

National Organ Transplant Committee 2009

Ministry of Health Peoples Republic of China

Advisory Committee on Organ Transplantation (ACOT) 2010

Health Resources and Services Administration

Fellow of the American Association for the Study of Liver Disease 2014

(FAASLD)

Society of Asian American Surgeons (SAAS) 2015

Fellow of the American Society of Transplantation 2016

Society for Surgery of the Alimentary Tract (SSAT) 2019

**JOURNAL REVIEWER**

**(for list of recent review activity, see:** [**https://orcid.org/0000-0002-3038-0441**](https://orcid.org/0000-0002-3038-0441)**)**

American Journal of Physiology

American Journal of Transplantation

American Journal of Surgery

Annals of Surgery

Annals of Translational Medicine

Annals of Transplantation

Archives of Surgery

British Journal of Surgery

British Medical Journal

Canadian Journal of Gastroenterology and Hepatology

Cancer Medicine

Cancer Reports

Carcinogenesis

Case Reports in Anesthesiology

Case Reports in Gastrointestinal Medicine

Catheterization and Cardiovascular Interventions

Clinical Transplantation

Clinics

Digestive Diseases and Sciences

European Surgical Research

Experimental and Clinical Transplantation

Hepatology

Hepatology Communications

Hepatobiliary and Pancreatic Diseases International

Hepatobiliary Surgery and Nutrition

HPB International

Immunotherapy

Inernational Immunopharmacology

International Journal of Clinical Practice

Journal of the American College of Surgeons

Journal of the American Medical Association

Journal of Anesthesia and Clinical Care

Journal of Clinical Laboratory Analysis

Journal of Clinical and Translational Research

Journal of Clinical Medicine

Journal of Hematology and Oncology

Journal of Hepatology

Journal for Immunotherapy of Cancer

Journal of International Medical Research

Journal of Organ Transplantation

Journal of Pediatric Surgery

Journal of the National Comprehensive Cancer Network

Journal of Surgical Research

Korean Journal of Transplantation

Liver Transplantation

Nature

New England Journal of Medicine

OMB Transplantation

Oncology

Oncotarget

Oncotherapy

Pediatric Transplantation

Saudi Medical Journal

Surgery

Therapeutics and Clinical Risk Management

Transplantation

Transplantation Direct

Transplant International

Xenotransplantation

**EDUCATION**

*Undergraduate programs:*

1997 Project Course for Undergraduate Carnegie Mellon University Students on the Organ Transplant System

*Graduate programs (Ph.D.):*

1990 PhD Committee for Yolanda Colson MD, PhD - University of Pittsburgh, Immunology

1991 PhD Committee for Susan Saidman, PhD - University of Pittsburgh, Immunology

1995 PhD Advisor for Ngoc Thai, MD, PhD - University of Pittsburgh, Immunology

1996 PhD Committee for William Irish, PhD - University of Pittsburgh, Biostatistics

2000 External Examiner for PhD thesis of Chung Mao Lo, MD, PhD - University of Hong Kong

2009 External Examiner for PhD thesis of Cheng Qiao, PhD – University of Hong Kong

2007-2009 Research Mentor for AST/Wyeth Basic Science Fellowship Grant of Samiksha Bansal, MD - Cleveland Clinic

2009-2011 Research Mentor for Crile Fellowship of Ronald Charles, MD - Cleveland Clinic

2012-2014 PhD Committee for Samantha Bhutt MD, PhD – Case Western Reserve University, Immunology

2013-2015 Research Mentor for Crile Fellowship and ASTS Scientist Scholarship of Daniel Joyce, MD - Cleveland Clinic

2014 External Examiner for PhD thesis of Pradeep Bhatu Patil, PhD – University of Gottenburg

2014-2016 Research Mentor for the Howard Hughes Medical Institute Medical Fellows Program of Daniel Firl, Medical Student - Cleveland Clinic, Harvard

*MD:*

(a) Didactic

University of Pittsburgh

1992-2002 Teacher, Human Body Course group demonstration session – 4th Year Medical Students

1997-2003 Instructor, Digestion and Nutrition Course, Case Workshop “Complications of Cirrhosis - Second Year Medical Students

1998-2003 Introduction to Being a Physician Course

1997-2004 Surgical Integrated Life Sciences Course

1998-2003 First Year Medical School Immunology Course

Case Western Reserve University/Cleveland Clinic Lerner College of Medicine

2005-2010 Third Year Surgery Clerkship – Lectures on Portal Hypertension and Liver Disease

