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**ROBERT A. MONTGOMERY, M.D., D.Phil., F.A.C.S**

**H. Leon Pachter Chair and Professor of Surgery, NYU Langone Health**

**Director, NYU Langone Transplant Institute**

Office

NYU Langone Transplant Institute

550 First Avenue, HCC 12

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Married: Denyce Graves, Opera Singer

Children: Ella, Max, John, Elizabeth

**CURRENT AND PREVIOUS LEADERSHIP POSITIONS, EDUCATION, TRAINING, AND STEWARDSHIP**

SCOPE OF CURRENT POSITION

**H. Leon Pachter, MD Professor and Chair of Surgery (September 2020-present)**

As the Chairman of Surgery for NYU Langone Health and the Bellevue and VA hospitals, I oversee about 175 faculty members and 300 staff across 5 campuses in Manhattan, Brooklyn and Long Island. Surgery is responsible for a positive annual contribution margin of $175 million. During my tenure, we have created 3 new divisions and recruited approximately 70 faculty members including luminaries in hepatobiliary and pancreatic cancer surgery, colorectal/inflammatory bowel disease and liver cancer surgery. We have more than doubled our general surgery volume from 11,000 in 2019, to 26,000 cases per year in 2023. Our surgical residency program which was consistently ranked #23 by Doximity, increased to #13 in 2022. In the US News and World Report rankings for Medical Schools, the NYU Department of Surgery has risen from #21 in 2022, to #9 in 2024.

**Director, NYU Langone Transplant Institute (February 2016-present)**

As the architect and inaugural director of the Transplant Institute, I report to the Dean/CEO and oversee the clinical and research operations for all solid organ transplant programs. This involved creating a new paradigm in which the organization and governance of the transplant enterprise is aligned with the modern clinical practice of transplantation, namely, the Institute has a medical/surgical multidisciplinary faculty that reports to the Director rather than individual departments. During my tenure, we have had a vast expansion of transplantation services with a contribution margin of $35 million and the creation of new lung and heart transplant programs, pediatric kidney, heart, lung, and liver programs, expansion of the allogeneic bone marrow transplant program with the recruitment of 20 new faculty members. Between 2020-22, the heart and kidney programs were ranked #1 three times and two times in the nation, respectively, by the SRTR scoring system that includes such metrics as time to transplant and patient and organ outcomes. For the most recent SRTR reporting period, our lung and kidney programs were ranked #1 in the Nation. In 7 years, NYU has ascended from the second lowest volume of the 15 transplant centers in New York to the largest. We have over 30 faculty members and 127 staff. We performed 600 organ transplants in 2023; up from 48 in 2015.

PREVIOUS LEADERSHIP POSITIONS

Chief, Division of Transplantation, Department of Surgery, The Johns Hopkins Hospital

Director, The Comprehensive Transplant Center, The Johns Hopkins Hospital Director, Incompatible Kidney Transplant Program, The Johns Hopkins Hospital

Director of The Multi-Organ Transplant Fellowship, The Johns Hopkins Hospital

SCOPE OF PREVIOUS LEADERSHIP POSITIONS

**Chief, Division of Transplantation**, **Johns Hopkins Hospital (2003-January 2016):**

The Division of Transplantation in the Department of Surgery has 11 full-time faculty members and support staff with an annual budget of $6.5 million. In my role as Chief, I was responsible for the fiscal performance of the section, strategic planning and vision including implementing the tripartite mission of the institution (research, patient care, teaching), directing the clinical and basic science transplant core research laboratory, overseeing 2 fellows, 8 nurse practitioners, residents and medical students rotating on the service, safety and regulatory matters, outcomes and patient satisfaction.

**Director, Comprehensive Transplant Center, Johns Hopkins Hospital (2004-2016):**

The Director of the Comprehensive Transplant Center (CTC) reports to a Board of Directors, which is made up of key leaders from the Hospital, University and CEO/Dean’s office. In this position, I oversaw the entire solid organ transplant enterprise (abdominal and cardiothoracic) at Johns Hopkins, which had an annual expense budget of $33.8 million dollars. The Director reports directly to the Hospital President on all clinical and operational matters involving the transplant center and is responsible for strategic planning, budgeting and financial performance, regulatory compliance, quality assurance, safety, and human resources.

**Director, Incompatible Kidney Transplant Program (2001-January 2016):**

In 2001, we brought together a diverse multidisciplinary team from the Departments of Surgery, Medicine, and Pathology to create the first program in the country dedicated to meeting the needs of renal transplant candidates with incompatible live donors through innovation and specialized care. During my tenure, we transplanted over 700 patients using desensitization and kidney paired donation modalities that our team had developed. The program served as an incubator for discovery and was been responsible for many “firsts” in this emerging field as well as 85 peer reviewed publications (5 in the New England Journal of Medicine, 2 in JAMA, 1 in The Lancet). The patients in the program brought over $220 million dollars of new revenue to the hospital.

EDUCATION

1978-1982 **St. Lawrence University,** Canton, NY.

 Bachelor of Science with Honors in Biology.

 Magna Cum Laude

1983-1987 **University of Rochester School of Medicine,** Rochester, NY.

 Doctor of Medicine with Honor.

1989-1992 **Balliol College, University of Oxford**, Oxford, England.

Doctor of Philosophy (Molecular Immunology).

Fulbright Scholar.

POST-GRADUATE TRAINING

1987-1989 Intern and Assistant Resident in Surgery, The Johns Hopkins Hospital.

1992-1994 Resident in Surgery, The Johns Hopkins Hospital.

1994-1995 Chief Resident in Surgery, The Johns Hopkins Hospital.

1995-1997 Postdoctoral Fellow in Human Molecular Genetics, Johns Hopkins SOM

1997-1999 Fellow in Transplantation Surgery, The Johns Hopkins Hospital.

ACADEMIC APPOINTMENTS

1990-1992 Clinical Lecturer in Surgery, University of Oxford.

1995-1997 Assistant in Surgery, Johns Hopkins University.

1997-1999 Instructor in Surgery, Johns Hopkins University.

1999-2002 Assistant Professor, Department of Surgery, Johns Hopkins University.

2002-2009 Associate Professor, Department of Surgery, Johns Hopkins University.

2008-2016 Inaugural Recipient of the Margery K. and Thomas Pozefsky Professorship in Kidney Transplantation, Johns Hopkins University.

2009-2016 Professor of Surgery, Department of Surgery, Johns Hopkins University.

2016-present Professor of Surgery with Tenure, Academic Track, NYU University.

CLINICAL LEADERSHIP POSITIONS PAST and PRESENT:

H. Leon Pachter Professor and Chair of Surgery, NYU Langone Health.

Director, NYU Langone Transplant Institute, NYU Langone Health.

Chief, Division of Transplantation, Johns Hopkins Medicine, Department of Surgery.

Director, Incompatible Kidney Transplant Program.

UNOS Designated Surgical Director, Liver Transplant, Johns Hopkins Hospital.

UNOS Designated Surgical Director, Renal Transplant, Johns Hopkins Hospital.

UNOS Designated Surgical Director, Pancreas Transplant, Johns Hopkins Hospital.

Director, The Comprehensive Transplant Center, Johns Hopkins Hospital.

Director of The Multi-Organ Transplant Surgery Fellowship, Johns Hopkins Hospital.

# LICENSURE AND CERTIFICATIONS:

1987-1988 New York Medical License

1995-present Maryland Medical License

2016-present New York Medical License (# 175588-1)

1996-present American Board of Surgery Certified

CONSULTING AND BOARD POSTIONS

Board Member, Denyce Graves Foundation.

Medical Advisory Board for Hansa Medical.

Lead strategist for Recombinetics Regenerative Medicine Division, Regenevida.

Lead Medical Advisor, Quhan Bio (a subsidiary of eGenesis).

University of Rochester School of Medicine and Dentistry National Council (2015-2019).

LiveOnNY Organ Procurement Organization Board of Directors (2019-2023).

STEWARDSHIP

Stewarded $6.2 million dollars in endowed and current use gifts while at Johns Hopkins University.

Endowed Professorships at Johns Hopkins:

Margery K. and Thomas Pozefsky Professorship in Kidney Transplantation.

The Bauer Foundation Transplantation Research Professorship.

LEADERSHIP TRAINING

Johns Hopkins Leadership Development Program 2012-2013.

**CLINICAL INNOVATIONS AND FIRSTS:**

LEAD THE TEAM RESPONSIBLE FOR THE FOLLOWING INNOVATIONS:

* World’s first successful pig-to-human kidney xenotransplant (September 25, 2021)
* Longest functioning gene edited pig-to-human kidney xenotransplant (September 2023)
* Conceived the Idea of the Domino Paired Donation (paired donation chains)
* Performed the First Chain of Transplants Started by an Altruistic Donor
* Created a Dedicated Incompatible Transplant Program
* Developed the Practice of Long Distance Live Donor Shipping of Kidneys
* First to Successfully Transplant Patients with Catastrophic Anti-Phospholipid Syndrome
* First to Use Complement Inhibition in Human Transplant Patients
* Performed the First Multi-Way Donor Swaps Including:
	+ 2-way domino paired donation
	+ 3-way paired donation
	+ 3-way domino paired donation
	+ 4-way paired donation
	+ 4-way domino paired donation
	+ 5-way domino paired donation
	+ 6-way domino paired donation
	+ 8-way multi-institutional domino paired donation
	+ 10-way open chain
* Demonstrated a Survival Advantage of Desensitization vs Dialysis
* First to Describe Combining Desensitization with Paired Donation

COLLABORATED IN MULTIDISCIPINARY INNOVATIONS

* Hopkins Desensitization Protocol
* First Description and Clinical Example of an Open Chain
* The Hopkins Bone Marrow and Kidney Transplant Tolerance Protocol
* Laparoscopic Donor Nephrectomy
* First NOTES Procedure for Vaginal Extraction of Donor Kidney

2010 Guinness Book of World Records: Most Kidney Transplants Performed in 1 Day

**RESEARCH ACTIVITIES:**

PATENTS

1. “Transplant organ external cooling system”. Inventor. U.S. Patent Appl. No. 09/788,309. US Patent No. 6,736,836 February 16, 2001.
2. “Use of anti-IL-6 antibody, e. g. clazakizumab for treatment/prevention of ARDS associated with coronavirus (COVID-19) infection” International Patent Application PCT/US2021/022838. September 23, 2021.

GRANTS AND CONTRACTS:

**CURRENT: Grant Support**

**1R61HL156890-01A1 Wall PI(Contact);  Montgomery PI**  **07/07/2022 – 07/06/2027**

*Transplanting Lungs from Uncontrolled Donation after Circulatory Death*

This is a clinical trial to assess the safety and efficacy of uncontrolled DCD lung donation using passive oxygen airway inhalation.

*Role: MPI*

**R44AI149979                               Zale (PI)                                            03/02/2020 - 02/28/2023**

*A Once-Weekly Oral Tacrolimus-Prednisone Fixed-Dose Combination Therapy for Post-Transplant Maintenance Immunosuppressive Therapy*

This involves the design of a clinical trial for a once-weekly controlled release oral dosage of an immuno-suppressant preparation with a release profile that could increase adherence and reduce side effects.

*Role: Consultant*

**1U01AI163087-01 Ali (PI)** **08/20/2021 - 05/31/2028**

*Autologous Chimeric Antigen Receptor Engineered T-cell Immunotherapy for Desensitization in Patients Awaiting Kidney Transplantation.*

This study uses CD19 and BCMA CAR-T cell therapy for desensitization of patients with CPRAs > 99.9% awaiting deceased donor kidney transplantation.

*Role: Co-PI*

**CURRENT: Contracts**

|  |
| --- |
| Single-Center Pilot Study of Living Donor Kidney Transplant from HIV-positive Donor to HIV-positive RecipientRole: Co-InvestigatorDates: 2019-Present |
|  |
| A Randomized, Open-Label, Multi-Centre, Active Control Study Investigating the Efficacy and Safety of Imlifidase in Eliminating Donor Specific Anti-HLA Antibodies in the Treatment of Active Antibody-Mediated Rejection in Kidney Transplant PatientsRole: PIDates: 2019-Present |
| A prospective, observational long-term follow up study of patients treated with imlifidase (IdeS) prior to kidney transplantation Role: PIDates: 2019-Present |
| A dose escalation and proof-of-concept study of REGN5459 or REGN5458 (BCMAxCD3 bispecific antibodies) for desensitization of chronic kidney disease patients in need of kidney transplantation that are highly-sensitized to Human Leucocyte AntigenRole: PIDates: 2020-Present |
| A non-interventional extension study for patients treated in study R5459-RT-1944 with REGN5459 or REGEN5458 (BCMAxCD3 bispecific antibodies [bsAbs]) that receive a kidney transplantRole: PIDates: 2020-Present |
| A single-center, proof of concept study of cross-circulation for COVID-19 critical illnessRole: PIDates: 2020-Present |
| Prospective observational study of HIV+ deceased donor transplant for HIV+ recipientsRole: Sub-InvestigatorDates: 2018-Present |
| National Survey of Protocol Renal Allograft Biopsy PracticesRole: Sub-InvestigatorDates: 2018-Present |
| HOPE in Action Prospective Multicenter, Clinical Trial of HIV+ Deceased Donor Kidney Transplants for HIV+ RecipientsRole: Sub-InvestigatorDates: 2018-Present |
| A Pivotal Phase 3 Trial to Evaluate the Safety and Efficacy of Clazakizumab for Treatment of Antibody-Mediated Rejection in Kidney Transplant RecipientsRole: National PI and local Sub-InvestigatorDates: 2019-Present |
| Prospective Multicenter, Clinical Trial of HIV+ Deceased Donor Liver Transplants for HIV+ RecipientsRole: Sub-InvestigatorDates: 2019-Present |
| A Phase 1b/2 study to evaluate the safety, pharmacokinetics, and preliminary efficacy of isatuximab (SAR650984) in patients awaiting kidney transplantationRole: Sub-InvestigatorDates: 2020-Present |
| A Prospective Case Series of SARS-CoV-2 Infection on Outcomes in Solid Organ Transplant RecipientsRole: Sub-Investigator Dates: 2020-Present |
| A single-center pilot study evaluating a preemptive short course of glecaprevir/pibrentasvir in hepatitis C positive to negative kidney transplantation Role: Sub-InvestigatorDates: 2020-Present |
| A open-label, randomized, controlled, phase 2 study to evaluate the safety and efficacy of PEGCETACOPLAN in the treatment of post-transplant recurrence of C3G or IC MPGNRole: Sub-InvestigatorDates: 2020-Present |
| A prospective, single center pilot study of post-COVID-19 vaccination and kidney allograft biomarker monitoringRole: Sub-Investigator Dates: 2021-Present |
| Studying Xenografts in Recently Deceased HumansRole: PIDates: 2020-Present |

PREVIOUS: Grant Support

* 1. Cytokine gene expression during T-cell ontogeny

 NRSA grant #5 F32 AI08481-01(02 IVP)

 NIH Individual Postdoctoral Research Award.

* 1. ICAM-1 gene inactivation protects against ischemic injury

NIH R01DK/GM 59548-01A1

Score: 4%

$1,231,250.00

PI; 35% effort

2002-2007 Strategies for silencing genes that potentiate ischemia/reperfusion injury

American College of Surgeons George H.A. Clowes, JR, MD, FACS Award

$200,000.00

PI; 10% effort

* 1. Enhance the utilization of extended criteria and non-heart beating donor kidneys

using pulsatile perfusion

HRSA Extramural Grant Program

$1,137,921.00

PI; 10% effort

2009-2012 Development of a national incompatible kidney transplant registry.

NIH 1RC1DK086731-01

Score: 1%

$609,385.00

PI; 35% effort

# 2012-2016 Bone marrow transplantation and high dose post-transplant cyclophosphamide for chimerism induction and renal allograft tolerance.

# Immune Tolerance Network ACCEPTOR ITN054ST

 $2,458,249.00

 Co-PI; 5% effort

2013-2018 Quantifying risk and survival benefit from incompatible kidney transplantation

 NIH/NIDDK: 1R01DK098431-01A1

Score: 4%

 $2,488,373.00

 Consultant; 10% expanded to 25% by year 5.

PREVIOUS: Contracts

A Randomized, Controlled, Multi-center, Safety and Efficacy Study of FCR001 Cell-based Therapy Relative to tacrolimus and Mycophenolate-based Regimen in De Novo Living Donor Renal Transplant Recipients, and Safety in FCR001 Donors (Freedom-1 Study) (Talaris)

Role: Site PI

Dates: 2022-Present

An open-label concentration controlled, randomized, 6-month study of standard Dose tacrolimus + sirolimus + corticosteroids compared to reduced dose tacrolimus + sirolimus + corticosteroids in renal allograft recipients.

Role: Principal Investigator

Establishment of a comprehensive transplant tissue bankFujisawa.

Role: Principal Investigator

Abrogation of humoral immune responses utilizing plasmapheresis/cytogam in positive crossmatch and ABO incompatible renal transplants.

Role: Principal Investigator

Open Label Prospective Randomized Study of Thymoglobulin versus Daclizumab Induction Therapies for the Reduction of Acute Rejection in Live Donor Kidney Transplant Recipients with a Positive Crossmatch.

