

Curriculum Vitae
Juliet Emamaullee, MD, PhD, FRCSC, FACS

Office Address:

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Maiden name: Juliet Ann Ramirez

Current Titles and Affiliations:

- 08/2017-present: Assistant Professor of Clinical Surgery, Department of Surgery, USC
 - kidney, pancreas, liver (pediatric, living donor) transplantation
 - Privileges: Keck Hospital of USC, Children's Hospital-Los Angeles
- 01/2019-present: Assistant Professor of Immunology, Department of Molecular Microbiology and Immunology, USC
- 09/2019-present: Associate Chief, Division of Clinical Research, Department of Surgery, USC
- 01/2021-present: Research Director, Division of Abdominal Organ Transplantation, Children's Hospital-Los Angeles

Previous Academic and Professional Appointments:

- 07/2015-06/2017: Fellow in Hepato-Pancreatico-Biliary and Transplant Surgery
 - kidney, pancreas, liver (pediatric, living donor), islet
 - Department of Surgery, University of Alberta, Edmonton, Alberta
- 07/2014-06/2015: Chief Resident, General Surgery
 - Department of Surgery, Emory University, Atlanta, GA
- 07/2010-06/2014: Resident, General Surgery
 - Department of Surgery, Emory University, Atlanta, GA
- 06/2005-06/2009: Postdoctoral fellow, Department of Surgery
 - University of Alberta, Edmonton, Alberta
 - Project: *Caspase Inhibitor Therapy in Islet Transplantation*
 - Supervisor: A.M. James Shapiro, MD, PhD (Professor of Surgery)

Licensure/Boards/Certifications:

Licensure

- California: Unrestricted Medical License (2017-present)

Boards

- American Board of Surgery: Board certified in General Surgery (2015-2026)
- Fellow, Royal College of Physicians and Surgeons of Canada: General Surgery (2016-present)
- Fellow, American College of Surgeons (2019-present)

Certifications

- USMLE Step 1/2/3: Pass
- Licentiate of the Medical Council of Canada (2016)
- ATLS (2010, 2014)
- FLS (November 2013)
- ACS Ultrasound for Residents Course (2012)
- BLS (2021), ACLS (2010)

Education:

- M.D. (Special Training in Research), University of Alberta, June 2010
 - 1-year sabbatical between MS-II and MS-III as full-time postdoctoral fellow.
- Ph.D. (Immunology), University of Alberta, June 2005
 - Thesis: *Apoptosis Inhibition to Promote β -cell Survival in Islet Transplantation*
 - Supervisor: John F. Elliott, MD, PhD
- B.Sc. (Special Honors) in Chemistry, The University of Alabama, cum laude, May 2000
 - Thesis: *The Effect of Chromodulin in Hepatocytes*
 - Supervisor: John B. Vincent, PhD
- American Association of Immunologists Advanced Course in Immunology, Stanford, July 2001

Honors and Awards:

Major Training Fellowship Awards

Postdoctoral Training

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| 1. Rhind Autoimmunology Research Scholarship <i>University of Alberta</i> <i>Salary supplement</i> | 2007-2008 |
| 2. Postdoctoral Fellowship <i>American Soc. of Transplantation/Juvenile Diabetes Research Foundation</i> <i>Full salary support, research supplement</i> | 2006-2008 |
| 3. Part-Time Postdoctoral Fellowship <i>Alberta Heritage Foundation for Medical Research</i> <i>Salary incentive bonus, research supplement</i> | 2005-2007 |

Doctoral Training

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| 4. Graduate Scholarship <i>Arthritis Association of Edmonton</i> <i>Salary supplement</i> | 2002 |
| 5. Ph.D. Studentship <i>Alberta Heritage Foundation for Medical Research</i> <i>Full salary support, research supplement</i> | 2001-2005 |
| 6. Fast-track Ph.D. Studentship <i>Alberta Heritage Foundation for Medical Research</i> <i>Full salary support, research supplement</i> | 2000-2001 |
| 7. FS Chia Graduate Fellowship <i>University of Alberta</i> <i>Full tuition</i> | 2000-2005 |