2004-2016 Intern Lecture - Transplant Immunology

Course Director

1991-2010 Annual Transplant Fellows Conference

1990-2004 Controversies in Transplantation - University of Colorado

National Defense University

1997-1999 Industrial Studies Program of the Industrial College of the Armed Forces

*Graduate medical education (residency and clinical fellowships):*

1989-2004 Director, Fellowship Program in Transplantation Surgery, University of Pittsburgh

2005-2011 Director, Fellowship Program in Transplantation Surgery, Cleveland Clinic

**CLINICAL**

1987-1988 Director of Histocompatibility Testing, Strong Memorial Hospital, University of Rochester, Rochester, NY

1989-2004 Children’s Hospital of Pittsburgh, Medical Staff Appointment, Active Staff

1990-2004 University of Pittsburgh Medical Center - Medical Staff Appointment, Active Staff

1991-1992 Pharmacy and Therapeutics Committee, Presbyterian University Hospital, Pittsburgh, PA

1991-2004 Chief, Division of Transplantation Surgery, Thomas E. Starzl Transplantation Institute, University of Pittsburgh, Pittsburgh, PA

1993-2004 Veterans Affairs Medical Center, Medical Staff Appointment, Active Staff

1991-1993 Medical Staff Quality Improvement Committee, Presbyterian University Hospital, Pittsburgh, PA

1992-1993 Operating Room Committee, Presbyterian University Hospital Medical Staff, Pittsburgh, PA

1995 Presbyterian University Medical Center Medical Staff Combined Clinical Care Committee, Pittsburgh, PA

2002-2004 Interim Medical Director, ISMETT, University of Pittsburgh Medical Center, Palermo, Sicily

2004-2016 Cleveland Clinic Main Campus- Medical Staff Appointment, Active Staff

2006-2011 Euclid Hospital - Medical Staff Appointment, Active Staff

2009-2011 Huron Hospital - Medical Staff Appointment, Active Staff

2009-2015 Hillcrest Hospital – Medical Staff Appointment, Consultant Staff

2015-2016 Hillcrest Hospital – Medical Staff Appointment, Active Staff

2010-2012 Fairview Hospital – Medical Staff Appointment, Consultant Staff

2004-2012 Director, Transplant Center, Cleveland Clinic, Cleveland, OH

2010-2015 Chairman, Digestive Disease Institute, Cleveland Clinic, Cleveland, OH

2013-2016 Cleveland Clinic Florida - Medical Staff Appointment, Active Staff

2015-2016 Broward General Hospital – Medical Staff Appointment, Consultant Staff

2015-2016 Director, Cleveland Clinic Health System Center for Transplantation, Cleveland Clinic Health System, Cleveland OH

2016-present Co-Director, UChicago Medicine Transplantation Institute, University of Chicago, Chicago, IL

2016-2023 Chief, Section of Transplantation Suergery, University of Chicago, Chicago, IL

**SERVICE**

**Cleveland Clinic**

2004-2006 Academic Council – Cleveland Clinic Foundation

2004-2016 Transplant Center Council - Cleveland Clinic Foundation

**ACADEMIC INTERNAL REVIEWS:**

July 31, 2009 Cleveland Clinic – Department of Orthopedic Surgery Residency

November 6, 2009 Cleveland Clinic – Department of Plastic Surgery Fellowship

February 22, 2010 Cleveland Clinic – Hand Surgery Fellowship

March 19, 2010 Cleveland Clinic – Department of Colorectal Surgery Fellowship

August 27, 2010 Cleveland Clinic – Department of Vascular Surgery Residency

January 11, 2011 Cleveland Clinic – Department of Cardiothoracic Surgery - Fellowship

**UPMC**

2003-2004 UPMC Diversity Committee

**OTHER**

1989-2004 Director of Transplantation Research, Thomas E. Starzl Transplantation Institute, University of Pittsburgh, Pittsburgh, PA