Role: Principal Investigator

**A Randomized Double-Blind Placebo-Controlled Pilot Study to Evaluate the Safety and Effect of Cinryze™ for the Treatment of Acute Antibody-mediated Rejection in Recipients of Donor-specific Cross-match Positive Kidney Transplants.**

Role: Principal Investigator

**A Randomized, Open-label, Multicenter Trial to Determine Safety and Efficacy of Eculizumab In The Prevention Of Antibody Mediated Rejection (AMR) In Living Donor Kidney Transplant Recipients Requiring Desensitization Therapy.**

Role: National Principal Investigator

**Eculizumab to Enable Renal Transplantation in Patients with History of Antiphospholipid Antibody Syndrome or Catastrophic Antiphospholipid Antibody Syndrome. Alexion: Investigator initiated single-center trial.**

Role: Principal Investigator

A phase II study to evaluate the efficacy of IdeS (IgG endopeptidase) to desensitize transplant patients with a positive crossmatch test**.**

Role: International Principal Investigator

A Phase 2a, Randomized, Open-Label, Active Control, Multi-Center Study to Assess the Efficacy and Safety of Bleselumab in Preventing the Recurrence of Focal Segmental Glomerulosclerosis in de novo Kidney Transplant Recipients

Role: Sub-Investigator

A double-blind, randomized-withdrawal, placebo-controlled study to evaluate the efficacy and safety of human plasma-derived C1-esterase inhibitor as add-on to standard of care for the treatment of refractory antibody mediated rejection in adult renal transplant recipients

Role: Sub-Investigator

A randomized double-blind placebo-controlled study to evaluate the efficacy and safety of CINRYZE® (C1 esterase inhibitor [human]) for the treatment of acute antibody-mediated rejection in kidney transplant patients

Role: National Principal Investigator

Tocilizumab for the treatment of acute hypoxic respiratory failure associated with COVID-19

Role: Co-Investigator

**RECOGNITION**

HONORS, AWARDS AND DISTINCTIONS

St. Lawrence University:

 1978 Laurentian Scholar.

 1980 Charles A. Dana Scholar.

 1982 Phi Beta Kappa Academic Honor Society.

1982 Thomas J. Watson Fellow (1982-1983 Africa).

1999 Alumni Citation for Distinguished Achievement.

2007 Honorary Doctor of Science

University of Rochester School of Medicine:

 1987 Alpha Omega Alpha Medical Honor Society.

The University of Oxford:

1. Fulbright Scholar.

1989 American College of Surgeons Scholar.

 1990 Overseas Student Research Scholarship.

 1991 Research Scholar of the British and American Heart Foundations.

The Johns Hopkins University School of Medicine:

 1991 George D. Zuidema Research Award.

1. Anthony L. Imbembo Surgical Residents Teaching Award.

1995 American College of Surgeons Faculty Fellowship.

1. American Society of Human Genetics Postdoctoral Basic Science Award.

1999 Johns Hopkins Clinician Scientist Award.

1. William F. Rienhoff, Jr., MD Endowed Fellowship.

2000 American Society of Transplant Surgeons: Fujisawa, USA Faculty Development Award.

2002 American College of Surgeons George H.A. Clowes, MD, FACS Award

2007 National Kidney Foundation of Maryland: Champion of Hope Award.

 2013 Terasaki Medical Innovation Award.

New York University:

 2019 Greater New York Hospital Association, Profile in Courage Award.

 2021 Named Newsweek Magazine’s “Top 50, America’s Greatest Disruptors”

 2022 Liberty Science Center’s Genius Award.

 2022 Modern Healthcare “Top 25 Innovators in Healthcare”.

 2022 American Society for Histocompatibility and Immunogenetics Paul I. Terasaki Clinical Science Award.

 2022 American Association of Kidney Patients Medal of Excellence Award.

 2023 Chevalier of the Order of Merit (Ukraine) awarded by President Volodymyr Zelenskyy.

 2023 National Academy of Medicine

**ORGANIZATIONAL ACTIVITES**

# SOCIETY MEMBERSHIPS

# 1999 Association for Academic Surgery

1999 The American Society of Transplant Surgeons

2000 The Society of University Surgeons

2003 Fellow of The American College of Surgeons

2006 International Pediatric Transplant Association

2007 The Transplantation Society

2007 Canadian Society of Transplantation

2013 American Surgical Association

2013 Halsted Society

 Surgery Biology Club II

# NATIONAL and REGONAL COMMITTEES

2000 Live Donor Consensus Conference. Kansas City, MO. (Consensus statement on the live donor. JAMA 284(22): 2919-2926).

2002 Co-director: 1st Antibody Working Group. Establishing guidelines for the field of antibody-mediated transplant rejection. Houston, February 2002.

2003 Co-director: 2nd Antibody Working Group. Establishing guidelines for the field of antibody-mediated transplant rejection. Phoenix, February 2003. (Consensus opinion published in *Transplantation.* 78(2):181-5.)

2003 Project leader: NIH Consensus Conference on Humoral Rejection. Washington, April 2003. (National conference to assess antibody-mediated rejection in solid organ transplantation *Am J Transplant*. 4(7):1033-41).

1. OPTN/UNOS Histocompatibility Committee
2. Co-director: Nondirected Donation. Establishing guidelines for the evaluation and allocation of nondirected donors and organs, Seattle, October 2004
3. Director: Kidney Paired Donation Consensus Meeting. Creating a blueprint for the expansion of paired donation and the role of a national matching program. Chicago, 2005.
4. UNOS Paired Kidney Donation Committee, Chicago.

2007-2012 Board of Directors, Living Legacy Foundation OPO, Baltimore, MD.

2011-2012 Steering Committee for the Establishment of a UNOS National Kidney Paired Donation Program.

2017-2020 Vice President, NYKidney Consortium.

2018-present ASTS Living Donor Committee.

2019 AST CEoT Program Committee.

2019-2022 ATC Program Committee.

2019-2023 LiveOnNY Organ Procurement Organization Board of Directors.

2024-present ASTS Council Member

PROGRAM ORGANIZER

2017 International Xenotransplantation Association (IXA 2017) - Hyperimmunized / ABOi Pre-Meeting Symposium (Program Chair).

2018 TTS 2018-Kidney Track Co-Chair.

# AD HOC REVIEWER

 New England Journal of Medicine

Journal of the American Medical Association

The Lancet

Transplantation

 American Journal of Transplantation

Transplantation

 Journal of Urology

**MENTORING** (Pre-and Post-doctoral)

2000-2004: Daniel S. Warren, PhD –Johns Hopkins University, School of

 Medicine

 -Postdoctoral Research Fellow

2000-2003: Christopher J. Sonnenday, MD –Johns Hopkins University,

 School of Medicine

 -Postdoctoral Research Fellow

 -NIH Basic Scientific Training Grant for Gastrointestinal Surgeons

 -Young Investigator’s Award. The 2nd International Congress on

 Immunosuppression, SanDiego, CA, December 2001

2000-2002: Matthew Cooper, MD –Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2001-2003: Seth Karp, MD –Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2001-2003: Ed Falta, MD –Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2001-2002: Aerik Williams, MD –Johns Hopkins University, School of

 Medicine

 -Medical Student Predoctoral Fellow

 -NIH PA-99-104 R01 Research Supplement

2002-2004: Alan Hawxby, MD –Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2003-2004: Geoff Allen –Johns Hopkins University, School of Medicine

 -Medical Student Predoctoral Fellow

2003-2005: Tomasz Kozlowski, MD – Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2003-2004: Raghu Chivukula –Johns Hopkins University, School of Medicine

 -Medical Student Predoctoral Fellow

2004-2006: Dorry L. Segev, MD –Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

 -American Society of Transplant Surgeons Scholar

2004-2006: Christopher E. Simpkins, MD –Johns Hopkins University, School of

 Medicine

 -Postdoctoral Research Fellow

 -American College Scholar

2005-2008: Jayme E. Locke, MD -Johns Hopkins University, School of Medicine

 -Postdoctoral Research Fellow

 -NIH National Research Scientist Award (NRSA)

2006-2010: Dorry L. Segev, MD – Johns Hopkins University, School of Medicine

 -Johns Hopkins Clinical Research Scholars Program

2006-2008: Andrew Singer, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2007-2009: Zoe A. Stewart, MD – Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2008-2010: Nabil Dagher, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2009-2011: Christopher Simpkins, MD – Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2010-2012: Jayme E. Locke, MD- Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2011-2013: Susanna M. Nazarian, MD – Johns Hopkins University, School of

 Medicine

 -Clinical Transplant Fellow

2012-2014: Bonnie E. Lonze, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2013-2014: Gelu Osian, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2014-2015: Ryosuke Misawa, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2014-2016: Charbel Chalouhy, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2015-2016: Ashraf Reyad, MD – Johns Hopkins University, School of Medicine

 -Clinical Transplant Fellow

2021-Present Ryan Robalino, MD – NYU Langone Health

 -Clinical Transplant Fellow

2022-Present John Montgomery, MD – NYU Langone Health

 -Clinical Transplant Fellow

2023-Present Kryscilla Yang, MD– NYU Langone Health

 -Clinical Transplant Fellow

Graduate Student Thesis Committees

Daniel S. Warren

Joshua Mendell

Dorry Segev

Jacqueline Wang

Babak Orandi

Betsy King

Medical Student Teaching and Mentoring

The 6th Young European Scientist Organization. September 2011 for 1 week. Porto, Portugal.

Visiting Professor for The Alpha Omega Alpha Medical Students at the University of Rochester School of Medicine. Rochester, New York. February 27, 2014.

**JOURNAL PUBLICATIONS:**

Highest Impact Publications

**Montgomery RA**, Stern JM, Lonze BE, Tatapudi VS, Mangiola M, Wu M, Weldon E, Lawson N, Deterville C, Dieter RA, Sullivan B, Boulton G, Parent B, Piper G, Sommer P, Cawthon S, Duggan E, Ayares D, Dandro A, Fazio-Kroll A, Kokkinaki M, Burdorf L, Lorber M, Boeke JD, Pass H, Keating B, Griesemer A, Ali NM, Mehta SA, Stewart ZA. Results of Two Cases of Pig-to-Human Kidney Xenotransplantation. *N Engl J Med*. 2022 May 19;386(20):1889-1898.

Moazami N, Stern JM, Khalil K, Kim JI, Narula N, Mangiola M, Weldon EP, Kagermazova L, James L, Lawson N, Pip GL, Sommer PM, Reyentovich A, Bamira D, Saron T, Kadosh BS, DiVita M, Goldberg RI, Hussain ST, Chan J, Ngai J, Jan T, Ali NM, Tatapudi VS, Segev DL, Sisen S, Jaffe IS, Piegari B, Kowalski H, Kokkinaki M, Monahan J, Sorrells L, Burdorf L, Boeke JD, Pass H, Goparaju C, Keating B, Ayares D, Lorber M, Griesemer A, Mehta SA, Smith DE, **Montgomery RA**. Pig-to-human heart xenotransplantation in two recently deceased human receipients. *Nat Med.* 2023 Jul 24. Doi: 10.1038/s41591-023-02471-9. Online ahead of print. PMID: 37488288.

Loupy A, Goutaudier V, Giarraputo A, Mezine F, Morgand E, Robin B, Khalil K, Mehta S, Keating B, Dandro A, Certain A, Tharaux PL, Narula N, Tissier R, Giraud S, Hauet T, Pass HI, Sannier A, Wu M, Griesemer A, Ayares D, Tatapudi V, Stern J, Lefaucheur C, Bruneval P, Mangiola M, **Montgomery RA**. Immune response after pig-to-human kidney xenotransplantation: a multimodal phenotyping study. *Lancet.* 2023 Aug 17:S0140-6736(23)01349-1. doi: 10.1016/S0140-6736(23)01349-1. Epub ahead of print. PMID: 37598688.

Schmauch E, Piening B, Mohebnasab M, Xia B, Zhu C, Stern J, Zhang W, Dowdell AK, Kim JI, Andrijevic D, Khalil K, Jaffe IS, Loza BL, Gragert L, Camellato BR, Oliveira MF, O'Brien DP, Chen HM, Weldon E, Gao H, Gandla D, Chang A, Bhatt R, Gao S, Lin X, Reddy KP, Kagermazova L, Habara AH, Widawsky S, Liang FX, Sall J, Loupy A, Heguy A, Taylor SEB, Zhu Y, Michael B, Jiang L, Jian R, Chong AS, Fairchild RL, Linna-Kuosmanen S, Kaikkonen MU, Tatapudi V, Lorber M, Ayares D, Mangiola M, Narula N, Moazami N, Pass H, Herati RS, Griesemer A, Kellis M, Snyder MP, **Montgomery RA**, Boeke JD, Keating BJ. Integrative multi-omics profiling in human decedents receiving pig heart xenografts. *Nat Med.* 2024 May;30(5):1448-1460. doi: 10.1038/s41591-024-02972-1. Epub 2024 May 17. PMID: 38760586.

**Montgomery RA.** Getting comfortable with risk. *N Engl J Med.* 2019 Oct 24;381(17):1606-1607.

**Montgomery RA**, Mehta SA, Parent B, Griesemer A. Next steps for the xenotransplantation of pig organs into humans. *Nat Med.* 2022 Aug;28(8):1533-1536.

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17. Youil, R., T. Toner, E. Bull, A. Bailey, C.D. Earl, H.C. Dietz and **R.A. Montgomery**. Detection of mutations in the FBN1 gene using T4 endonuclease VII. (Platform presentation at the Mutation Detection 1999 V International Symposium on Mutations in the Human Genome, Italy, May 1999).

18. Ratner, L.E., **R.A. Montgomery**, A.K. Mandal, M. Fabrizio and L.R. Kavoussi. Laparoscopic live donor nephrectomy: pre-operative assessment of technical difficulty. (Platform presentation at South-Eastern Organ Procurement Foundation Scientific Sessions, Memphis, September 1999).

19. Ratner, L.E., **R.A. Montgomery**, K. King, B. Fivush, P. Colombani,, L.C. Racusen, D. Lucas and A.A. Zachary. Successful treatment of antibody-mediated renal allograft rejection with plasmapheresis and intravenous immune globulin (PP/IVIG). (Platform presentation at the Minneapolis Transplant Congress, Minneapolis, October, 1999).

20. **Montgomery, R.A.,** A. Zachary, L. Racusen, M. Lefelle, K. King, J.F. Burdick, W.R. Maley, J. Markowitz, C. Cohen and L.E. Ratner. Plasmapheresis (PP) and intravenous immune globulin (IVIG) provides effective rescue therapy for refractory humoral rejection in renal allografts. (Platform presentation at the Annual Meeting of the American Society of Transplantation, Chicago, May 2000).

21. Ratner, L.E., S. Humphries, D. Edwin, J. Markowitz, **R.A. Montgomery,** W. Maley, J. Burdick. Are altruistic strangers an untapped source of organs for transplantation? (Platform presentation at the Annual Meeting of the American Society of Transplantation, Chicago, May 2000).

22. Ratner, L.E. K. King, A. Zachary, C. Cohen, W. Maley, J. Burdick, J. Markowitz, M. Lefell and **R.A. Montgomery**. Successful abrogation of a positive crossmatch with plasmapheresis and intravenous immune globulin in live donor renal transplantation. (Platform presentation at the Annual Meeting of the American Society of Transplantation, Chicago, May 2000).

23. Geetha, D., Y. Talusan, L. Racusen, L. Ratner, J. Burdick, **R.A. Montgomery,** W. Maley, E. Kraus and J. Markowitz: Human polyoma virus infection causing renal allograft dysfunction: A consequence of potent immunosuppression. (Platform presentation at the Annual Meeting of the American Society of Transplantation, Chicago May 2000).

24. **Montgomery, R.A.,** L.R. Kavoussi, C. Cohen, W.R. Maley, J.F. Burdick, J. Markowitz, and L.E. Ratner. Improved recipient results after 5 years of performing the laparoscopic donor nephrectomy. (Platform presentation at the International Transplantation Society Meeting, Italy, August 2000).

25. Ratner, L.E. L.R. Kavoussi, P.M. Colombani, **R.A. Montgomery**, A.M. Neu, and B. Fivush. Recipient outcomes in children receiving kidneys from live donors undergoing laparoscopic live donor nephrectomy. (Platform presentation at the First IPTA Meeting on Pediatric Transplantation, Italy, August 2000)

26. Judge, D., S. Martin, N. Williams, **R.A. Montgomery,** H. Dietz, and S. Chatterjee. Neutral sphingomyelinase-deficient cells are resistant to apoptosis caused by pro-inflammatory cytokines. (Platform presentation at the American Society of Human Genetics 73rd Annual Meeting, Philadelphia, October 2000).

27. Sonnenday, C., S. Cooke, D. Warren, H. Dietz, L.R Ratner, and **R.A.**

**Montgomery**. An *in situ* expressed chimeric antisense vector inhibits ICAM-1 expression on vascular endothelium. (Platform presentation at the Society of University of Surgeons 62nd Annual Meeting, Resident’s Section Chicago, February 2001).

28. Sonnenday, C., S. Cooke, D. Warren, H. Dietz, and **R.A. Montgomery**. U1

snRNA/ribozyme chimeric vectors as a novel vehicle for the delivery of *in situ* expressed regulatory molecules. (Vector targeting strategies for gene therapy, Cold Spring Harbor Laboratory, Cold Spring Harbor, New York, March, 2001).

29. Samaniego, M., H. Tan, K. King, **R.A. Montgomery,** M. Hass, L. Ratner, and A. Zachary. Anti-CD20 monoclonal antibody rescue therapy for refractory antibody-mediated rejection. (Platform presentation at the Transplant 2001 The American Society of Transplantation Meeting, Chicago, May 2001).

30. Ratner, L.E., K. King, H.P. Tan, A. Zachary, M.D. Samaniego, E.S. Kraus, M. Cooper, and **R.A. Montgomery.**  Plasmapheresis (PP) and intravenous immune globulin(IG) for the treatment and prevention of antibody-mediated rejection in renal transplantation. (Platform presentation at the Transplant 2001 The American Society of Transplantation Meeting, Chicago, May 2001).

31. Ratner, L.E., V. Sinkov, **R.A. Montgomery,** K. Fox-Talbot, H. Tan, M. Cooper, and L. Kavoussi. Laparoscopic live donor nephrectomy: Global-status at the millennium. (Platform presentation at the Transplant 2001 The American Society of Transplantation Meeting, Chicago, May 2001).

32. Rudick, J., J. Eustace, J.S. Markowitz, H.P. Tan, L. Lees, **R.A. Montgomery,** L.E. Ratner, and M. Samaniego. Thymoglobulin is as effective as OK-T3 monoclonal antibody in the treatment of histologically severe acute rejection in kidney allograft recipients. (Platform presentation at the Transplant 2001 The American Society of Transplantation Meeting, Chicago, May 2001).

33. Sonnenday, C., S. Cooke, D. Warren, H. Dietz, L.R Ratner, and **R.A.**

**Montgomery**. A novel strategy for interrogating the function of individual genes in the ischemia/reperfusion injury (IRI) pathway. (Platform presentation at the International Conference on Transplantation, Nagoya, Japan, July 2001).

34. **Montgomery, R.A**, P.A. Frishmeyer\*, S.K. Cooke, D.S. Warren, C.J. Sonnenday, H.C. Dietz. Pertubation of thymic development in nonsense-mediated decay-deficient mice. (Platform presentation and **winner of Doctoral Student Basic Science Research Award-2001 Awards Competition**, The American Society of Human Genetics 51st Annual Meeting, San Diego, CA, October 2001) \*equal contributor and presenter.

35. Sonnenday, C. J., L.E. Ratner, J.F. Burdick, M.D. Samaniego, E. Kraus, D.S.

Warren, and **R.A. Montgomery**. Pre-emptive therapy with Plasmapheresis/intravenous immune globulin(PP/IVIG) allows successful live donor renal transplantation in patients with a positive crossmatch. (Platform presentation and **winner of The Young Investigator’s Award** at The 2nd International Congress on Immunosuppression, San Diego, CA, December, 2001).