Research Awards

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| 1. Rising Star in Transplant Surgery Award <i>American Society of Transplant Surgeons</i> | 2023 |
| 2. Royal Australasian College of Surgeons International Visiting Professorship <i>Association for Academic Surgery</i> | 2022 |
| 3. Clinical Science Career Development Award <i>American Society of Transplantation</i> | 2021 |
| 4. T3 Travel Grant Award <i>American Society of Transplantation</i> | 2020 |
| 5. Young Investigator Travel Award <i>International Liver Transplant Society</i> | 2020 |
| 6. Joel Roslyn Faculty Development Grant, Finalist <i>Association for Academic Surgery</i> | 2020 |
| 7. Faculty Research Fellowship, Alternate <i>American College of Surgeons</i> | 2019 |
| 8. Young Investigator Award <i>American Transplant Congress</i> | 2019 |
| 9. Junior Faculty Travel Grant <i>SPLIT Consortium</i> | 2018 |
| 10. Psychosocial COP Travel Award for American Transplant Congress <i>American Society of Transplantation</i> | 2018 |
| 11. Medical Student Award for Best Research Project <i>University of Alberta Radiology Research Day</i> | 2010 |
| 12. American Transplant Congress Poster of Distinction Award | 2009 |
| 13. Outstanding Oral Presentation Award <i>Alberta Diabetes Institute Research Symposium</i> | 2008 |
| 14. Presidential Student Mentor Award <i>American Society for Transplant Surgeons</i> | 2008 |
| 15. Travel Award, XXII International Congress of the Transplantation Society <i>Canadian Society of Transplantation</i> | 2008 |
| 16. Best Medical Student Presentation at the Academic Surgical Congress <i>Association for Academic Surgery</i> | 2008 |
| 17. Best Presentation by a New Member at the Academic Surgical Congress <i>Association for Academic Surgery</i> | 2008 |
| 18. Travel Award <i>Association for Academic Surgery</i> | 2008 |
| 19. Young Investigator Travel Award <i>International Pancreas and Islet Transplantation Association</i> | 2007 |
| 20. Basic Science Symposium - Astellas Travel Award <i>Canadian Society of Transplantation</i> | 2007 |
| 21. American Transplant Congress Young Investigator Award | 2007 |
| 22. American Transplant Congress Poster of Distinction Award | 2007 |
| 23. Best Presentation Award <i>Genzyme Canada Transplant Academy Training Day</i> | 2007 |
| 24. Travel Award <i>Genzyme Canada Transplant Academy Training Day</i> | 2007 |
| 25. Young Investigator Travel Award <i>International Pancreas and Islet Transplantation Association</i> | 2005 |
| 26. Ph.D. Studentship <i>Alberta Heritage Foundation for Medical Research</i> | 2001-2005 |

Research Awards, continued

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|---|-----------|
| 27. Fast-track Ph.D. Studentship <i>Alberta Heritage Foundation for Medical Research</i> | 2000-2001 |
| 28. FS Chia Graduate Fellowship <i>University of Alberta</i> | 2000-2005 |
| 29. Summer Studentship <i>Alberta Heritage Foundation for Medical Research</i> | 2000 |
| 30. Howard Hughes Medical Institute Graduate Fellowship: Hon. Mention | 2000 |
| 31. Undergraduate Research Award <i>University of Alabama Department of Chemistry</i> | 2000 |
| 32. Randall Undergraduate Research Award | 2000 |
| 33. McWane Fellowship for Outstanding Research | 2000 |
| 34. McKinley Fellowship for Creativity in Research | 2000 |
| 35. Phi Kappa Phi Research Award | 2000 |
| 36. Undergraduate Research Fellowship <i>University of Alabama Department of Chemistry</i> | 2000 |
| 37. Phi Kappa Phi Research Award | 2000 |
| 38. Undergraduate Research Fellowship <i>University of Alabama Department of Chemistry</i> | 1998-2000 |

Academic Awards

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| 39. CalHealthCares Physician Loan Repayment Award | 2020-2025 |
| 40. AAMC Early Career Women Faculty Leadership Development Seminar | 2019 |
| 41. American College of Surgeons Advocacy & Leadership Summit Travel Grant | 2013 |
| 42. Peter Lougheed Leadership Scholarship | 2010 |
| 43. Canadian Medical Association Award for Young Leaders in Medicine | 2010 |
| 44. Association of Women Surgeons Patricia Numann Medical Student Award | 2009 |
| 45. Harvard Medical School Visiting Clerkship Program | 2009 |
| 46. Harold and Opal Bess Award | 2008, 2009 |
| 47. Laurence Decore Award for Student Leadership | 2007 |
| 48. Student Involvement Award <i>University of Alberta Medical Students Association</i> | 2007 |
| 49. Jason Lang Scholarship | 2006, 2009 |
| 50. Governor General's Gold Medal: Finalist University of Alberta | 2005 |
| 51. Washington University School of Medicine Olin Fellowship (declined) | 2005 |
| 52. University of Pittsburgh School of Medicine Merit Scholarship (declined) | 2005 |
| 53. University of Alabama Presidential Scholar | 1996-2000 |
| 54. National Hispanic Scholar | 1996 |
| 55. National Merit Scholar | 1996 |
| 56. University of Alabama Honors Program | 1996-2000 |
| 57. University of Alabama Volleyball Award for Academic Excellence | 1996 |

Society Memberships:

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| ● Member, Society of University Surgeons | 2021- |
| ● Fellow, American College of Surgeons | 2019- |
| ● Member, Latino Surgical Society | 2020- |
| ● Member, Association of Women Surgeons | 2005- |
| ● Member, Association for Academic Surgery | 2018- |
| ● Member, American Society of Transplant Surgeons | 2015- |
| ● Member, American Society of Transplantation | 2007- |
| ● Member, International Liver Transplant Society | 2017- |

- Member, American Association for the Study of Liver Diseases **2018-**
- Member, The Transplantation Society **2005-**

Committee Memberships:

International

- Delphi Panel, European Association for the Study of the Liver (EASL) **2021-**
 - Invited to provide oversight for revision of EASL Clinical Practice Guidelines for Liver Transplantation
- Scientific Committee Liaison, Experts Working Group **2021-**
 - Invited to provide oversight for Enhanced Recovery for Liver Transplantation virtual consensus conference (ERAS4OLT.org). Consensus conference and clinical practice guideline through the International Liver Transplant Society (ILTS).
- Member, Basic and Translational Science Committee **2021-**
 - International Liver Transplant Society
- Member, Executive Committee, Liver Immunology SIG, International Liver Transplant Society **2019-**
 - Planning comprehensive, society-endorsed review of liver transplant rejection.
 - Participate in planning SIG projects including pre-meeting symposium.