**Extramural (not indicated above)**

*Leadership roles:*

President – Pittsburgh Celebrity Hockey Team - completed

*Other:*

Consultant to Office of the Coroner, Allegheny County - completed

Board of Advisors, Amen Corner, Pittsburgh, PA - completed

Center for Organ Recovery and Education Board of Directors - completed

President, Pittsburgh Celebrity Hockey Team - completed

Family House Board of Directors – completed

UNOS Region 2 – Liver Committee – completed

UNOS Region 2 – Membership and Professional Standards Committee – completed

UNOS Region 2 – Councillor - completed

LifeBanc Board of Directors - completed

Americans for Medical Progress Board of Directors - ongoing

Ohio State Organ Transplant Consortium – completed

UNOS Region 10 – Liver and Intestine Committee – completed

UNOS Region 10 – Vascularized Composite Allograft Committee – completed

Gift of Hope Medical Advisory Board – ongoing

Thomas Jefferson University Board of Trustees - ongoing

**ACADEMIC EXTERNAL REVIEWS:**

March 10, 2004 University of Hong Kong – Hong Kong Health Authority

November 14, 2004 University of Rochester – Liver Transplant Program

September 30, 2005 University of Miami – Multiorgan Transplant Program

June 20, 2007 University of Western Ontario – Multiorgan Transplant Program

September 26, 2007 University of Toronto – Multiorgan Transplant Program

October 26, 2007 University of Rochester – Liver Transplant Program

March 24, 2008 University of Texas, Houston – Liver Transplant Program

April 11, 2008 Ohio State University – Transplant Center

April 10, 2009 West Penn Allegheny Health System – Liver Transplant Program

April 1-2, 2010 University of Arizona – Department of Surgery

March 6, 2012 Albert Einstein Medical Center – Transplant Program

January 27-28, 2013 Global Hospital, Chennai India – Liver Transplant Program

December 2-3, 2018 University of Toronto – Multiorgan Transplant Program

**SCHOLARLY ACTIVITY STATEMENT**

For the past 35 years, I have been involved in many aspects of organ transplantation – clinical delivery, donor management, analysis of outcomes, clinical trials, basic science immunobiology research, transplant policy, and transplant ethics. I was fortunate to become involved in transplantation at a time where the need was great, the opportunities were plentiful and where advances had major impact in patient care and understanding of transplant biology.

My basic transplant immunology research is an extension of my PhD work in immunity, namely tolerance - my laboratory has been involved in the study of hepatic immunology, including the regulatory pathways that are associated with liver allograft rejection and tolerance. My interest in transplant immunobiology has been applied at two levels: 1) work in clinical immunosuppressive drug development trials beginning with the clinical introduction of OKT3 in cyclosporine-based regimens, continuing on with the clinical application of tacrolimus, then of thymoglobulin lymphoid depletion and everolimus maintenance protocols to minimize long-term side effects of calcineurin inhibitors; and 2) serving as the Laboratory Director for the Histocompatibility Laboratory at the University of Rochester and more recently, serving as the Medical Director for Allogen Laboratories, one of the largest histocompatibility labs in the United States.

My conributions to the surgical field of transplant surgery have included the development of portocaval hemitransposition as a means to transplant patients with portomesenteric venous thrombosis; developed improvements in organ preservation including machine preservation; understanding the pathophysiology of the small-for-size graft in living donor liver transplantation; and then optimizing the use of non-heart beating donors with the use of thrombolytic agents. In addition, I have played a major role in expanding the indications for patients thought to have conditions that were contraindications for liver transplantation, such as HBV+ recipients for which HBIG immunoprophylaxis protocols were designed, as well as organ transplantation for HIV positive patients for which the safety and efficacy of transplantation, immunosuppression (including drug-drug interactions), management of infectious complications were proven.

At a public policy level, I worked alone in a decades-long battle, to gain acceptance of more fair UNOS policies of organ allocation, which eventually resulted in the 1997 DHHS Final Rule. I have also worked with the Ministry of Health in the People’s Republic of China, to advance the practice of liver transplantation, as well as to provide a moral compass to the utilization of decesased and living donors in that country. As a long-standing member of the Executive Committee of the Transplanation Society (TTS), the international transplant organization, I have also been involved in advancing the agenda of the World Health Organization (for which TTS is the NGO representative to the WHO), in promoting ethical transplant practices around the world - I have a great appreciation for the global issues in transplantation, having served as the Interim Medical Director for the Istituto Mediterrraneo dei Trapianti e delle Terapie ad Alta Specializzazione, a joint project between the Government of Sicily and the University of Pittsburgh, as well as having performed transplants in many countries.

In addition, with over 1,200 published manuscripts and 100 chapters, I have a keen appreciation for the need to advance knowledge, from serving on the Graduate Medical Education Committee at the Cleveland Clinic, serving as the American Society of Transplant Surgeons Transplant Fellowship Program Director in the past and serving as an editoral board member of multiple high impact journals, including being the Editor-In-Chief of ***Liver Transplantation***, with the highest impact factor of any organ-specific transplant journal.