36. Racusen LC, **Montgomery RA**, Samaniego M, Sonneday C, Zachary A, Kraus E, Haas M. Biopsy (BX) findings in sensitized patients receiving renal transplant (TX) after pre-emptive Plasmapheresis/IVIG. (Platform presentation at The American Congress of Transplantation Meeting, Washington, April 2002).

37. **Montgomery, R.A**., M.D. Samaniego, A.A. Zachary, C. Sonnenday, D. Warren,

E. P. Molmenti, and L.R Ratner. Differing patterns of antibody supression and re-emergence between ABO and positive crossmatch kidney transplants. (Platform presentation at The American Congress of Transplantation Meeting, Washington, April 2002).

38. Samaniego, M.D., A.A. Zachary, D. Lucas, H. Haas, K. King, L.R. Ratner, and

**R.A. Montgomery.** Early Allograft Outcomes in Patients with Antibody- Mediated Rejection Treated with Rituximab: A single Center Experience. (Platform presentation at The American Congress of Transplantation Meeting, Washington, April 2002).

39. Sonnenday, C.J., E. Kraus, F.A. Gage, L.E. Ratner, J.F. Burdick, and **R.A.**

**Montgomery**. Cadaveric kidneys from extended criteria donors treated with pulsatile perfusion have durable long-term function comparable to kidneys from ideal donors. (**Henry Christian Award Winner**, American Federation for Medical Research Clinical Research Meeting, April 2002 and poster presentation at the American Transplant Congress, April 2002).

40. Jacobbi, L.M., S.T. Bartlett, **R.A. Montgomery**, and F. Gage. Machine

Preservation Can Maximize the Current Organ Pool and Significantly Increase the Number of Kidneys Available for Transplantation (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

41. **Montgomery, R.A**., C.J Sonnenday, E. Kraus, F.A. Gage, and J.F. Burdick.

Pulsatile perfusion protects extended criteria cadaveric kidneys from graft loss. (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

42. Sonnenday, C.J., M. Cooper, C. Handley, F.A Gage, E. Krause, and **R.A.**

**Montgomery.** The hazards of basing acceptance of cadaveric renal allografts on pulsatile perfusion parameters alone. (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

43. **Montgomery, R.A**., C.J. Sonnenday, M.D. Samaniego, A.A. Zachary, D.S.

Warren, and L.E. Ratner. Antibody suppression and re-emergence in positive crossmatch and ABO incompatible kidney transplant recipients. (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

44. Sonnenday C.J., L.E Ratner,M.D. Samaniego, A.A. Zachary, K.E. King, L.C.

Racusen, D.S. Warren, and **R.A. Montgomery.** Durable Graft Function and Donor –Specific Antibody Suppression Following live donor renal transplantation in patients Treated with pre-emptive plasmapheresis/intravenous immunoglobulin. (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

45. **Montgomery, R.A.,** C.J. Sonnenday, E. Kraus, F.A. Gage, and J.F. Burdick. Pulsatile perfusion protects extended criteria cadaveric kidneys from graft loss. (Platform presentation at XIX International Congress of the Transplantation Society, August 2002).

46. Sonnenday, C.J., M. Cooper, E. Kraus, F. Gage, C. Hadley and **R.A. Montgomery.** The hazards of basing acceptance of cadaveric renal allografts on pulsatile perfusion parameters alone. (Platform presentation at XIX International Congress of Transplantation Society, August 2002).

47. Sonnenday, C.J., J. Graziani, A.A. Zachary, K.E. King, M. Haas, M. Saminiego and **R.A. Montgomery.** Characterization of acute rejection episodes following pre-emptive plasmapheresis/CMVIg to abrogate a positive crossmatch and allow live donor renal transplantation. (Platform presentation at The American Congress of Transplantation Meeting, Washington, May, 2003).

48. Sonnenday, C.J., D.S. Warren, A.A. Zachary, K. King, M. Cooper, M. Haas and **R.A. Montgomery.** Renal transplantation in patients who have both a positive crossmatch and ABO incompatibility with their live donor. (Platform presentation at The American Congress of Transplantation Meeting, Washington, May, 2003).

49. Jacobbi, L.M., F. Gage, **R.A. Montgomery** and C.J. Sonnenday. Machine preservation improves functional outcomes in cadaveric renal transplantation. (Platform presentation at The American Congress of Transplantation Meeting, Washington, May, 2003).

50. **Montgomery, R.A.,** C.E. Simpkins, A.A. Zachary, L. Lees, D.S. Warren, M. Cooper and M. Samaniego. Anti-CD 20 rescue therapy for kidneys undergoing antibody-mediated rejection. (Platform presentation at The American Congress of Transplantation Meeting, Boston, MA, May, 2004).

51. Ugarte, R.M., L. Racusen, M. Haas, M.S. Leffell, A. Zachary, M. Samaniego-Picota, E. Molmenti, M. Cooper, **R.A. Montgomery,** H.Rabb and E.S. Kraus. Thymyglobulin versus no induction in adult primary deceased-donor renal transplant recipients on maintenance tacrolimus, mycophenolate mofetil, and prednisone: a single-center longitudinal study. (Platform presentation at The American Congress of Transplantation Meeting, Boston, MA, May, 2004).

52. Leffell, M.S., D. Kopchaliiska, **R.A. Montgomery** and A.A. Zachary. Frequencies of alloreactive B lymphocytes in renal transplant patients with historic and current sensitization to HLA antigens. (Plateform presentation at The American Congress of Transplantation Meeting, Boston, MA, May, 2004).

53. Simpkins, C.E., A.A. Zachary, M. Cooper, D.S. Warren, L.E. Ratner and **R.A. Montgomery.** Improved results with selective use of splenectomy and anti-CD 20 for positive crossmatch transplants. (Platform presentation at The American Congress of Transplantation Meeting, Boston, MA, May, 2004).

54. Cooper M., D.S. Warren, C.E. Simpkins, D. Segev, J. Hiller, J. Rickard, H. Rabb, A.A. Zachary, J. Graziani, V. Collins and **R.A. Montgomery.**  Conventional and unconventional paired kidney exchanges. (Platform presentation at XX International Congress of the Transplantation Society, Vienna, Austria, September, 2004).

55. Simpkins, C.E., D.S. Warren, C.J. Sonnenday, A.A. Zachary, M. Cooper, L. Lees, L.E. Ratner and **R.A. Montgomery.** Improved results with selective use of splenectomy and anti-CD 20 for positive crossmatch transplants. (Platform presentation at XX International Congress of the Transplantation Society, Vienna, Austria, September, 2004).

56. **Montgomery, R.A.,** C.E. Simpkins, D.S. Warren, A.A. Zachary, M. Cooper, K. King, L. Lees, M. Haas, V. Collins, M. Samaniego. Anti-CD 20 rescue therapy for acute antibody-mediated rejection in kidney transplant recipients. (Platform presentation at XX International Congress of the Transplantation Society, Vienna, Austria, September, 2004).

57. Warren, D.S., C.E. Simpkins, C.J. Sonnenday, Y. Yan, S.K. Cooke, A. Williams and **R. A. Montgomery.** In vivo RNA interference: reducing ischemia/reperfusion injury in allotransplantation. (**Combined Clinical and Basic Science Plenary Presentation** for at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

58. Zachary, A.A., **R.A. Montgomery,** C.E. Simpkins, D.S. Warren and M.S. Leffell. Impact of persistent, low levels of donor-specific antibody on renal transplants. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

59. **Montgomery, R.A.,** M. Cooper, A.A. Zachary, M.S. Lefell, J.M. Hiller and D.S. Warren. Excellent graft outcomes achieved with paired kidney exchange. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

60. Warren, D.S., C.E. Simpkins, K.E. King, A.A. Zachary, C.J. Sonnenday, M. Cooper, J.K. Melancon, D. Segev, T. Kozlowski, H. Rabb, R.S. Shirey and **R.A. Montgomery.** Excellent results achieved for ABOI renal allografts with or without splenectomy. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

61. Segev, D.L., S.E. Gentry, D.S. Warren, B. Reeb, C.E. Simpkins and **R.A. Montgomery.** Paired kidney exchange – the need for mathematically verifiable optimization. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

62. Sun, Z., Q. Zheng, Y. Nagakawa, G.M. Williams, **R.A. Montgomery,** A.M. Diehl and A.S. Klein. Repopulation of liver allografts by recipient-derived progenitor cells via mixed cell fusion and transdifferentiation: a new insight of tolerance and regeneration. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

63. Ugarte, R., T. Mehta, A. Hawxby, S. Karp, **R.A. Montgomery,** M. Cooper, H. Rabb, L. Racusen, M. Haas, A.A. Zachary, M. Leffel and E. Kraus. Donor acute tubular necrosis predicts early acute rejection in deceased-donor renal transplants: a single-center longitudinal study. (Platform presentation at The American Congress of Transplantation Meeting, Seattle, Washington, May, 2005).

64. Zachary AA, Simpkins CE, Warren DS, Leffell MD, **Montgomery RA**. Desensitization, persistent antibody, and graft function in renal transplantation. (Platform presentation at The 35th Annual Scientific Meeting of the Australasian Society for Immunology and 14th International HLA & Immunogenetics Workshop, Melbourne, Australia, December 2005).

65. Locke JE, Simpkins CE, Gentry SE, Warren DS, **Montgomery RA**. Changing trends in the impact of HLA mismatch on outcomes of live donor kidney transplants. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

66. Segev DL, Simpkins CE, Locke JE, Warren DS, **Montgomery RA**. The burden of obesity on waiting for deceased donor kidneys. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

67. Zachary AA, Kopchaliiski D, **Montgomery RA**, Melancon JK, Leffell MS. Predicting post-transplant de novo production of HLA-specific antibody. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

68. Simpkins CE, **Montgomery RA**, Gentry SE, Locke JE, Warren DS, Segev DL. The effect of cold ischemic time on live donor renal transplantation: is organ transport feasible for live donors? (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

69. Lee KW, Simpkins CE, **Montgomery RA**, Locke JE, Segev DL, Maley, WR. Factors affecting survival following liver transplantation from non-heart beating donors. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

70. Melancon JK, Simpkins CE, Locke JE, **Montgomery RA**, Segev DL. Racial and financial disparities in multiple listings from renal transplantation. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

71. Segev DL, Simpkins CE, Locke JE, Thuluvath PJ, **Montgomery RA**, Maley WR. The effect of obesity on liver transplant waiting times in the era of meld. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

72. Locke JE, Zachary AA, Warren DS, Houp JG, **Montgomery RA**, Leffell MS. The impact of proinflammatory events on antibody levels in sensitized patients. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

73. Segev DL, Maley WR, Simpkins CE, Locke JE, **Montgomery RA**, Thuluvath PJ. Liver transplantation from elderly donors (over 70) in the era of meld. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

74. Zachary AA, Lucas DP, **Montgomery RA**, Warren DS, Simpkins CE, Leffell MS. Mechanisms of desensitization: the role of plasmapheresis. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

75. Locke JE, Simpkins CE, **Montgomery RA**, Segev DL. Do ECD criteria apply to kidneys donated after cardiac death? (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

76. Locke JE, Simpkins CE, **Montgomery RA**, Segev DL. Long-term outcomes from kidneys donated after cardiac death. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

77. Kraus ES, Lepley D, Segev DL, Bagnascu S, Haas M, Racusen L, Warren DS, Simpkins CE, Leffell MS, Zachary AA, Ugarte R, Rabb H, **Montgomery RA**. The utility of protocol biopsies in incompatible kidney transplant recipients. (Platform presentation at The First Joint International Transplant Meeting, Boston, Massachusetts, July 2006).

78. Simpkins CE, Warren DS, Sun Z, Allen G, Sonnenday C, Cooke S, Chivukula R, Baldwin W, Wasowska B, **Montgomery RA**. Characterization of two small animal models for the evaluation of antibody-mediated rejection therapies in transplantation. (Platform presentation at the American College of Surgeons 92nd Annual Clinical Congress. Working Together Toward Humanitarian Ideals, Chicago, IL, October 2006).

79. Segev DL, Simpkins CE, Warren DS, King KE, Shirey RS, Maley WR, Melancon JK, Locke JE, **Montgomery RA**. Excellent graft function 1 year or longer following high-titer ABO incompatible renal transplantation without anti-CD20 or splenectomy. (Platform presentation at the Canadian Society of Transplantation. Banff, Alberta Canada, March 2007).

80. Locke JE, **Montgomery RA**, Warren DS, Simpkins CE, Segev DL. Should all kidneys donated after cardiac death be considered marginal? (Platform presentation and **winner of the Best Resident Paper** at the Canadian Society of Transplantation. Banff, Alberta Canada, March 2007).

81. Segev DL, Maley WR, Simpkins CD, Locke JE, **Montgomery RA**, Thuluvath PJ. Liver allografts from elderly donors – how old is too old? (Platform presentation at the Canadian Society of Transplantation. Banff, Alberta Canada, March 2007).

82. Segev DL, Locke JE, Simpkins CE, King KE, Shirey RS, Tan M, Melancon JK, Warren DS, **Montgomery RA**. A single-center evolution of ABO incompatible renal transplantation: less is more. (Platform presentation at the American Transplant Congress Meeting, San Francisco, California, May 2007).

83. Locke JE, **Montgomery RA**, Warren DS, Simpkins CE, Segev DL. The effect of center volume on the long-term graft survival of pulsatile perfusion preserved kidneys. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

84. Kopchaliiska D, Zachary AA, **Montgomery RA**, Leffell MS. Characterization of HLA specific B Cell populations after B lymphocyte depletion. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

85. Kraus E, Lepley D, Segev D, Leffell M, Lucas D, Haas M, Racusen L, Bagnascu S, Collins V, Simpkins C, Warren D, **Montgomery R**. Donor specific antibody (DSA) and C4d+ in surveillance biopsies following positive cross match live donor kidney transplantation. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

86. Liu X, Locke J, Warren D, Zhang X, Tachibana S, **Montgomery RA**, Williams GM, Sun Z. Cyclosporin A, and not prednisone reduces CD4+CD25+Foxp3+T cells after liver transplantation in rats. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

87. Lee KW, **Montgomery RA**, Cameron AM, Segev DL, Simpkins CE, Locke JE, Maley WR. Factors affecting survival following split liver transplantation in children: analysis of UNOS/OPTN database. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

88. Segev DL, Locke JE, Simpkins CE, Warren DS, **Montgomery RA**. Regional and racial disparities in use of the live non-directed donors. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

89. Simpkins CE, Locke JE, **Montgomery RA**, Warren DS, Reeb BE, Segev DL. Impact of socioeconomic status on graft survival following preemptive live donor renal transplantation. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California, May 2007).

90. Locke JE, **Montgomery RA**, Warren DS, Simpkins CE, Segev DL. Risk factors predictive of renal allograft loss among HIV positive recipients. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California, May 2007).

91. Lee KW, **Montgomery RA**, Cameron AM, Segev DL, Simpkins CE, Locke JE, Maley WR. Factors affecting survival following split liver transplantation in adulthood: analysis of UNOS/OPTN database. (Platform presentation at the American Transplant Congress Meeting San Francisco, California. May 2007).

92. Sonnenday CJ, Warren DS, Locke JE, Collins V, Simpkins CE, Kraus ES, Haas M, Rabb H, **Montgomery RA**. Routine pulsatile perfusion does not improve early outcomes from ECD kidneys: results of a prospective trial. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California. May 2007).

93. Passaretti CL, Lee VE, Simpkins CE, Leffell MS, Zachary AA, Dropulic LK, **Montgomery RA**, Subramanian AK. Spectrum of infectious complications following ABO or HLA incompatible kidney transplants. (Platform presentation at the American Transplant Congress Meeting. San Francisco, California May 2007).

94. Segev DL, Locke JE, Simpkins CE, Warren DS, **Montgomery RA**. Kidneys transplanted after many refusals: who uses them and how do they do? (Platform presentation at the American Transplant Congress Meeting. San Francisco, California May 2007).

95. Segev DL, Kucirka LM, Oberai P, Parekh R, **Montgomery RA**. Gender disparities in access to transplantation for elderly patients. (Platform presentation at the American Society of Transplant Surgeons 8th Annual State of the Art Winter Symposium: The High Risk Recipient. Marco Island, Florida January 2008).

96. Locke JE, Warren DS, Singer AL, Segev DL, Simpkins CE, Maley WR, **Montgomery RA**, Danovitch G, Cameron AM. Declining outcomes in simultaneous liver kidney transplantation in the MELD era: ineffective utilization of renal allografts. (Platform presentation at the American Society of Transplant Surgeons 8th Annual State of the Art Winter Symposium The High Risk Recipient. Marco Island, Florida January 2008).

97. Segev DL, Kucirka LM, **Montgomery RA**. Expanded criteria donors and elderly patients: allocation and outcomes. (Platform presentation at the American Society of Transplant Surgeons 8th Annual State of the Art Winter Symposium The High Risk Recipient. Marco Island, Florida January 2008).

98. Segev DL, Kucirka LM, **Montgomery RA**. Obesity, access to transplantation, and survival benefit. (Platform presentation at the American Transplant Congress, Toronto, Canada May 2008).

99. Kucirka LM, **Montgomery RA**, Segev DL. Gender disparities in access to transplantation are worsened by age and comorbidities. (Platform presentation at the American Transplant Congress, Toronto, Canada May 2008).

100. Segev DL, **Montgomery RA**. The effect of donornet on allocation efficiency of exported organs. (Platform presentation at the American Transplant Congress, Toronto, Canada May 2008).

101. Rees, MA, Kopke JE, Hil G, Reitsma W, Pankewycz OG, Miller AL, Hawxby AM, **Montgomery RA**, Abraham D, Sandholm T, Roth AR, Somnez T, Unver MU. The never-ending altruistic donor. (Platform presentation at the American Transplant Congress, Toronto, Canada May 2008).

102. Locke J, Warren D, Dominici F, Cameron A, Leffell M, Zachary A, Melancon J, Segev D, Singer A, **Montgomery RA**. The influence of donor and recipient ethnicity on outcomes following donation after cardiac death kidney transplantation. (Platform presentation at the XXII International Congress of The Transplantation Society, Sydney, Australia. August, 2008).

# 103. Singer A, Locke J, Haas M, Stewart Z, King K, Melancon JK, Segev D, Warren D, **Montgomery RA**. Elimination of splenectomy and anti-CD20 therapy does not result in increased chronic allograft nephropathy: A single center experience in ABO-incompatible renal transplantation. (Platform presentation at the XXII International Congress of The Transplantation Society, Sydney, Australia. August, 2008).

104. Stewart ZA, Cameron AM, Dagher NN, Singer AL, **Montgomery RA**, Segev DL. Use of Histidine-Tryptophan-Ketoglutarate for Pancreas Allograft Preservation is not cost effective resource utilization. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

105. Lonze BE, Melancon JK, Zhang, X, Singer AL, Cameron AM, Segev DL, **Montgomery RA**, Warren DS, Williams GM, Sun Z. Mitochondrial Membrane Potential as a predictor of post-transplant renal graft function. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

106. Stewart ZA, Lonze BE, Warren DS, Dagher NN, Singer AL, **Montgomery RA**, Segev DL. Histidine-Tryptophan-Ketoglutarate (HTK) is Associated with reduced graft survival of deceased donor kidney transplants. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

107. Locke JE, Simpkins CE, Leffell MS, Andrea AA, Collins V, Warren DS, Segev DL, Singer AL, Haas, M, **Montgomery RA**. Induction Immunosuppression in Crossmatch positive renal transplant recipients: Results of a randomized controlled clinical trial. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

108. Zachary AA, Lucas DP, **Montgomery RA**, Leffell MS. Effect of desensitization on complement activation by HLA-Specific Antibodies. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

109. Kucirka LM, Hanrahan CF, Namuyinga R, **Montgomery RA**, Segev DL. OPO Viral Nucleic Acid testing (NAT) and provider utilization of high-risk donor organs: results of Two National Surveys. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

110. Stewart ZA, Cameron AM, Dagher NN, Singer AL, **Montgomery RA**, Segev DL. Use of Histidine-Tryptophan-Ketoglutarate for Liver Allograft preservation reduces graft survival and is not cost-effective resource utilization. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

111. Segev DL, Powe NR, Troll MU, Wang NY, **Montgomery RA**, Boulware E. Factors influencing willingness of the general population to participate in kidney paired donation. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

112. Rees M, Segev DL, Chan L, Mulgaonkar S, Pankewycz O, Bowers V, VanBuren C, Pelletier R, Nibhunupudy B, Fabrega A, Rogers J, **Montgomery RA**. Experience with over 50 Altruistic and “Bridge” Donors involved in never-ending Altruistic Donor Chains and Kidney Paired Donation. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

113. Kucirka LM, Hanrahan CF, Namuyinga R, **Montgomery RA**, Segev DL. Special informed consent and hospital policies are associated with increased utilization of high risk donor organs. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

114. Hanrahan CF, Kucirka LM, **Montgomery RA**, Segev DL. Racial Disparities in Access to kidney transplantation differ by appropriateness for transplantation. (Platform presentation at the American Transplant Congress, Boston, MA May 2009).

115. Kucirka LM, Govindan P, **Montgomery RA,** Segev DL. Disparities in allocation of HCV+ Kidneys. (Platform presentation at the American Society of Transplant Surgeons 10th Annual State of the Art Winter Symposium “The Cutting Edge of Transplant Surgery” Fort Lauderdale, FL January 2010).

116. Segev DL, Muzaale A, Caffo B, **Montgomery RA**. Short-Term Survival in a 15-Year Cohort of All Live Kidney Donors in the United States. (Platform presentation at the American Society of Transplant Surgeons 10th Annual State of the Art Winter Symposium “The Cutting Edge of Transplant Surgery” Fort Lauderdale, FL January 2010).

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123. Dagher NN, Lone BE, Kucirka LM, Simpkins CE, Kremer EE, Desai NM, Cameron AM, Segev DL, **Montgomery RA**, Singer AL. Renal Transplants from CDC High-Risk Donors: What’s the Risk and for Whom Is It Justified? (Platform presentation at the American Transplant Congress, San Diego, California May 2010).

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125. Hisada M, Williams GM, Zhang X, Okabayashi T, Cameron AM, **Montgomery RA**, Sun Z. Improved Survival with Transplantation of Reduced Size Alcoholic Fatty Liver Grafts Compared to Whole Grafts Via Mobilization of Recipient Bone Marrow Stem Cells in Rats. (Platform presentation at the American Transplant Congress, San Diego, California May 2010).

126. Lonze BE, Dagher NN, Simpkins CE, Segev DL, Singer AL, Cohney S, Alachkar N, **Montgomery RA**. Eculizumab Prevents Recurrence of Antiphospholipid Antibody Syndrom (APS) in Renal Allografts. (Platform presentation at the XXIII International Congress of The Transplantation Society, Vancouver, BC, Canada. August 2010).

127. Lonze BE, Segev DL, Dagher NN, Simpkins CE, Locke JE, Kucirka LM, Singer AL, Zachary AA, **Montgomery RA**. Outcomes of Patients Desensitized for a Positive Crossmatch Compared to Patients Who Are Not Offered This Option. (Platform presentation at the XXIII International Congress of The Transplantation Society, Vancouver, BC, Canada. August 2010).

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129. Locke JE, Lonze B, Singer AL, Cameron AM, Warren DS, **Montgomery RA**, Segev DL. Risk Factors Predictive of Live Allograft Loss among HIV Positive Recipients. (Platform presentation at the American Transplant Congress, San Diego, California May 2010).

130. Kucirka LM, **Montgomery RA**, Ellison R, Wolf J, Segev DL. Risk of Window Period HIV and HCV Infection in DCD High Risk Donors: A Systematic Review and Meta-Analysis. (Platform presentation at the American Society of Transplant Surgeons 11th Annual State of the Art Winter Symposium “Transplantation at the Crossroads”. Hollywood, FL. January 2011).

131. Muzaale AD, Dagher NN, **Montgomery RA**, Segev DL. Acute Liver Failure, Early Death and Long-Term Mortality in 3800 Living Liver Donors. (Platform presentation at the American Society of Transplant Surgeons 11th Annual State of the Art Winter Symposium “Transplantation at the Crossroads”. Hollywood, FL. January 2011).

132. Muzaale AD, Berger J, **Montgomery RA**, Segev DL. The Decline in Live Kidney Donor Transplantation in the United States: A Multivariate Analysis. (Platform presentation at the American Society of Transplant Surgeons 11th Annual State of the Art Winter Symposium “Transplantation at the Crossroads”. Hollywood, FL. January 2011).

133. Van Arendonk KJ, James NT, Locke JE, Colombani PM, **Montgomery RA**, Segev DL. Deceased Late Graft Survival in Pediatric Recipients of DCD Kidneys. (Platform presentation at the American Society of Transplant Surgeons 11th Annual State of the Art Winter Symposium “Transplantation at the Crossroads”. Hollywood, FL. January 2011).

134. Massie AB, **Montgomery RA**, Segev DL. Does the Kidney Donor Index Need Non-Donor Factors? (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

135. Garonzik Wang JM, James NT, Witherspoon KC, Berger JA, Hall EC, **Montgomery RA**, Segev DL. The Aggressive Phenotype: Center-Level Patterns in the Utilization of Sub-Optimal Kidneys. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

136. Chow E, Muzaale A, Singer AL, Kucirka L, **Montgomery RA**, Segev DL. A Novel Tool for Identifying Appropriate Patients for CDC High Infectious Risk Donor Kidneys. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

137. Garonzik Wang J, James N, Van Arendonk K, Deshpande N, Hall E, Berger J, **Montgomery RA**, Segev DL. Third and Fourth Kidney Transplant Recipients: Who Are They and Was It Worth the Last Transplant? (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

138. Boyarsky BJ, Hall EC, Deshpande NA, **Montgomery RA**, Segev DL. Limited Impact of Presumed Consent Legislation on Deceased Donation Rates. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

139. Muzaale AD, Dagher NN, **Montgomery RA**, Segev DL. Acute Liver Failure, Early Death and Long-Term Mortality in Living Liver Donors. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

140. Segev DL, Berger J, Montgomery JR, Simpkins C, King K, **Montgomery RA**. Outcomes of 95 Consecutive ABO Incompatible Kidney Transplants Are Equivalent to Matched Controls. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

141. Muzaale AD, Berger JC, **Montgomery RA**, Segev DL. The Decline of Live Kidney Donor Transplantation in the United States: A Multivariate Analysis. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

142. Massie AB, Bingaman A, **Montgomery RA**, Segev DL. Center-Level Variation in Utilization (and Underutilization) of Kidney Paired Donation. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

143. Segev DL, Garonzik Wang J, Gloor J, Stegall M, Kapur S, Dunn T, Pelletier R, Singh P, Posner M, Shapiro R, El-Amm JM, Light J, Marsh C, Melancon JK, Lipkowitz G, Wellen J, Oberholzer J, **Montgomery RA**. Risks of HLA Incompatible Kidney Transplants by Antibody Strength: Initial Results from a National Study of 603 Patients. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

144. Locke JE, Singer AL, Desai N, **Montgomery RA**, Segev DL. Equivalent Outcomes for NIH Study Protocol and Non-Protocol HIV- Infected Kidney Transplant Recipients. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

145. Bone CW, Kucirka L, Ros L, **Montgomery RA**, Segev DL. Risk Perception and Patient Willingness To Accept High Infectious Risk Donor Kidneys. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

146. Kucirka L, Ros RL, Bone C, **Montgomery RA**, Segev DL. Discrepancies between Patient, Provider and Evidence-Based Risk Estimates Regarding High Infectious Risk Donor Organs. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

147. Van Arendonk KJ, James NT, Locke JE, **Montgomery RA**, Colombani PM, Segev DL.

Late Graft Loss among Pediatric Recipients of DCD Kidneys. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

148. Massie AB, Hall EC, **Montgomery RA**, Segev DL. African-American Patients Are Not at Increased Risk of Graft Failure among Older Patients or Diabetic Patients. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

149. Kucirka L, Weatherspoon K, Van Arendonk K, Montgomery JR, Deshpande N, Law A, Bone C, **Montgomery RA**, Segev DL. Potential New High Infectious Risk Donor Categories: Results of a Systematic Review and Meta-Analysis. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

150. Deshpande NA, Kucirka LM, Boyarsky BJ, Garonzik Wang JM, **Montgomery RA**, Segev DL. Pregnancy Outcomes in Kidney Transplant Recipients: A Systematic Review and Meta-Analysis. (Platform presentation at the American Transplant Congress, Philadelphia, PA. May 2011).

151. Garonzik Wang JM, James NT, VanArendonk KJ, Gupta N, Hall EC, **Montgomery RA**, Segev DL. The Liver Aggressive Phenotype: Center-Level Patterns in the Utilization of Suboptimal Liver Allografts. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, FL. January 2012).

152. VanArendonk KJ, James NT, Garonzik Wang JM, **Montgomery RA,** Colombani PM, Segev DL. Age at Graft Loss after Pediatric Kidney Transplantation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, FL. January 2012).

153. VanArendonk KJ, James NT, Garonzik Wang JM, **Montgomery RA**, Colombani PA, Segev DL. Order of Donor Type in Pediatric Kidney Transplantation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, FL. January 2012).

154. Boyarsky BJ, VanArendonk K, Deshpande NA, James NT, **Montgomery RA**, Segev DL. Race Is Associated with New Onset Hypertension and Diabetes after Living Kidney Donation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, FL. January 2012).

155. Boyarsky BJ, VanArendonk K, Deshpande NA, James NT, **Montgomery RA**, Segev DL. Difficulty Obtaining Insurance after Living Kidney Donation. (Platform presentation at the American Transplant Congress, Boston, MA. June 2012).

156. Boyarsky BJ, VanArendonk K, Deshpande NA, James NT, **Montgomery RA**, Segev DL. Race is Associated with New Onset Hypertension and Diabetes after Living Kidney Donation. (Platform presentation at the American Transplant Congress, Boston, MA. June 2012).

157. VanArendonk KJ, James NT, Boyarsky BJ, Garonzik Wang J, **Montgomery RA**, Colombani PM, Segev DL. Age at Graft Loss after Pediatric Kidney Transplantation: Understanding the High-Risk Period. (Platform presentation at the American Transplant Congress, Boston, MA. June 2012).

158. Gupta G, Abu Jawdeh BG, Bhasin B, Trollinger B, **Montgomery RA**, Womer K, Kraus E, Rabb H, Alachkar N. Outcome of Late Antibody Mediated Rejection in Renal Allografts after Conventional and Novel Therapies. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

159. Sharif A, Lonze B, Hiller J, Zachary AA, Leffell MS, Alachkar N, Kraus E, Dagher N, Desai N, Segev D, **Montgomery RA**. Outcomes from Combining Kidney Paired Donation and Desensitization: An Approach to Kidney Transplantation for the Most Highly Sensitized Patients. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

160. Sharif A, Alachkar N, Bagnasco S, Arend L, Racusen L, **Montgomery RA**, Kraus E. One-Year Biopsy Data of Antibody-Incompatible Kidney Transplantation and Correlation with Medium-To-Long Term Risk of Allograft Loss – a Prospective Analysis. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

161. Sharif A, Alachkar N, Kraus E, Bagnasco S, Arend L, Zachary AA, Racusen L, Segev D, **Montgomery RA**. Kidney Transplantation Across Simultaneous ABO/HLA-Incompatible Immunological Barriers Is Similar to Either ABO- or HLA- Incompatible Transplantation for Safety and Efficacy. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

162. Lonze BE, Zachary A, Alachkar N, Kraus ES, Locke JE, Nazarian SM, Orandi BJ, Garonzik Wang JM, Warren DS, Dagher NN, Singer AL, Desai NM, Segev DL, **Montgomery** **RA.** Outcomes of 262 Consecutive HLA-Incompatible Renal Transplants. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

163. Lucas DP, Leffell MS, **Montgomery RA**, Zachary A. Rituximab Prevents Recurrence of HLA Antibody in Sensitized Patients. (Platform presentation at the 24th International Congress of The Transplantation Society, Berlin, Germany. July 2012).

164. Garonzik Wang JM, James NT, Van Arendonk KJ, Gupta N, Hall EC, **Montgomery RA**, Segev DL. The Liver Aggressive Phenotype: Center-Level Patterns in the Utilization of Suboptimal Liver Allografts. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

165. Van Arendonk KJ, James NT, Garonzik Wang JM, **Montgomery RA**, Colombani PM, Segev DL. Age at Graft Loss after Pediatric Kidney Transplantation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

166. Van Arendonk KJ, James NT, Garonzik Wang JM, **Montgomery RA**, Colombani PA, Segev DL. Order of Donor Type in Pediatric Kidney Transplantation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

167. Boyarsky BJ, Van Arendonk K, Deshpande NA, James NT, **Montgomery RA**, Segev DL. Race Is Associated with New Onset Hypertension and Diabetes after Living Kidney Donation. (Platform presentation at the American Society of Transplant Surgeons 12th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

168. Locke J, James N, Mehta S, Pappas P, Mannon R, Desai N, **Montgomery RA**, Segev DL. Immunosuppression Regimen and the Risk of Acute Rejection in HIV-Infected Kidney Transplant Recipients. (Platform presentation at the American Society of Transplant Surgeons 13th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

169. Orandi BJ, VanArendonk KJ, James NT, Montgomery JR, Wickliffe C, Krause ES, Racusen LC, **Montgomery RA**, Segev DL. Early Antibody-Mediated Rejection Portends Worse Long-Term Renal allograft and Patient Survival. (Platform presentation at the American Society of Transplant Surgeons 13th Annual State of the Art Winter Symposium, Miami, Florida. January 2013).

170. Locke J, James N, Mehta S, Pappas P, Mannon R, Desai N, **Montgomery RA**, Segev DL. Immunosuppression Regimen and the Risk of Acute Rejection in HIV-Infected Kidney Transplant Recipients. (Platform presentation at the American Transplant Congress, Seattle, Washington, May 2013).

171. Jackson A, Sigdel T, Bagnasco S, **Montgomery RA**, Sarwal M. Endothelial Cell Reactive Antibodies: Antigenic Targets and Mechanism of Action. (Platform presentation at the American Transplant Congress, Seattle, Washington, May 2013).

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174. Orandi BJ, Garonzik-Wang JM, Van Arendonk KJ, King EA, Gupta N, **Montgomery RA**, Segev DL. Sequelae of Concurrent Antibody- and Cell-Mediated Rejection Following Kidney Transplantation. (Platform presentation at the 9th Annual Academic Surgical Congress, San Diego, CA, February 2014).

175. Fahmy L, Massie A, Orandi B, Bagnasco S, Alejo J, Boyarsky B, Anjum S, **Montgomery R,** Dagher N, Segev D. Association Between Histological abnormalities in Time-Zero renal Biopsies and Post-donation eGFR in Live Donors. (Platform presentation at American Transplant Congress. Philadelphia, PA, May 2015).

176. Avery R, Tsai H-L, Huang C-Y, Shoham S, Ostrander D, Lu N, **Montgomery R**, Marr K.     Risk Factors for Infections After Transplant in a Prospective Cohort Study Including Incompatible Kidney Transplant Recipients.  (Platform presentation at American Transplant Congress. Philadelphia, PA, May 2015).

177. Orandi BJ, King E, Lou X, Bae S, Lonze B, **Montgomery RA**, Segev DL. Hospital Readmissions Following Incompatible Live Donor Kidney Transplantation: A Multicenter Study. (Platform presentation American Transplant Congress. Boston, MA, May 2016).

178. Jordan SC, Legendre C, Desai N, Lorant T, Bengtsson M, Laxmyr L, Lonze B, Vi, A, Wood KJ, Kjellman C, **Montgomery RA**. Safety and Efficacy of Imlifidase in Highly-sensitized Kidney Transplant Patients: Results from a Phase 2 Study. (Platform presentation American Transplant Congress. Boston, MA. June 2, 2019).

179. Avery R, **Montgomery RA**, Motter J, Massie A, Kraus E, Marr K, Lonze B, Alachkar N, Jackson K, Holechek M, Ostrander D, Desai N, Waldram M, Shoham S, Mehta S, Hiller J, KLanglee J, Young S, Segev D, Garonzik Wang J. Quantifying Differential infection Risks in HLA and/or ABO Incompatible Kidney Transplant Recipients. (Platform presentation American Transplant Congress. Boston, MA. June 4, 2019).

180. Piper G\*, Sommer P, Stern J, Sullivan B, Weldon E, Lawson N, Lonze B, Dieter R, Boulton G, **Montgomery RA**. Critical Care of the Brain-Dead Recipient of a Pig-to-Human Renal Transplant. (Platform presentation at American Transplant Congress, Boston, Massachusetts. 2022 Jun 4-8).