Finally, I have been involved in initiating, supporting, developing and consulting with transplant programs around the world - Palermo, Italy (ISMETT); Hong Kong, PRC (University of Hong Kong); Toronto, Canada (University of Toronto); Weston, FL (Cleveland Clinic Florida); Pittsburgh, PA (Veterans Administration Medical Center) and Lima, Peru ([Hospital de Emergencias Pediátricas](https://www.facebook.com/HospitalEmergenciasPediatricas/)). This experience has allowed me to conceptualize a structure for the newly formed University of Chicago Medicine Transplantation Institute. This reorganization has encompassed: creation of a dedicated abdominal transplant nursing unit with trained nursing staff; recruitment of dedicated liver transplant anesthesiologists; development of a multidisciplinary liver tumor clinic; reinitiation of the transplant surgery fellowship program; reinitiation of living donor liver transplantation; initiation of donation after cardiac death liver transplantation; introducing hypothermic and normothermic machine preservation; and implementation of clinical carepaths, resulting in reduction of length-of-stay by 70% and reduction of cost-per-case by 60%; tripling of contribution margins, achieving return-on-investment of 121%. During the remainder of my time as Co-Director of the UCM Transplantation Institute. I will focus on: insuring stability and development of transplant surgery faculty; increasing lines of referrals through outreach and creation of unique programs to attract patients to enhance the transplant wait list; creation of a clinical research database to assess performance and outcomes; enhance the academic profile of the UCM Transplant Institute; and achieve ties with the research community at the University of Chicago and elsewhere.

In summary, I believe that the depth of my experiences, my dedication to the field of transplantation and the innovations that I have contributed to, has demonstrated a sustained level of contribution over a long period of time, which has significantly influenced the science and practice of transplantation. I look forward to furthering my role in global transplant affairs and to continuing to contribute to the science and knowledge in transplantation.

*(c) EXEMPLARY PEER-REVIEWED PUBLICATIONS*

**#1**

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| --- |
| Jain AB, Marcos A, Pokharna R, Shapiro R, Fontes PA, Marsh W, Mohanka R, Fung JJ. **Rituximab (chimeric anti-CD20 antibody) for posttransplant lymphoproliferative disorder after solid organ transplantation in adults: long-term experience from a single center.** Transplantation. 80(12):1692-8, 2005 |
| Major finding: This was a sentinel paper describing the use of an anti-B cell antibody, Rituximab for front line treatment of PTLD. |
| Roles of authors: Jain was the primary author who collected the data. Fung was the senior author who conceived of the treatment algorithm and wrote the paper |

**#2**

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| --- |
| Neff GW, Bonham A, Tzakis AG, Ragni M, Jayaweera D, Schiff ER, Shakil O, Fung JJ**: Orthotopic liver transplantation in patients with human immunodeficiency virus and end-stage liver disease.** Liver Transpl 9(3):239-247, 2003. |
| Major finding: Patients with HIV and end-stage liver disease could safely undergo liver transplantation in spite of the complexities of drug-drug interactions without worsening of HIV |
| Roles of authors: Neff was the coordinating author, Fung was the conceptual designer of the application of liver transplantation for HIV positive patients in liver failure. |

**#3**

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| --- |
| Kelly D, Zhu X, Shiba H, Irefin S, Trenti L, Cocieru A, Quintini C,. Diago-Uso T, Nakagawa S, Fung J: **Adenosine restores the hepatic artery buffer response and improves survival in a porcine model of the small-for-size syndrome.** Liver Transpl, 15:1448-57, 2009 |
| Major finding: The pathophysiology of small-for-size syndrome (SFSS) was described using a porcine model. The hepatic artery buffer response and depletion of adenosine is responsible for reduction of hepatic artery flow in hyper-perfused portal hypertension |
| Roles of authors: Kelly was the experimental surgeon, Fung was the designer of the study and conceptualized the concept of a mediator responsible for hepatic artery flow. |

**#4**

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| --- |
| Siemionow M, Papay F, Djohan R, Bernard S, Gordon CR, Alam D, Hendrickson M, Lohman R, Eghtesad B, Fung J: **First US near-total human face transplantation – a paradigm shift for massive complex injuries.** Plast Reconstr Surg, 125(1):111-22, 2010. |
| Major finding: The first complex facial transplant in humans was described in this paper. |
| Roles of authors: Sieminonow was the conceptualizer of the study, Fung was the logistical and coordinating transplant physician involved in this protocol. |

**#5**

|  |
| --- |
| Charles R, Lu L, Qian S, Fung JJ: **Stromal cell-based immunotherapy in transplantation.**  Immunotherapy, 3(12):147-85, 2011 |
| Major finding: This paper summarizes the 10 year efforts at understanding the immunologic basis for liver allograft tolerance. |
| Roles of authors: Charles was the trainee author, Fung was lab director and senior author. |