181. Keating B\*, Piening B, Mangiola M, Stern J, Zhang W, Griesemer A, Lonze B, Snyder M, Boeke J, **Montgomery RA**. Multiomic Analyses of Two Pig Kidney to Human Xenotransplants. (Platform presentation at American Transplant Congress, Boston, Massachusetts. 2022 Jun 4-8).

182. Parent B\*, Schiff T, Weldon E, Lawson N, Mehta S, **Montgomery RA**. Navigating the Ethics of Transplant Research Involving Newly Deceased. (Platform presentation at American Transplant Congress, Boston, Massachusetts. 2022 Jun 4-8).

183. Stern J\*, Tatapudi V, Lonze B, Stewart ZA, Mangiola M, Wu M, Mehta S, Weldon E, Dieter R, Lawson N, Griesemer A, Parent B, Piper G, Sommer P, Cawthon S, Sullivan B, Ali N, **Montgomery RA**. First Report of Xenotransplantation from a Pig to Human Recipient. (Platform presentation at American Transplant Congress, Boston, Massachusetts. 2022 Jun 4-8).

184. Mangiola M\*, Tatapudi V, Stern J, Stewart ZA, Lonze B, Ali N, **Montgomery RA**. Histocompatibility Findings in the First Xenotransplants from a Pig to a Deceased Human Recipient. (Platform presentation at American Transplant Congress, Boston, Massachusetts. 2022 Jun 4-8).

185. Loupy A\*, Giarraputo A, Goutaudier V, Blaise R, Mezine F, Mangiola M, Stern J, Griesemer A, Tatapudi V, Ali N, Mehta S, Stewart ZA, Ayares D, Bruneval P, **Montgomery RA**. Histological and Molecular Characterization of Kidney Xenografts Transplanted to Decedent Humans. (Platform presentation at 29th International Congress of the Transplantation Society, Buenos Aires, Argentina. 2022 Sep 10-14).

186. Stern J\*, Lonze BE, Stewart ZA, Mangiola M, Tatapudi VS, Zhang WM, Camellato B, Xia B, Boeke J, Pass H, Weldon E, Lawson N, Griesemer A, Keating B, **Montgomery RA**. Cytokine Analysis of First Gal-KO Renal Xenotransplantation From a Pig-To-Human Recipient. (Platform presentation at 29th International Congress of the Transplantation Society, Buenos Aires, Argentina. 2022 Sep 10-14). 185.

187. Mangiola M\*, Stern J, Griesemer A, Dandro A, Fazio-Kroll A, Ayares D, Sese D, Lonze BE, **Montgomery RA**. Preformed HLA Antibodies Do Not Crossreact with Swine Leukocyte Antigens and Are Not a Barrier for Xenotransplantation. (Platform presentation at 48th American Society for Histocompatibility and Immunogenetics Annual Meeting, Las Vegas, Nevada, 2022 Oct 24-28).

188. Loupy A\*, Giarraputo A, Goutaudier V, Robin, Mezine F, Mangiola M, Stern J, Griesemer A, Tatapudi V, Ali N, Mehta S, Stewart ZA, Ayares D, Bruneval P, **Montgomery RA**. Histological And Molecular Characterization Of Kidney Xenografts Transplanted To Decedent Humans. (Platform presentation at IXA-CTRMS Virtual Congress, 2022 Sep 23-25).

189. Bamira D\*, Stern J, Vainrib A, Saric M, Saraon T, Reyentovich A, Jaffe I, James L, Khalil K, Weldon E, Ayares D, Griesemer A, Smith D, **Montgomery RA**, Moazami N. Echocardiographic Evaluation of 2 Pig to Human Brain Dead Decedent Xenoheart Transplants. (Platform presentation at 23rd Annual ASTS Winter Symposium, Miami, Florida. 2023 Jan 11-14).

190. Moazami N\*, Stern J, Smith D, Kim J, Khalil K, James L, Kowalski H, Bisen S, Bamira D, Saraon T, Reyentovich A, Piper G, Sommer P, Ngai J, Mangiola M, Mehta S, Griesemer A, Ayares D, Narula N, Weldon E, **Montgomery RA**. Two 10 Gene Modified Xenoheart Transplants into Brain Dead Decedents. (Platform presentation at 23rd Annual ASTS Winter Symposium, Miami, Florida. 2023 Jan 11-14).

191. Kim J\*, Stern J, Lonze B, Pass H, Goparaju C, Keating B, Piper G, Sommer P, Griesemer A, Khalil K, Weldon E, Ayares D, Stewart ZA, Moazami N, **Montgomery RA**. Review of Hemodynamics and Systemic Cytokine Changes in Decedent Xenotransplant Recipients. (Platform presentation at 23rd Annual ASTS Winter Symposium, Miami, Florida. 2023 Jan 11-14).

192. Bamira D, Stern J, Vainrib A, Saric M, Saraon T\*, Reyentovich A, Jaffe I, James L, Khalil K, Weldon E, Ayares D, Griesemer A, Smith D, **Montgomery RA**, Moazami N. Echocardiographic Evaluation of 2 Pig to Human Brain Dead Decedent Xenoheart Transplants. (Platform presentation at 43rd Annual Meeting & Scientific Sessions of the International Society for Heart and Lung Transplantation, Denver, Colorado. 2023 Apr 19-22).

193. Moazami N\*, Stern J, Smith D, Kim J, Khalil K, James L, Kowalski H, Bisen S, Bamira D, Saraon T, Reyentovich A, Piper G, Sommer P, Ngai J, Mangiola M, Mehta S, Griesemer A, Ayares D, Narula N, Weldon E, **Montgomery RA.** Two 10 Gene Modified Xenoheart Transplants into Brain Dead Decedents. (Platform presentation at 43rd Annual Meeting & Scientific Sessions of the International Society for Heart and Lung Transplantation, Denver, Colorado. 2023 Apr 19-22).

194. Datta H\*, Khalil K, Zavotsky K, Ohler L, Ifraimova I\*, Finegan E, Cantor K, Lawson N, Stern J, Sommer P, Piper G, Moazami N, **Montgomery RA**, Weldon E. The Critical Care Nursing Experience with Xenotransplant Research. (Platform presentation at National Teaching Institute & Critical Care Exposition 2023. Philadelphia, Pennsylvania. 2023 May 21-25).

195. Mangiola M\*, Stern J, Kim J, Dandro A, Khalil K, Mehta S, Lewis T, Ayares D, Griesemer A, **Montgomery RA**. Human Immunoglobulin Preparations Contain Significant Anti-pig Antibodies. (Platform presentation at American Transplant 2023 Congress, San Diego, California. 2023 Jun 4-7).

196. Keating B\*, Schmauchg E, Piening B, Xia B, Chenchen Z, Chang BL, Khalil K, Kim J, Weldon E, Pass H, Ayares D, Griesemer A, Mangiola M, Stern J, Snyder MP, Boeke J, **Montgomery RA**. Integrative omic Profiling and Analyses in Two Pig Heart to Human Xenotransplants. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

197. Mangiola M\*, Stern J, Kim J, Dandro A, Khalil K, Mehta S, Lewis T, Ayares D, Griesemer A, **Montgomery RA**. Anti-pig Antibodies in Human Immunoglobulin Preparations. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

198. Kadosh B\*, Bamira D, Saraon T, Goldberg RI, DiVita M, Reyentovich A, Stern J, Khalil K, Jan T, Ngai J, Ayares D, Weldon E, Griesemer A, Smith D, **Montgomery RA**, Moazami N. Novel Endomyocardial Biopsy Technique of Porcine Xenohearts in Brain-Dead Decedents. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

199. Datta H\*, Khalil K, Zavotsky K, Ifraimova I, Montgomery RA, Weldon E. The Critical Care Nursing Experience with Xenograft Research. (Platform presentation at 26th Annual Nursing Science Conference at NYULH, New York, New York. 2023 Jun 9).

200. Goutaudier V\*, Giarraputo A, Robin B, Mezine F, Parent B, Griesemer A, Certain A, Khalil K, Rabant M, Mehta S, Navneet N, Pass H, Sannier A, Ayares D, Wu M, Tatapudi V, Stern J, Bruneval P, Mangiola M, **Montgomery RA**, Loupy A. Multimodality Deep Phenotyping of Genetically Modified Pig Kidney Xenografts Transplanted to Human Recipients Reveals Antibody Mediated Rejection. (Platform presentation at American Transplant 2023 Congress, San Diego, California. 2023 Jun 4-7).

201. Khalil K\*, Dieter R, Hickson C, Gumina M, Kim J, Rothstein R, Hotchkis P, Lawson N, James L, Moazami N, **Montgomery RA**, Mehta SA, Weldon E, Stern J. Perceptions and Potential Barriers of Personnel Involved in Xenotransplant Research. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

201. Datta H, Khalil K, Zavotsky K, Ohler L, Ifraimova I, Finegan E\*, Cantor K, Lawson N, Stern J, Sommer P, Piper G, Moazami N, **Montgomery RA**, Weldon E. The Critical Care Nursing Experience with Xenotransplant Research. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

202. Pass H\*, Goparaju C, Stern J, Khalil K, Kim J, Lonze B, Stewart ZA, Griesemer A, Weldon E, Ayares D, Keating B, **Montgomery RA**. Immunotranscriptomic Changes During Two Pig-to-Human Kidney Xenotransplantation Cases. (Platform presentation at IPITA-IXA-CTRMS 2023 Congress, San Diego, California. 2023 Oct 26-29).

203. Stern J\*, Kim J, Tatapudi V, Mattoo A, Sommer P, Mangiola M, Weldon E, Jaffe I, Aljabban I, Skolnik E, Goldfarb D, Esker R, Bisen S, Dandro A, Lorber M, Ayares D, Mehta S, Khalil K, Griesemer A, **Montgomery RA**. Long-term function of a Gal-KO Xenothymokidney Transplant in a Brain-Dead Decedent. (Platform presentation at 24th Annual ASTS Winter Symposium, Miami, Florida. 2024 Jan 11-14).

# VIDEO PRESENTATIONS

1. Schulam, P.G., J.T. Bishoff, R.G. Moore, T.D. Averch, **R.A. Montgomery,** L.E. Ratner and L.R. Kavoussi. Laparoscopic live donor nephrectomy: the initial clinical experience. (Video section, American Urological Association. Orlando, FL, May 1996).

2. **Montgomery, R.A.,** J.A. Cadadu, L.R. Kavoussi and L.E. Ratner. Live donor

nephrectomy: the laparoscopic technique. (Motion picture section, The American College of Surgeons Meeting. Chicago, IL, October 1997).

3. **Montgomery, R.A.**, J.A. Cadadu, L.R. Kavoussi and L.E. Ratner. Laparoscopic

live donor nephrectomy: refined surgical technique 1998 update. (Video section, American Urological Association. May 1998).

4. **Montgomery, R.A,** J.A. Cadadu, L.R. Kavoussi and L.E. Ratner. Live donor nephrectomy: the updated laparoscopic technique. (Motion Picture Section, The American College of Surgeons Meeting. Orlando, Fl, October 1998).

5. **Montgomery, R.A.** Live laparoscopic donor nephrectomy with vaginal kidney extraction. (American Society of Transplant Surgeons 10th Annual State of the Art Winter Symposium “The Cutting Edge of Transplant Surgery” Fort Lauderdale, FL January 2010).

CME COURSES

Incompatible Kidney Transplantation: High PRA, positive crossmatch, paired

kidney exchange, and ABO incompatible transplants. Johns Hopkins University, May 2003 (Director CME)

# SHORT COURSES

1. The 37th Annual Short Course in Medical and Experimental Mammalian Genetics. Bar Harbor, Maine, July 19-July 30, 1996.

2. Laparoscopic Live Donor Nephrectomy Course. Johns Hopkins University, November 1996. (Instructor).

3. Laparoscopic Live Donor Nephrectomy Course. Johns Hopkins University,

March 1997. (Instructor).

INVITED LECTURES

1. Cytokine semi-quantitative PCR on fine needle aspirates from human renal allografts. Molecular Approaches to Nephrology Meeting. Bari, Italy, April 1992.

2. Cytokines in graft rejection. European College of Transplantation. Oxford, England, May 1992.

3. Renal transplantation in patients with sickle cell nephropathies. Oxford Transplantation Center Grand Rounds. Oxford, England, December 1993.

4. Laparoscopic live donor nephrectomy: an initial experience. 21st Anniversary Meeting of Transplantation in Oxford. Oxford, England, March 1996.

5. Marfan syndrome: Molecular genetics and gene therapy. Johns Hopkins Cardiac Surgery Grand Rounds. Baltimore, MD, November 1997.

6. Laparoscopic donor nephrectomy: does it impact long-term graft outcome? South-Eastern Organ Procurement Foundation. Baltimore, MD, June 1998.

7. Laparoscopic live donor nephrectomy. Clinical lecture upon election as Professor of Transplantation. University of Oxford, Oxford Transplant Center. Oxford, England, July 1998.

8. Gene therapy for Marfan syndrome. Basic science lecture upon election as Professor of Transplantation. University of Oxford, Institute of Molecular Medicine. Oxford, England, July 1998.

9. Laparoscopic kidney donation. Challenges for Transplantation into the Next Century. Baltimore, MD, October 1998.

10. Laparoscopic donor nephrectomy. Visiting Professor. Maadi Hospital. Cairo,

Egypt, December 1998.

11. Gene therapy strategies utilizing *In situ* expressed conformationally improved antisense oligonucleotides. “Strategies for Inactivation of Mutant Genes.” Banbury Conference, Banbury Center, Cold Spring Harbor Laboratory, May 1999.

12. Update on immunosuppression and gene therapy strategies for renal transplantation. Johns Hopkins Urology Grand Rounds. Baltimore, MD, May 1999.

13. Plasmapheresis and Cytogam provide effective treatment for refractory acute humoral rejection and prevent hyperacute rejection in crossmatch positive renal transplant recipients. Teleconference for the Central Region Transplant Advisory Panel. Wisconsin, September 1999.

14. Immunosuppressives: Now and the future. Society of Critical Care Medicine. 2000 29th Educational & Scientific Symposium. Orlando, FL., February 2000.

15. Plasmapheresis and Cytogam provide effective rescue treatment for refractory

acute humoral rejection. Advisory Panel Discussion: Techniques for Reducing PRA’s in Solid Organ Transplantation. Scottsdale, Az., February 2001.

16. Treatment for antibody-mediated rejection: Plasmapheresis/IVIG and Anti-

CD20. The Sixth Banff Conference. Banff, Canada, April 2001.

17. Enhancing the utilization of extended criteria donors: Dual organ transplantation

and pulsatile perfusion. The Sixth Banff Conference. Banff, Canada, April, 2001.

18. Preemptive therapy for transplantation across immunological barriers. The Sixth

Banff Conference. Banff, Canada, April, 2001.

19. A novel strategy for interrogating the function of individual genes in the

ischemia/reperfusion injury (IRI) pathway. Tokyo, Japan, July 2001.

20. The treatment of human disease with gene and cell therapy. University of

Southern California Grand Rounds. Los Angeles, November 2001.

21. Live demonstration of the laparoscopic donor nephrectomy operation. Sir Ganga Ram Hospital. 7th Congress of the Asian Society of Transplantation. New Delhi, India. March 2002.

22. Invited Lectures at Hospitals and Universities on Positive crossmatch and ABO incompatible transplantation:

2001: Emory University, Maadi Hospital (Cairo, Egypt).

2002: Harvard University/Mass General Hospital, Harvard University/Beth Isreal Deaconess Medical Center, The University of Minnesota, The University of Buffalo, McGill University, University of Toronto, Samsung Medical Center (Seoul Korea), University of Iowa, University of Nebraska, Washington Hospitals, University of Utah, Seattle Hospitals, New York Hospitals.

2003: University of Wisconsin, Medical College of Wisconsin, Houston Hospitals, Ohio State, UCLA, University of Portland, San Antonio.

23. Increasing Living Kidney Donation: Controversies and New Approaches, Annual Canadian Society of Transplantation Meeting, Banff, CA. 2003.

24. Blood Group and Crossmatch Incompatible Kidney Transplantation. “Exploring the Crisis In Transplantation: Perspectives On Living Kidney Donation” Kidney & Urology Foundation of America, Inc. New York, NY., June 2004.

25. Trends and Innovations in Living Donor Transplantation. “A Capital Quest for the Cure”. 15th Annual Conference on PKD. Washington, DC, June 2004.

26. Highly Sensitized (Positive Crossmatch) Program at the Johns Hopkins Comprehensive Transplant Center. “Quandaries in allocation – Have We Improved Access?” Investigator/Advisory meeting. Reflections on the Scientific Advancements of Transplantation in the Tacrolimus Era. Chicago, Illinois. July 2004.

27 Determining Medical Suitability of the Expanded Criteria Donor. NATCO

Miami Beach, FL., January 2005.

28. The Armamentarium Against Acute Humoral Rejection, Including the Role of Rituxamab, IVIg, Plasmapheresis, Etc. “Non-Traditional Rejection: Too Little Art or Too Little Science”. American Society of Transplant Surgeons. Miami Beach, FL., January 2005.

29. Experience Transplanting at Risk Kidney Patients: High Levels of Sensitization. “Assessment and Management of Immunologic Risk in Transplantation – a CCDT Consensus Forum”. Canadian Council for Donation and Transplantation. Montreal, Canada., January 2005.

30. ABO Incompatible and High Risk Renal Transplantation. The University of Tennessee-Grand Rounds. Visiting Professor. Chattanooga, TN., February 2005.

31. Johns Hopkins: A Single Center’s Experience with Live Donor Paired Kidney Exchanges. Live Donor Paired Kidney Donation Consensus Meeting. Chicago, IL., March 2005.

32. ABO Incompatible and Positive Crossmatch Renal Transplantation. The University of Alberta. Visiting Professor. Alberta, Canada., March 2005.

33. Positive Crossmatch and ABO Incompatible Kidney Transplantation. Oklahoma University Hospital-Grand Rounds. Visiting Professor. Oklahoma City, OK., March 2005.

34. Transplantation of the Highly Sensitized Recipients. International Society for Heart & Lung Transplantation (ISHLT). Philadelphia, PA., April 2005.

35. Highly Sensitized (Positive Crossmatch) Transplantation. Ketnote Address: 2005 Roche Asia Transplant & Immunology Forum; The Korean Society for Transplantation. Jeju-Do, Korea. April 2005.

36. The Diagnosis and Treatment of Humoral Rejection. “Kidney Transplantation into Sensitized Recipients”. American Transplant Congress 2005. Seattle, WA., May 2005.

37. Expanding Donor Criteria for Pancreas Transplantation. Scientific Program: American Transplant Congress 2005. Seattle, WA. May 2005.

38. Donor Swap Kidney Transplantation. The Johns Hopkins Department of Surgery Biennial Program. Baltimore, MD. June 2005.

39. Incompatible Transplantation. 8th Annual Nephrology Symposium; Kaiser Permanente. Anaheim, CA. July 2005.

40. Strategies for Patients with Incompatible Donors: Kidney Transplantation for Highly Sensitized and ABO Incompatible Patients. 8th Annual Nephrology Symposium; Kaiser Permanente. Anaheim, CA. July 2005.

41. Sensitized Patient Renal Transplantation. University of Miami School of Medicine-Grand Rounds. Visiting Professor. Miami, FL., August 2005.

42. Sensitized Patient Renal Transplantation. Florida Hospital-Visiting Professor. “Translife Kidney Program”. Orlando, FL., August 2005.

43. Beyond B-cell Ablative Therapy: Successful ABO Incompatible Transplantation Without Splenectomy or Anti-CD20. 2nd International Symposium on ABO Incompatibility in Transplantation. Gothenburg, Sweden. September 2005.

44. The Role of B Cells in Transplantation. Anti-CD20 Advisory Board. Paris, France., September 2005.

45. Treatment and Long-term Outcome of Antibody-Mediated Rejection. “Transplant Immunosuppression 2005: Improving Recipient Outcome”. University of Minnesota, Minneapolis, Minnesota, September 2005.

46. Optimizing the use of Tacrolimus for Prevention of Antibody Mediated Rejection in Renal Transplantation-Beyond the Barrier. “Highly Sensitized Recipient”. The 41th Annual Meeting of Japan Society for Transplantation. Niigata, Japan, October 2005.

47. New Innovations in Kidney Transplantation. Johns Hopkins Medicine Department of Surgery. Palm Beach, Florida. January 2006.

48. New Frontiers in Transplantation: Paired Kidney Exchange. Johns Hopkins Medicine Department of Surgery. Palm Beach, Florida. January 2006.

49. Options Available for Patients with Incompatible Donors. The Lankenau Hospital Kidney Transplant Program. Philadelphia, PA, May 2006.

50. ABO Incompatible Transplant and the Highly Sensitized Patient. “Transplant Teaching Conference”: Medical Science Building Lecture. Virginia Commonwealth University, Richmond, VA, May 2006.

51. Options Available for Patients with Incompatible Donors. “Free Communication-Clinical Research”. Canadian Society of Nephrology. Quebec City, Quebec Canada. May 2006.

52. Best Strategy for ABO-Incompatible Kidney Transplants – Desensitization. “3rd International Conference on Living Donor Abdominal Organ Transplantation: State of the Art”. Sardegna, Italy. June 2006.

53. How Do I Do It Section II: Desensitization Protocol and the Role of Splenectomy in ABO-Incompatible Kidney Transplantation – “Plasmapheresis”. “3rd International Conference on Living Donor Abdominal Organ Transplantation: State of the Art”. Sardegna, Italy. June 2006.

54. Dealing with Blood Group Incompatibility. “Management of The Sensitized Patient”. The World Transplant Congress 2006. Boston, MA. July 2006.

55. The Best Option for Highly Sensitized Patients is … Desensitization. “Controversies in Renal Transplantation: Defining the Importance of B Cells and Antibody Responses”. The World Transplant Congress 2006. Boston, MA. July 2006.

56. Expanding the Donor Pool in Kidney. “State of the Art Symposia”. The World Transplant Congress 2006. Boston, MA. July 2006.

57. The High PRA Patient. Midwest Kidney/Pancreas Transplant Advisory Board: Medimmune. Kohler, WI. August 2006.

58. “Options Available for Patients With Incompatible Kidney Transplant Donors”. University of Padua – Ospedale Giustinianeo, Clinical and Experimental Transplantation Immunology. Padova, Italy. September 2006.

59. “In vivo delivery of ICAN-1 siRNA reduces ischemia/Reperfusion injury in rodent orthoptic liver transplantation”. American College of Surgeons, 92nd Annual Clinical Congress. Chicago, IL. October 2006.

60. “ABO Incompatible Transplantation: Clinical Observations and Mechanistic Insights”. The Transplantation Society. TTS New Key Opinion Leader Meeting 2006. Buenos Aires, Argentina. October 2006.

61. “Setting up an Incompatible Kidney Transplant Program”. University of Oklahoma City Visiting Professor, Oklahoma City, OK. February 2007.

62. “Advances in Transplantation: Options Available for Patients with Incompatible Donors”. 39th Annual Medical Symposium National Kidney Foundation of Northern California & Northern Nevada. San Francisco, CA. March 2007.

63. “Advances in Transplantation: Options Available for Patients with Incompatible Donors”. 39th Annual Medial Symposium National Kidney Foundation of Northern California & Northern Nevada. San Jose, CA. March 2007.

64. “Options Available to Patients with Incompatible Kidney Donors”. 21st Advanced HLA Technical Workshop. 20th Clinical Histocompatibility Workshop. Cancun, Mexico. March 2007.

65. “Expanded Donor Criteria for Kidney Transplant”. Controversies in Transplantation. University of Colorado School of Medicine. Breckenridge, CO. March 2007.

66. “In vivo Efficacy of siRNA”. 2nd Annual Invitrogen Transplant Advisory Board Meeting. Lake Las Vegas, Nevada. March 2007.

67. “The US Experience”. First International Workshop on ABO-Incompatible Kidney Transplantation. Stockholm, Sweden. March 2007.

68. “Splenectomy or Rituximab or Neither Nor?” First International Workshop on ABO-Incompatible Kidney Transplantation. Stockholm, Sweden. March 2007.

69. “Succeeding in the Highly Sensitized Patient”. Renal Transplantation in the High-Risk Patient: Practical Considerations. Advanced Studies in Medicine (ASiM). New York, NY. April 2007.

70. “Paired Kidney Donation”. Kidney Disease Update 2007. National Kidney Foundation, Covenant Health System. Lubbock, TX. April 2007.

71. “Desensitization: The Johns Hopkins Experience”. Transplantation of the Highly Sensitized Patient. Royal Society of Medicine. London, England. June 2007.

72. “The Good Samaritan and Anonymous Living Organ Donation”. Third International Symposium on Living Donor Organ Transplantation. University Hospital Essen, University Duisburg. Essen, Germany. June 2007.

73. “Long Term Outcomes. The ABO-I and Highly Sensitised Patients” Roche Nephrology Transplant Symposium 2007 (RNTS). Sydney, Australia. July 2007.

74. “Crossmatch Positive Renal Transplantation”. Transplantation in the Positive Crossmatch Recipient. CTS-IPITA-IXA 2007 Joint Conference. Minneapolis, MN. Sept. 2007.

# 75. “Strong Arguments in Favor of the Live Organ Donation”. 5th Edition Short Meeting Kidney Transplantation. “Aula Foscolo” University of Pavia. Pavia, Italy. Sept. 2007.

76. “Strategies for the Sensitized Recipient”. Transplant Summit 2007: Defining the Future. Chicago, IL. Sept. 2007.

# 77. “Living Donor Kidney Transplantation: Opportunities and Challenges”. Transforming Transplantation: Advanced Strategies to Optimize Outcomes. The University of Cincinnati College of Medicine and The University of Tennessee College of Pharmacy. June, July, August, October 2007.

# 78. “Indications and Contraindications: ABO Incompatible, Paired Exchange, Desensitization”. Transplant Immunosuppression 2007 The Ongoing Search for Improvement. University of Minnesota Medical School, Division of Transplantation, Department of Surgery. October 2007.

79. “Treatment of Early C4d Positive AR”. Transplant Immunosuppression 2007 The Ongoing Search for Improvement. University of Minnesota Medical School, Division of Transplantation, Department of Surgery. October 2007.

80. “Kidney Paired Donation”. International Society for Organ Donation and Procurement 2007 Congress. Philadelphia, PA. November 2007.

81. “Crossing ABO and HLA Barriers in Renal Transplantation”. Transplantation Grand Rounds, Thomas E. Starzl Transplantation Institute, University of Pittsburgh School of Medicine, Department of Surgery, Division of Transplantation. Pittsburgh, PA. November 2007.

82. “ABO Incompatible Renal Transplantation”. Keynote Address: Annual Meeting of the Mexican Institute For Nephrological Research. Instituto Nacional de Ciencias Medicas. Puerto Vallarta, Mexico. December 2007.

83. “Options Available for Patients with Incompatible Donor”. Annual Meeting of the Mexican Institute For Nephrological Research. Instituto Nacional de Ciencias Medicas. Puerto Vallarta, Mexico. December 2007.

84. “Positive Crossmatch in Renal Transplant”. Frontiers In Transplantation. University of Utah, Salt Lake City, Utah. February 6, 2008.

85. “The Johns Hopkins Experience”. ABO Incompatible Transplantation in Canada. Canadian Kidney Transplant Working Group. University of British Columbia, Vancouver, British Columbia, Canada. February 28, 2008.

86. “Immune Risk and Desensitizing in Baltimore”. Transplant Histocompatibility Conference. University of Texas Medical School at Houston. Chicago, Illinois. March 3, 2008.

87. “Kidney Paired Donation” Current Controversies in Transplantation. Association of Health Care Journalists. Missouri School of Journalism. Health Journalism 2008 Conference. Washington, DC. March 28, 2008.

88. “Options Available to Incompatible Donors”. Karolinska Institute Karolinska University Hospital Huddinge. Department of Transplantation Surgery. Stockholm, Sweden. April 10, 2008.

89. “ABO Incompatible Renal Transplantation: The Hopkins Experience”. Margot S. Kruskall Lectureship: 2008. Harvard Medical School, Boston, Massachusetts. May 9, 2008.

90. “Transplantation in the Sensitized Recipient”. XXII International Congress of The Transplantation Society, Post Graduate Program. Sydney, Australia. August 9, 2008.

91. “Domino Effect: Understanding the Paired Donation Exchange Program”. American Association of Kidney Patients, 35th Annual National Convention. Washington, DC. August 30, 2008.

92. “Detection of donor-specific Antibodies pre-transplant: Sensitivity: specifically of the available tools”. Highly Sensitized Patients; 2nd International Vicenza Course on Kidney Transplantation” Vincenza, Italy. November 21, 2008.

93. “Antibody, Complement and Accommodation in ABO-Incompatible Transplants” ABO-Incompatible Kidney Transplantation; 2nd International Vicenza Course on Kidney Transplantation” Vincenza, Italy. November 22, 2008.

94. “Immunologically Challenging Live Donor Kidney Transplantation”; 2nd Advanced Transplant Course 2008 Hammersmith Conference Center, Hammersmith Hospital. London. November 25, 2008

95. “Innovations In Live Donor Renal Transplantation”. The University of Arizona, Department of Surgery Grand Rounds. Tucson, AZ. January 7, 2009.

96. “Transplantation of the Highly Sensitized Patient: Unmet Challenges” Management of the Highly Sensitized Patient Clinical Logistical and Financial Consideration; American Society of Transplant Surgeons Pre-Meeting Symposium CTI. Marco Island, Florida. January 15, 2009.

97. “I Won’t Back Down: Options for the Sensitized Kidney Recipient” American Society of Transplant Surgeons 9th Annual State of the Art Winter Symposium; The Right Organ for the Right Recipient. Marco Island, Florida. January 17, 2009.

98. “Paired Kidney Exchange Programs, Hopkins Experience” ABO Incompatible and Paired Kidney Exchange Programs; American Society of Transplantation Annual Winter Symposium. Fairmont Banff Springs Banff, Alberta, Canada. March 4, 2009.

99. “ABO-Incompatible Transplants: Antibodies Complement And Treatment”. Bergamo Meeting on Organ Transplantation, Bergamo, Italy. March 14, 2009.

100. “Kidney Transplantation in Highly Sensitized Patients”. ViroPharma Incorporated Wilmington, Delaware. April 3, 2009.

101. “ABO Incompatible Renal Transplantation: A Paradigm Ready for Broad Implementation”. Kidney Transplantation Symposium Crossing ABO Incompatibility and Crossmatch Positivity. Maryknoll Hospital, Busan City Korea. April 11, 2009.

102. “Options Available to Patients with Incompatible Kidney Donors”. Kidney Transplantation Symposium Crossing ABO Incompatibility and Crossmatch Positivity. Maryknoll Hospital, Busan City Korea. April 11, 2009.

103. “B Cell Depletion in Clinical Trials in Transplantation: Is It All Good?” New Insights into targeting B Cells. American Transplant Congress. Boston, MA. June 1, 2009.

104. “Desensitization with plasmapheresis and low dose immunoglobulins.” Transplantation in the hyperimmunized patient. The Transplant Society Joint Meeting IPITA-IXA 2009. Venice, Italy. October 13, 2009.

105. “New Insights into Humoral Barriers in Renal Transplantation.” Annual Day in Transplantation. University of Toronto Transplant Institute. Toronto, Canada. December 4, 2009.

106. “Innovation in the Current Regulatory Environment.” Clinical Research in Transplantation. American Society of Transplant Surgeons Pre-Meeting Symposium 10th Annual State of the Art Winter Symposium. Fort Lauderdale, Florida. January 14, 2010.

107. “ABO Incompatible Transplantation – The American Experience.” Overcoming Immunologic Barriers in Organ Transplantation. The 7th Annual Winter Meeting of the Israel Transplantation Society. Tel Aviv, Israel. January 28, 2010.

108. “New Insights into Antibody Barriers in Renal Transplantation”. High Risk Crossmatch Positive and BAO Incompatible Transplants. Transplant Rounds, St. Joseph’s Hospital. Hamilton, Ontario, Canada. March 25, 2010.

109. “Long-Term Results of Live Donor Positive-Crossmatch Transplants”. Incompatible Kidney Transplantation: A Long-Term Solution? The American Transplant Congress. San Diego, California. May 3, 2010

110. “Incompatible Kidney Transplantation”. The American Transplant Congress. San Diego, California. May 2, 2010.

111. “Transplantation in the hyperimmunized patient: Role of novel immunomodulatory strategies”. University of Padua, Aula Ramazzini, Policlinico di Padova, Ospedale Giustinianeo, Italy. June 22, 2010.

112. “Living Donor Kidney Transplantation” 5th International Conference: Living Donor Abdominal Organ Transplantation: State of the Art. Cenacolo di Ognissanti, Piazza Ognizzanti, Florence, Italy. June 25, 2010.

113. “Recent Advances in the Treatment of Cross-Match Positive Candidates in Kidney Transplantation” Highly Sensitized/ABO-Incompatible Living Donor Kidney Transplantation. 5th International Conference: Living Donor Abdominal Organ Transplantation: State of the Art. Cenacolo di Ognissanti, Piazza Ognizzanti, Florence, Italy. June 25, 2010.

114. “Paired Exchange”. Ethical Debate: Proposed Models for Increasing Organ Supply. 5th International Conference: Living Donor Abdominal Organ Transplantation: State of the Art. Cenacolo di Ognissanti, Piazza Ognizzanti, Florence, Italy. June 25, 2010.

115. “Single Port Laparoscopic Donor Nephrectomy with Trans-Vaginal Extraction”. Current Technical Issues in Living Donor Kidney Transplantation. 5th International Conference: Living Donor Abdominal Organ Transplantation: State of the Art. Cenacolo di Ognissanti, Piazza Ognizzanti, Florence, Italy. June 25, 2010.

116. “Immunosuppression in Highly Sensitized and ABO Incompatible Transplantation”. Clinical Immunosuppression. XXIII International Congress of The Transplantation Society. Post Graduate Weekend. Vancouver, Canada. August 14, 2010.

117. “Monitoring and Treatment of Antibody-Mediated Rejection”. Detection and monitoring of antibodies after Transplantation. XXXI International Congress of The Transplantation Society. Vancouver, Canada. August 19, 2010.

118. “Arranged Marriages and Trail Separations: Immunologic Acrimony in the Union Between Incompatible Donors and Recipients”. Alberta Transplant Lecture Series. University of Alberta, Edmonton, AB, Canada. September 8, 2010.

119. “Innovation in Kidney Transplantation”. Texas Children’s Hospital Pediatric Surgery Grand Rounds. Texas Children’s Hospital. Houston, Texas. October 1, 2010.

120. “Innovation in Kidney Transplantation”. Surgical Biology Club. Washington Marriott Wardman Park. Washington, DC. October 3, 2010.

121. “Experience from The Johns Hopkins”. Oxford Transplant Forum 2010. Oxford, England. October 13, 2010.

122. “Expanding Living Donor Pools through Paired Transplantation”. Kidney Disease: Best Practices for Prevention, Management and Improving Outcomes. Optum-Health Care Solutions & The National Kidney Foundation. Radisson Plaza-Warwick Hotel. Philadelphia, PA. October 25, 2010.

123. “Paired Exchange vs. Desensitization Protocols”. Expanding the Living Donor Pool: thinking Outside the Box. 11th Annual Canadian Transplant Forum. “Expanding Opportunities for Living Donation”. Ottawa, Canada. November 6, 2010.

124. “Avoiding Alloantibody: ABO Incompatible and Paired/domino kidney exchange protocols”. Antibodies, Dominos and Algorithms: Transplanting the highly sensitized patient. American Society of Nephrology, Renal Week 43rd Annual Meeting. Colorado Convention Center, Denver, CO. November 19, 2010.

125. “The Khyber Pass: the sensitized Candidate”. Times They are A Changing: The Evolving Candidate. ASTS State of the Art Winter Symposium. “Transplantation at the Crossroads”. Westin Diplomat Hotel, Hollywood, FL. January 15, 2011.

126. “Paired Exchange Donation – Kidney and Liver”. Improving Outcomes-Reducing Risks in Solid Organ Transplantation. Asia Pacific Summit, Bexco Center, Busan, Korea. January 22, 2011.

127. “Paired Donation in Kidney Transplantation”. “XXI Latin-American Organ Transplant Congress” Latin American and The Caribbean Transplant Society. Convention Center of Cartagena, Cartagena de Indias, Colombia South America. March 23, 2011.

128. “New Strategies/treatment to facilitate transplantation in the immunized kidney transplant”. “Hot Topics in renal transplantation: The sensitized recipient”. Badia Benedettina dela Castagna, Genova, Italia. April 16, 2011.

129. “Desensitization” Transplantation in Depth: Antibody Mediated Rejection: Pathogenesis, Prevention and Treatment: Debate: Swap or Desensitize? What’s the right way to go? American Transplant Congress 2011. Pennsylvania Convention Center, Philadelphia, PA. May 1, 2011.

130. “Non-HLA vs. HLA or non-HLA and HLA, take-home-messages of the symposium”. Assessing and Adapting to Risk in Kidney Transplantation: HLA and non-HLA. XM-One Transplantation Crossmatch. American Transplant Congress 2011. Marriott Hotel, Philadelphia, PA. May 2, 2011.

131. “Living Donor Transplant Desensitization Protocols”. Pre-Transplant: The Patients, The Tools, The Protocols. Eleventh Banff Conference on Allograft Pathology. Paris, France. June 5, 2011.

132. “Overview of the Sensitized Patient: Treatment Decisions (pre-transplant)”. Kidney Transplantation: Impacting long-term Outcomes. European Society for Organ Transplantation. September 5, 2011. Glasgow, United Kingdom.

133. “Innovation in Transplantation Surgery”. 6th Young European Scientist Meeting (YES). September 17, 2011. Porto, Portugal.

134. “Thymoglobulin in High Immunologic Risk Patients”. Mexican Society of Transplant Meeting. September 22, 2011. Merida City, Yucatan Mexico.

135. “ABO Incompatible Kidney Transplantation”. Indian Society for Organ Transplantation (ISOT). October 7, 2011. New Delhi, India.

136. “Paired Exchange, ABO Incompatible, or Desensitization – When?” Transplant Immunosuppression 2011 – The Difficult Issues. October 15, 2011. Minneapolis, Minnesota.

137. “Innovation In Kidney Transplantation”. The 5th Joseph E. Murray Visiting Professorship in Transplantation. Boston, MA, November 2011.

138. “Kidney Paired Donation: Past, Present, Future”. Massachusetts General Hospital Harvard Medical School Transplant Center. Boston, MA, April 13, 2012.

139. “Incompatible Kidney Transplantation” Goody Endowed Lectureship, Georgetown University Hospital, Washington, DC, April 19, 2012.

140. “The State-of-Art in Management of Antibody-Mediated Rejection”. International Symposium on Antibody-Medicated Rejection in Kidney Transplantation. Veteran General Hospital, Taichun Transplantation Society of Taiwan. May 19, 2012.

141. “Desensitization in the context of Kidney Exchange”. American Transplant Congress, Desensitization: State of the Art. Boston, MA, June 5, 2012.

142. “Desensitization”. 5th Waddensymposium Modulating and Monitoring Alloreactivity. Texel, the Netherlands, June 27, 2012.

143. “Incompatible Kidney Transplantation: State of the Art”. 6th International Conference Living Donor Abdominal Organ Transplantation: State of the Art. Puglia, Italy, October 5, 2012.

144. “Innovations to Expand Live Kidney Donation”. 7th annual Oscar Salvatierra, Jr., MD Lecturer. Stanford University School of Medicine, Menlo Park, CA, November 6, 2012.

145. “Antibody and Cell Mediated Rejection: The Highly Sensitized Transplant Recipient”. American Society for Reconstructive Transplantation. Chicago, Illinois, November 16, 2012.

146. “Kidney Transplantation Across Both ABO & HLA Barriers”. French Speaking Transplant Society, 12th Congress Annual Meeting. Nantes, France. December 13, 2012.

147. “Strategy and Logistics of Combining Desensitization and Kidney Paired Donation”. French Speaking Transplant Society, 12th Congress Annual Meeting. Nantes, France. December 14, 2012.

148. “Update & Debate on Desensitization: The Role of Plasmapheresis”. ASTS 13th Annual State of the Art Winter Symposium Success at the Margins. Miami, Florida. February 1, 2013.

149. “The Clinical Challenge: The Sensitized Patient”. AST Cutting Edge of Transplantation. Chandler/Phoenix, Arizona. February 14, 2013.

150. “Difficult Issues in the Management of Renal Transplant Patients – Managing Highly Sensitized Patients”. Mini-Summit in Seoul. Seoul, Korea. February 27, 2013.

151. “Managing Highly Sensitized Patients” 8th Asia Pacific Summit on Solid Organ Transplantation. Hong Kong, March 2, 2013.

152. “Issues In Assessing The Living Kidney Donor” 8th Asia Pacific Summit on Solid Organ Transplantation. Hong Kong, March 2, 2013.

153. “A GPS for Finding the Route to Transplantation for the Sensitized Patient”. Saudi International Congress on New Frontiers in Organ Transplantation 2013 (SICOT 2013). Riyadh, Saudi Arabia. March 4, 2013.

154. “Paired Kidney Donation”. Saudi International Congress on New Frontiers in Organ Transplantation 2013 (SICOT 2013). Riyadh, Saudi Arabia. March 5, 2013.

155. “Overcoming Obstacles: Managing Sensitized Patients”. One Lambda Clinical Histocompatibility Workshop. Orlando, Florida. March 7, 2013.

156. “Desensitization and Kidney Paired Donation” Future Directions in Kidney Paired Exchange. The National Kidney Registry Symposium. New York, NY. April 19, 2013.

157. “Kidney Transplantation: Antibodies are Barrier- or are they?” American Transplant Congress. Seattle, Washington. May 19, 2013.

158. “The Role of Plasmapheresis in Treatment of AMR” American Transplant Congress. Seattle, Washington. May 20, 2013.

159. “Desensitization: What have we Learned” American Transplant Congress. Seattle, Washington. May 21, 2013.

160. “Transplanting the Sensitized Patient” 16th Congress of the European Society of Organ Transplantation. Vienna, Austria. September 8, 2013.

161. “Desensitization vs. Paired Exchange?” Transplant Immunosuppression 2013: An In-Depth Look at Today’s Issues. Minneapolis, Minnesota. October 18, 2013

162. “Incompatible Kidney Transplantation” 8th Annual Interdisciplinary Transplant Symposium. Hartford, Connecticut. November 7, 2013.

163. “Hopkins: A Model of a Specialized Program for Incompatible Transplantation” Terasaki Festschrift. Los Angeles, CA. January 26, 2014.

164. “Highly Sensitized Kidney Recipients” Overcoming Obstacles for Sensitized Recipients. Transplant Grand Rounds, University of Texas-San Antonio. January 31, 2014.

165. “ABO Incompatible”. Controversies In Transplantation. Breckenridge, Colorado. February 21, 2014.

166. “Disruptive Thinking and Innovation” Alpha Omega Alpha Lecture University of Rochester School of Medicine and Dentistry. Rochester, New York. February 27, 2014.

167. “Highly Sensitized Kidney Recipients” Overcoming Obstacles for Sensitized Recipients. Transplant Grand Rounds, University of Iowa Hospital Organ Transplant Center. May 6, 2014.

168. “Innovation In Kidney Transplantation” Irish Nephrology Society Annual Scientific Meeting 2014. Dublin, Ireland. June 6, 2014.

169. “Antibody Mediated Rejection” World Transplant Congress 2014, San Francisco, CA. July 25, 2014.

170. “Minimizing Risk of Sensitization with Paired Donation” World Transplant Congress 2014, San Francisco, CA. July 29, 2014.

171. “New Horizons in Kidney Transplant: Preventing Antibody-Mediated Rejection in Sensitized Patient” University of New Mexico Peer View CME Symposium. San Francisco, CA. July 29, 2014.

172. “Living Donor Tolerance Protocols” 7th International Conference Living Donor Abdominal Organ Transplantation. Padova, Italy. September 26, 2014.

173. “Johns Hopkins Experience” Desensitization and transplant Antibodies Course (DATA) Florida Hospital Transplant Institute. Orlando, Florida. October 2, 2014.

174. “A Surgeon’s Perspective – Eliminating Obstacles to get More Transplants” American Society for Histocompatibility and Immunogenetics 40th Annual Meeting. Denver, Colorado. October 24, 2014.

175. “Living donor Tolerance Protocols” Transplantation Update 2015. Ahmedabad, India. January 9, 2015.

176. “Desensitization versus Kidney Paired Donation for Incompatible Kidney Transplants” Transplantation Update 2015. Ahmedabad, India. January 9, 2015.

177. “The Next Big Thing (s) in Organ Transplantation” Transplant Grand Rounds, Thomas E. Starzl Transplant Institute. University of Pittsburgh, Pennsylvania. January 30, 2015.

178. “Live Donor Kidney Transplant Tolerance Protocols” Controversies in Transplantation. Breckenridge, Colorado. March 6, 2015.

179. “ABO Incompatible Transplantation” IPTA 8th Congress on Pediatric Transplantation San Francisco, California. March 28, 2015.

180. “Transplanting the Highly Sensitized Patient: Trials and Tribulations” IPTA 8th Congress on Pediatric Transplantation San Francisco, California. March 28, 2015.

181. “A Heinous Happening at Hopkins” American Transplant Congress 2015. Philadelphia, Pennsylvania. May 3, 2015.

182. “Incompatible Transplants and Surgical Adventures” 1st “All Ireland” Transplant Forum Dublin, Ireland. September 10, 2015.

183. “High risk donors, results from a valuable resource” 1st “All Ireland” Transplant Forum Dublin, Ireland. September 11, 2015 – Keynote Speaker.

184. “Innovation in Kidney Transplantation” 89th Annual Halsted Society Meeting Thomas Jefferson University, Philadelphia, PA. September 19, 2015.

185. “Incompatible Kidney Transplants, Tolerance” Mt. Sinai, St. Luke’s Roosevelt Hospital Grand Rounds. New York, NY. September 30, 2015.

186. “Protocols for Preventing/Treating ABMR: Results and Perspectives”

 BANFF-CST Joint Scientific Meeting Vancouver, British Columbia. October 8, 2015.

187. “Approach to the highly sensitized Patient – How I Do It:” Transplant Immunosuppression, Minneapolis, Minnesota. October 9, 2015.

188. “Treatment of AbMR” presensitized patient: early, late and Unsensitized patient; early, late” Transplant Immunosuppression, Minneapolis, Minnesota. October 9, 2015.

189. “Approach to de novo DSA: Bx? Treat? How I Do It” Transplant Immunosuppression, Minneapolis, Minnesota. October 9, 2015.

190. ‘ABO Incompatible Transplantation: To Do or Not to DO?” Miami Transplant International Symposium 2015, Miami, Florida. October 23, 2015.

191. “Transplanting the highly sensitized patient” Refresher Course in Renal Transplantation, Nephrology Institute. La Havana, Cuba. November 5, 2015.

192. “Live donor tolerance protocols” Refresher Course in Renal Transplantation, Nephrology Institute. La Havana, Cuba. November 5, 2015.

193. “ABO Incompatible Transplantation” Refresher Course in Renal Transplantation, Nephrology Institute. La Havana, Cuba. November 5, 2015.

194. “Clinical Benefits of Eculizumab” Alexion aHUS Medical Training Meeting Cambridge, Massachusetts. November 19, 2015.

195. “Kidney Transplantation: Technical Challenges” American Transplant Congress 2016. June 12, 2016.

196. “Kidney AMR: Making the Diagnosis” American Transplant Congress 2016. June 12, 2016.

197. “What to Do In Patients with Post-Transplant DSA?” 26th International Congress of The Transplantation Society, Hong Kong. August 18, 2016.

198. “Tocilizumab” 26th International Congress of The Transplantation Society, Hong Kong. August 21, 2016.

199. “What to do in patients with post-transplant DSA?” 26th International Congress of The Transplantation Society, Hong Kong. August 21, 2016.

200. “Triple Black Diamond Kidney Transplants’ 8th Living Donor Abdominal Organ Transplant Conference: State of the Art, Trieste, Italy. Sept 9, 2016.

201. “Latest Transplant Surgical Innovations at JHH & NYULMC and Opportunities for Operations Researchers”, Johns Hopkins Symposium on Healthcare Operations When Organ Transplantation Meets Operations Research, Baltimore, MD. October 1, 2016.

202. “Innovation in Kidney Transplantation” NYU General Surgery Grand Rounds, NYU Langone Health New York, NY. December 21, 2016.

203. “Treatment of Chronic Antibody Mediated Rejection” Cutting Edge of Transplantation (CEOT) Phoenix, AZ. February 23, 2017.

204. “New Developments in Desensitization Protocols; Is there a Standard of Care?”

FDA Public Workshop: Antibody Mediated Rejection in Kidney Transplantation. Silver Spring, MD. April 12, 2017.

205. “AMR: Transplant Glomerulopathy and Emerging Therapies” ATC Symposia on CMV & AMR Infection & Rejection in Solid Organ Transplantation: Improving Outcomes in CMV & AMR Chicago, IL. May 1, 2017.

206. “Hematopoietic Stem Cell Therapy for Live Donor Kidney Transplant Tolerance Protocols” Hematology 2017 8th Cuban Congress on Hematology, 10th Latin-American Meeting on Hematology, Immunology and Transfusion Medicine. Havana, Cuba May 11, 2017.

207. “Antibodies and Transplantation” NYU Medical Grand Rounds NYU Langone Health New York, NY. June 7, 2017.

208. “Options Available to the Hyperimmunized Patient” 14th Congress of the International Xenotransplantation Association (IXA 2017) Baltimore, MD. Sept 20, 2017.

209. “AMR: Transplant Glomerulopathy and Emerging Therapies” ATC Symposia on CMV & AMR Infection & Rejection in Solid Organ Transplantation: Improving Outcomes in CMV & AMR. ESOT 2017 Barcelona Congress. Barcelona, Spain. Sept 26, 2017.

210. “Leadership in Transplantation” ESOT 2017 Barcelona Congress. Barcelona, Spain. Sept 27, 2017.

211. “ABO Incompatible Transplant” Transplant Immunosuppression 2017: Achieving Long Term Success, University of Minnesota Minneapolis, MN. October 13, 2017.

212. “Treatment of AMR” Transplant Immunosuppression 2017: Achieving Long Term Success, University of Minnesota Minneapolis, MN. October 13, 2017.

213. “Development of New Onset DSA – How I Do It” Transplant Immunosuppression 2017: Achieving Long Term Success, University of Minnesota Minneapolis, MN. October 13, 2017.

214. “The NYU Langone Transplant Institute: A new model for managing end stage organ disease” NYU Winthrop Department of Medicine Annual Forum Garden City, NY. October 19, 2017.

215. “ABO Incompatible Transplantation: Identification of Candidates and Care of the Recipients” Intas India Transplant Conference Webinar, November 21, 2017.

216. “AMR: Diagnosis and Treatment” Tianjin First Transplant Center, Tianjin, China, December 15, 2017.

217. “Overcoming Complement in Transplant Rejection” American Transplant Congress 2018, Seattle, Washington, June 5, 2018.

218. “Complement Inhibition in Transplantation for Prevention and Treatment of AMR” 11th International Conference on Complement Therapeutics, Crete, Greece, June 25, 2018.

219. “Management of the Highly Sensitized Patient” XXVII International Congress of The Transplant Society (TTS) Meeting, Madrid Spain, June 30, 2018.

220. “IdeS: A New Approach to Desensitization” XXVII International Congress of The Transplant Society (TTS) Meeting, Madrid Spain, June 30, 2018.

221. “Is IdeS a Game Changer for Sensitized Patients” 9th Living Donor Abdominal Organ Transplant Conference: State of the Art, Matera, Italy. August 29, 2018.

222. “Pharmacologic Complement Inhibition in the Prevention and Treatment of Antibody Mediated Injury of Transplanted Kidneys”. Cutting Edge of Transplantation (CEOT) Phoenix, AZ. February 2019.

223. “Evidence for IDIS and other biologics” Consensus Guidelines for Diagnosis and Treatment of Anti-Body Mediated Rejection. TTS/CSL Behring Education Grant Beverly Hills, CA March 7, 2019.

224. “Prevention and treatment of clinical antibody-mediated Allograft Rejection” Pathways to Clinical Xenotransplantation. University of Alabama at Birmingham. March 21, 2019.

225. “That the powerful play goes on, and you may contribute a verse” The Howard Fox Lecture Series, The Ronald O. Perelman Department of Dermatology. NYU Post-Graduate Medical School. New York, NY. April 19, 2019.

226. “Debate: clinical trial for xenotransplant: con: I am not sure I will refer my patient to you for this trial” American Transplant Congress. Boston, MA. June 4, 2019.

227. “The Role of Complement in the Pathophysiology, Prevention and Treatment of Antibody Mediated Rejection in Solid Oran Transplants” 12th International Conference on Complement Therapeutics, Rhodes, Greece. June 16, 2019.

228. “Desensitization across HLA in Transplantation”. FOCIS 2019: Regulatory Mechanisms of Innate Immune Responses that Influence Transplantation, Autoimmune Disease and Cancer, Boston, MA. June 18, 2019.

229. “Treating HLA antibodies pre-transplant/desensitization Approaches”. Terasaki Antibody Symposium, Los Angeles, CA. July 20, 2019.

230. “IdeS a new paradigm for Desensitization” 2019 Chilean Transplant Congress, Santiago, Chile. August 22, 2019.

231. “Complement Inhibition in renal transplantation” 2019 Chilean Transplant Congress, Santiago, Chile. August 22, 2019.

232. “The utilization of HCV positive organs in HCV negative recipients” 2019 Chilean Transplant Congress, Santiago Chile. August 22, 2019.

233. “Empathy: Patient Experience Real Time; Now It’s Me” KEYNOTE Address at the Heart Failure Society of America (HFSA) 23rd Annual Scientific Meeting, Philadelphia PA September 14, 2019.

234. “Identify unmet needs/challenges and issues in the management of Antibody Mediated Rejection” ESOT 2019 Symposia Copenhagen, Denmark. September 17, 2019.

235. “Selecting candidates for desensitization/paired exchange and characterizing risk” Transplant Immunosuppression 2019, Minnesota MN. September 20, 2019

236. “What Has Been and What Will Be: A Transplant Odyssey” KEYNOTE Address at ASHI/BANFF Joint Scientific Meeting, Pittsburgh PA. September 24, 2019.

237. “Antibody Medicate Rejection Related Clinical Trials: The Slippery Slope into Confusion and Prospect for Improvement” ASHI/BANFF Joint Scientific Meeting, Pittsburgh PA. September 25, 2019.

238. “Hep C+ into Hep C- Organ Transplantation”. KEYNOTE speaker 2019 Kidney/Pancreas Transplant & Nephrology Symposium. UC Irvine, CA. October 4, 2019.

239. “The Journey So Far… Immune Interventions”. NYU School of Medicine Student Lecture Transplant Immunology. New York, NY October 8, 2019

240. “State-of-the-Art Desensitization: Increasing Access to Transplantation by Being Willing to Cross Antibodies”. 2019 Canadian Transplant Summit. Banff, Canada. October 17, 2019.

241. “Terminal Complement Inhibition – current experience”. 3rd Biennial DATA Course. Orlando, FL. October 31, 2019.

242. “Your Patient is Suitable! Expanding the Donor Pool”. 6th Synergy for Life Symposium 2019 Washington Regional Transplant Community (WRTC). Falls Church, VA. November 1, 2019.

243. “My Journey as a Transplant Surgeon and Patient” International Transplantation Science Meeting. Transplant Community Roundtable. Clearwater, FL. November 11, 2019.

244. “Exploring the Use of Complement Blockers in Kidney Transplantation”. 3rd Annual Complement-Based Drug Development Summit. Boston, MA. November 13, 2019.

245. “Imlifidase (IdeS) a promising new approach for HLA desensitization’ Workshop on Allosensitiation in Hematopoietic Stem Cell Transplantation. Haploidentical Transplantation 2019. Orlando, FL. December 5, 2019.

246. “The Present and Future of Transplantation” Israeli Transplantation Society. Nazareth, Israeli. December13, 2019.

247. “The Present and Future of Immunosuppression” Israeli Transplantation Society. Nazareth, Israeli. December13, 2019.

248. “Surgeon to Patient Transplant Experience” Patient presentation: Immunology”. Mount Sinai Immunology Lecture Session. New York, NY January 27, 2020.

249. “My Journey as a Transplant Surgeon and Patient” Temple University Hospital General Surgery Grand Rounds. Philadelphia, PA February 12, 2020.

250. “What has been and what will be: A Transplant Odyssey” Advanced HLA Technical Workshop, Paul I. Terasaki Antibody Lecture, One Lambda. Rancho Mirage, CA March 4, 2020

251. “Equity: Kidney Track: Equity in Kidney Transplantation: Past, Present & Future”. CEoT Transplant Summit. Arizona Biltmore, Phoenix, AZ. March 5, 2020.

252. “My Life as a Patient Being a Transplant Surgeon”. Columbian Transplant Center. May 7, 2020.

253. “What has been & what will be: A Transplant Odyssey” John S. Najarian, MD Lecture in Transplantation. The Department of Surgery Grand Rounds, University of Minnesota. May 12, 2020.

254. “Imifidase” CART Transplant Research Meeting. Hematology/Oncology Hospital of the University of Pennsylvania. May 28, 2020

255. “COVID-19 Solid Organ Transplant Registry and new frontiers in transplantation: HCV, HIV, IDES etc.” Medical Webinar COVID-19 Solid Organ Transplant Registry. Sans Couci Conference Szczecin, Poland. July 14, 2020,

256. “Assessment and Management of Immunological Risk” International Society of Nephrology (ISN)-The Transplantation Society (TTS) Webinar: “Immunological Risk Assessment and Management”. July 29, 2020.

257. “Kidney Paired Donation: How it started and Where it is Going” The Cutting Edge In Transplantation: 21st Cutting Edge in Transplantation Conference in the 21st Century. University of Minnesota Health. Webinar: August 20, 2020.

258. “Highly Sensitized Waitlist Candidates – IdeS” Charite Kidney Transplant Symposium. Charite University Medicine Berlin, Germany. September 11, 2020.

259. “The Journey So Far… Immune Interventions”. NYU School of Medicine Student Lecture Transplant Immunology. New York, NY October 13, 2020

260. “The Transplant Institute: Zero to One” Grand Rounds Department of Surgery NYU Langone Winthrop Hospital. January 25, 2021.

261. “Transplant Recipient Perspectives” The National Academies of Sciences, Engineering and Medicine; Committee on A Fairer and More Equitable, Cost-Effective, and Transparent System of Donor Organ Procurement, Allocation and Distribution. February 5, 2021.

262. “Emerging therapeutic strategies, considerations in study design and new potential endpoints” Focus: Chronic Antibody-Mediated Rejection. CEoT, Transplant Summit 2021 Innovations in Modern Immunosuppression: Ideas and Implications. Webinar February 26, 2021.

263. “Personalizing Post-Transplant Care: Can Precision Diagnostics Improve Patient Outcomes? One Lambda Transplant Diagnostics Thermo Fisher Scientific Symposium. CEoT, Transplant Summit 2021. Webinar February 26, 2021.

264. “Implementation of Paired Liver Donation in a LDLT Program” American Transplant Congress 2021. June 6, 2021.

265. “The Transplant Surgeon Needed a New Heart-Even if It Had Hepatitis C” AAKP Healthline Innovator Series /Delta Virus, Vaccines, & Kidney Patients: Ongoing Threats to Weak Immune Systems and Kidney Transplants. July 8, 2021.

266. “Different approach in Immunosuppress to ABO and HLA-incompatible organ transplantation” The Transplantation Society Masterclass. July 12, 2021.

277. “Transplant Surgeon Becomes Transplant Patient: HepC Heart Transplant”

2021 NATCO Conference “Believe in Yourself: Make a Difference”. August 5, 2021.

278. “Optimizing Volume and Outcomes Using Distressed Organs” The Transplant Surgeon Needed a New Heart-Even if It Had Hepatitis C. Liver Center Northwest “All Hands Meeting”. August 19, 2021.

279. “A 360-degree View of Risk” ESOT 2021 The 20th Congress of The European Society for Organ Transplantation. Virtual talk August 29, 2021.

280. “Ask the Experts: Delta Variant & COVID-19 Boosters for Transplant Patients” CareDx Patient Webinar. September 1, 2021.

281. “Update on Immunosuppressive Strategies for ABO- and HLA-Incompatible Kidney and Non-Kidney Transplantation” 44th Italian Society for Organ and Tissue Transplantation (SITO). October 4, 2021.

282. “International COVID-19 Solid Organ Transplant Registry” 15th Congress of the Polish Transplantation Society. October 15, 2021.

283. “Connect to Purpose: Transplant Surgeon Becomes Transplant Patient” Organ Donation and Transplantation Summit; A Regional Collaboration Aimed at Improving Outcomes. October 27, 2021.

284. “Unconventional Renal Allograft Landing Sites (Venous Anastomosis) In the Presence of Near Total Caval Thrombosis” VEITH Symposium, Orlando, FL November 16, 2021.

285. “Innovation in Transplantation: Xenotransplantation” AAKP Healthline. November 11, 2021.

286. “Xenotransplantation: A Success Story” 51st Annual Conference of the Indian Society of Nephrology. December 11, 2021.

287. “Xenotransplantation: A Success Story” National Heart, Lung & Blood Institute Workshop “How Can We Use Bio-engineering Approaches to (Re) Build a Lung” December 16, 2021.

288. “Results of the First Successful Pig-To Human Xenotransplantation” George Washington University Surgery Grand Rounds. December 22, 2021 Washington, DC.

289. “Xenotransplantation: Present and Future” Colombiana de Trasplantes, Puerto Colombia. February 17, 2022.

290. “Updates on Xenotransplantation and the Artificial Kidney” OptumHealth Essentials of Oncology, Solid Organ and Blood/Marrow Transplant Management. Scottsdale, AZ March 14, 2022.

291. “Xenotransplantation: Have We Turned the Last Corner?” Alberta Transplant Institute Seminar Series, University of Alberta Canada. March 16, 2022.

292. “Review of the World’s first Pig-to-Human Kidney Transplant” CareDx Xenotransplantation Innovation Day. March 22, 2022.

293. “Recent Advances in Xenotransplantation and Changing Societal Norms Around its Acceptability” 2022 STAT Breakthrough Summit. Apella Space NYU Langone Health March 31, 2022.

294. “Xenotransplantation: Present and Future” Master Event of Transplantation 2022 Sanofi. Mexico City, Mexico April 6, 2022.

295. “Introduction to Current Level of Interest and Excitement” Enhancing Kidney Transplantation: The Role of Xenografts. National Kidney Foundation Washington, DC April 11, 2022.

296. “Resilience – Journey of the Transplant Surgeon as a Transplant Recipient” 2022 Joint International Congress of ILTS, ELITA & LICAGE. May 5, 2022.

297. “Xenotransplantation – Implications for VCA” 15th Meeting of the International Society of Vascularized Composite Allotransplantation 2022. June 6, 2022.

298. “Innovation in Transplantation Session: The NYU Xenotransplant Experience, the ethics, next steps, etc.” American Transplant Congress 2022. Boston, MA June 6, 2022.

299. “Pro-the Opportunities are Limitless and the Benefits Unrealized” Kidney Paired Donation First & Foremost: Decoupling All Donor and Recipient Pairs Should Become Standard of Care. American Transplant Congress 2022. Boston, MD June 7, 2022.

300. “Xenotransplantation: Turning the Corner” 10th International Conference: Living Donor Abdominal Organ Transplantation. Gubbio, Italy June 17, 2022.

301. “Clinical Xenotransplantion: Implications for Complement Inhibition. 14th International Conference on Compliment Therapeutics. Rhodes, Greece June 21, 2022.

302. “Clinical Xenotransplantation Updates” Grand International Forum of Transplantation (GIFT) Chana-ShenZhen China. July 5, 2022.

303. “Characterizing the Next Generation of Transplantation: Xeno & Multi-Modality” ASTS Summer Winter Symposium. Miami, FL August 5, 2022.

304. “The Najarian Lecture: A Search for an Adequate and Sustainable Organ Supply”

ASTS Summer Winter Symposium. Miami, FL August 5, 2022.

305. “A primer on DSA Management pre- and post- transplant” 29th International Congress of TTS. Buenos Aires, Argentina September 11, 2022.

306. “Current & Future models for xenotransplantation” 29th International Congress of TTS. Buenos Aires, Argentina September 14, 2022.

307. “The Story of an Unlikely Personal and Professional Transplant Odyssey: Xenotransplantation NYUU Langone Experience” MUSC Heart Transplant Retreat. Charleston, SC September 28, 2022.

308. “Personal Experience with Transplantation” KEYNOTE Address 31st Annual National Conference Optum Health Education. Bloomington, MN October 19, 2022.

309. “Recent Developments in Moving Xenotransplantation into the Clinic” 2022 ASHI Scientific Meeting. Las Vegas, NV October 25, 2022.

310. “Life Saving Potential of Xenotransplantation” American Dermatological Association (ADA) 142nd Annual Meeting. Quebec City, Canada October 29, 2022.

311. “Use of the newly deceased as Research Subjects – Clinical Perspective” American Society for Reconstructive Transplantation (ASRT) Biennial Meeting. Chicago, IL November 4, 2022.

312. “The Story of an Unlikely Personal and Professional Transplant Odyssey” Department of Surgery Grand Rounds Westchester Medical Center. Valhalla, NY November 30, 2023.

313. “The Story of an Unlikely Personal and Professional Transplant Odyssey: Xenotransplantation NYU Langone Experience” University of Wisconsin Department of Surgery Grand Rounds. Madison, Wisconsin February 8, 2023.

314. “Xenotransplnatation: Past Present and Future” Johns Hopkins University School of Medicine Division of Nephrology Department of Surgery Grand Rounds. Baltimore, MD February 17, 2023.

315. “Pig Kidney Transplant – The Story of the Transplant. What is next for the future?” 15th Annual SouthWest Nephrology Nursing Symposium. Albuquerque, NM February 25, 2023.

316. “An Unlikely Personal and Professional Transplant Odyssey” University of Colorado Transplant Surgery Grand Rounds. Denver, CO March 1, 2023.

317. “The Development of Molecular Diagnostics for Xenotransplantation” 3rd Kidney Replacement Therapy & Critical Care Nephrology Conference. Riyadh, Saudi Arabia March 16, 2023.

318. “Xenotransplantation: Turning the Corner” 3rd Kidney Replacement Therapy & Critical Care Nephrology Conference. Riyadh, Saudi Arabia March 18, 2023.

319. “The Story of an Unlikely Personal and Professional Transplant Odyssey” 3rd Kidney Replacement Therapy & Critical Care Nephrology Conference. Riyadh, Saudi Arabia March 18, 2023.

320. “Xenotransplantation: Past, Present and Future” 8th annual O.H. “Bud” Fraxier Transplant Roundup Conference. Baylor St. Luke’s Medical Center Houston, TX March 24, 2023.

321. “Initial experience in pig-to-human kidney and heart xenotransplantation” 12th Congress of the International Pediatic Transplant Association. State-of-the-Art Session Austin, TX March 28, 2023.

322. “The Ethics of Xenotransplantation” 29th Annual Thomas Pitts Memorial Lectureship: The Ethics of Organ Transplantation. Charleston, SC April 7, 2023.

323. “Xenotransplantation: The Future is Now” The International Society for Heart and Lung Transplantation. Denver, Colorado April 22, 2023.

324. “Xenotransplantation: Past, Present and Future” 31st Annual UNOS Transplant Management Forum. Denver, CO May 16, 2023.

325. “The story of an unlikely personal and professional transplant odyssey” The Gift of Life Strategic Retreat. Lafayette Hill, PA May 19, 2023.

326. “Xenotransplantation: Using Genome Editing to Overcome Molecular and Immunologic Incompatibilities”. 15th International Conference on Complement Therapeutics. Chania, Greece May 30, 2023.

327. “Take A Chance on Me: Immunologic Considerations and Immunosuppression Strategies in Dual Organ Transplantation” American Transplant Congress. San Diego, CA June 3, 2023.

328. Designing and Implementing Human Clinical Trials in Xenotransplantation” American Transplant Congress. San Diego, CA June 4, 2023.

329. “Use of Death Donors as Clinical assessments of Xeno-Organs” Mechanical Support and Thoracic Transplantation Summit. Toronto, ON, Canada June 10, 2023.

330. “Antigens/Xenotransplantation” Postgraduate Training Course. Transplant Society of Australia and New Zealand (TSANZ). Brisbane, Australia June 17, 2023.

331. “Advances in Xenotransplantation” Transplant Society of Australia and New Zealand (TSANZ). Brisbane, Australia June 18, 2023.

332. “HLA Desensitization: Past, Present and Future Hansa Biopharma Live Symposium “Management of the Highly Sensitized Patient: HLA Assessment to Perioperative Management” at Transplant Society of Australia and New Zealand (TSANZ). Brisbane, Australia June 18, 2023.

333. “Desensitization Strategies and Emerging Therapies for Antibody mediated rejection” Transplant Society of Australia and New Zealand (TSANZ). Brisbane, Australia June 19, 2023.

334. “Precision Medicine: Kidney for Life Early Experience” National Kidney Registry Symposium. New York City, NY June 30, 2023.

335. “Future of Transplant” National Kidney Donoation Organization Living Donor Symposium. New York City, NY June 30, 2023.

336. “Immunosuppression for Xenotransplantation”. IPITA-IXA-CTRMS 2023 Congress, San Diego, California. Oct 26-29, 2023.

337. “Road to Xenotransplantation Clinical Trials: Decedent Model”: A supplement or the Substitute. IPITA-IXA-CTRMS 2023 Congress, San Diego, California. Oct 26-29, 2023.

338. “Performing Transplants in Ukraine during the Russian Invasion: Limitations and Gratification” VEITH 50thAnnual Symposium, New York, NY. November 16, 2023.

339. “The Decedent Model for Advancing and De-Risking Xenotransplantation” Annual Richard H. Johnson Scientific Retreat, Thomas E. Starzl Transplantation Institute. University of Pittsburgh, Pittsburgh, PA. November 17, 2023.

ENDOWED LECTURESHIPS

1. “Innovation in Kidney Transplantation”. The 5th Joseph E. Murray Visiting Professorship in Transplantation. Boston, MA, November 2011.

 2. “Complement Inhibition in Kidney Transplantation”. The Andrew Lazarovits Memorial Lectureship. Quebec City, Canada, 2012.

3. “Incompatible Kidney Transplantation” Goody Endowed Lectureship, Georgetown University Hospital, Washington, DC, April 19, 2012.

4. “Innovations to Expand Live Kidney Donation”. 7th Annual Oscar Salvatierra, Jr., MD Lecturer. Stanford University School of Medicine, Menlo Park, CA, November 6, 2012.

5. “Assessment and Management of Post-Transplant Donor Specific Antibodies”. The Terasaki Lecture. BSHI. Oxford, England. September 14, 2016.

6. “Options Available to the Hyperimmunized Patient”. The Goran Klintmalm Lecture. Texas Transplant Society Meeting. San Antonio Texas. July 27, 2018.

7. “What has been & what will be: A Transplant Odyssey” John S. Najarian, MD Lecture in Transplantation. The Department of Surgery Grand Rounds, University of Minnesota. May 12, 2020.

8. “New Innovations in Transplantation Driven By My Own Transplant Journey”. The 50th Annual Benjamin S. Park, Jr., MD Visiting Professor Lectureship. Weill Cornell Medicine New York Presbyterian. December 14, 2020.

9. “The Story of an Unlikely Personal and Professional Transplant Odyssey” The 2022 Anthony B. Rishwain Lecturer. University of California, San Francisco. February 9, 2022.

10. “The Story of an Unlikely Personal and Professional Transplant Odyssey” The Henry Ford Transplant Institute Grand Rounds 2022 Lecturer. May 2, 2022.

11. “Xenotransplantation: First in man pig-to-human kidney transplantation” 2022 Michael van Vloten Keynote Lecture Annual Meeting of the Dutch Surgical Society Amsterdam the Netherlands May 20, 2022.

12. “Recent Advances in Clinical Xenotransplantation” 2022 Whitehead Visiting Professor of Surgery, Department of Surgery Grand Rounds Emory University Atlanta, GA May 25, 2022.

13. “Xenotransplantation: Turning the corner at last” Anderson Newton Endowed Lecture in Transplantation. St. Louis, MO December 1, 2022.

14. “Xenotransplantation: A reality” 2023 Al Unser Memorial Lecture/Inaugural Igal Kam, MD Distinguished Visiting Professorship. Vail, CO March 3, 2023.

15. “The Story of an Unlikely Personal and Professional Transplant Odyssey” 2023 Ferguson Ottinger Visiting Professor Massachusetts General Hospital Department of Surgery Grand Rounds. Boston, MD April 27, 2023.

16: “Xenotransplantation: Turning the Corner at Last” Klintmalm Lectureship Annette C and Harold C. Simmons Transplant Institute Baylor Scott & White, Baylor University Medical Center, Dallas, TX November 3, 2023.

17. “The Story of an Unlikely Personal and Professional Transplant Odyssey” Keynote Speaker: The Ori Rotstein Lecture in Translational Research. Institute of Medical Science, University of Toronto, Toronto, ON Canada. November 15, 2023.

18. “The Story of an Unlikely Personal and Professional Transplant Odyssey” 2023 Diethelm Lectureship, University of Alabama Birmingham, Department of Surgery, Division of Transplantation. Birmingham, AL. November 28, 2023.