National

- Member, Awards Committee, American Society of Transplantation **2023-**
 - Oversee administration of recognition awards
- Co-Chair, Wellness Committee, American Society of Transplant Surgeons **2022-2023**
 - Oversee wellness programming and initiatives.
- Member, Publications Committee, Society of University Surgeons **2022-**
 - Oversee societal articles published in *Surgery* and reviews abstracts for ASC
- Member, Combined Heart-Liver Transplantation Consensus Conference, AST **2022-**
 - Invited to provide oversight for clinical practice related to combined heart liver transplantation.
- Member, Living Donor Liver Transplantation Consensus Conference, AST **2021-**
 - Invited to provide oversight for clinical practice related to Living Donor Liver Transplantation.
- Delphi Panel, American Association for the Study of Liver Diseases (AASLD) **2021-**
 - Invited to provide oversight for clinical practice guideline covering peri-procedure management of cirrhotic coagulopathy.
- Chair, North American Living Liver Donor Innovation Group **2020-**
 - Newly formed consortium of >30 living donor liver transplant programs across North America, with a focus on multi-center research collaborations.
- Co-Chair, Bylaws Committee, American Society of Transplant Surgeons **2021-2022**
- Member, Bylaws Committee, American Society of Transplant Surgeons **2019-2022**
 - Oversee bylaws edits and society policy documentation.
- Steering Committee, Living Liver Donation Paired Exchange Pilot Program, UNOS **2020-**
 - Development of matching algorithm for a pilot LDLT paired donor exchange program among high volume LDLT centers in the U.S.
- Data Safety Monitoring Panel **2020-**
 - iSPY COVID-19 Multi-Center Clinical Trial
- Surgeon-Scientist Task Force Member, American Society of Transplant Surgeons **2021-**
 - Implemented to develop strategies to recruit and retain surgeon-scientists

- Chair, Basic and Translational Science Committee **2021-2023**
- Member, Basic and Translational Science Committee, Assoc. for Academic Surgery **2020-2021**
 - Co-Director, AAS Fundamentals of Surgical Research Course (2021)
 - Director, AAS Fundamentals of Surgical Research Course (2022)
- Executive Committee, Member-at-Large, AST Community of Transplant Scientists **2022-2024**
 - Participate in planning and distributing information related to committee projects.
- Executive Committee, Member-at-Large, AST Liver Community of Practice **2020-2022**
 - Participate in planning and distributing information related to committee projects.
- Executive Comm. Member, Surgical Research Committee, ACS **2018-2023**
- Full Committee Member, Surgical Research Committee, ACS **2016-2018**
- RAS Liaison, Surgical Research Committee, ACS **2013-2015**
 - This committee advises the ACS on issues related to surgical research, oversees several educational courses, and selects the Jacobson Promising Investigator recipient.
 - “Profiles in Surgical Research” interview and article project in *ACS Bulletin*
 - “Grant Guru” Research Funding Competition Project for 2022 Clinical Congress
- Executive Committee, Member-at-Large, AST Pediatric Community of Practice **2018-2020**
 - Participate in planning and distributing information related to committee projects.
- Vice Chair, Grants and Fellowship Committee, Association of Women Surgeons **2021-2022**
- Member, Grants and Fellowship Committee, Association of Women Surgeons **2008-2020**
 - Review and select AWS grants, AWS Visiting Professorship, and Signature Speaker series.
- Chair, Associate Fellows Committee, Resident and Associate Society, ACS **2017-2019**
 - This committee was created in 2019 after we formed a workgroup to advise the ACS on issues related to the associate fellow membership. We performed a gap analysis for associate fellow membership and developed a program and infographic to promote ACS Fellowship.
- Chair, National Resident and Fellow Committee, Association of Women Surgeons **2015-2016**
 - Organized all activities of the committee, including planning of conference calls, coordination of group projects, and representation on the AWS Council
 - Projects included Resident/Fellow advice blog for AWS website, position statement on parental leave during surgical training
- Resident Representative, Committee on Women in Surgery, ACS **2010-2016**
 - This committee advises the ACS on issues related to women in surgery. We established on a mentorship program for fourth year medical students applying to surgical residency programs.
- Chair, Communications Committee, ACS Resident and Associate Society **2012-2013**
 - Oversaw publication of the RAS newsletter and RAS-themed articles in the *ACS Bulletin*
 - Organized the RAS essay competition.
- Newsletter Editor, ACS Resident and Associate Society **2011-2013**
 - Edited and produced articles for publication of the bimonthly e-newsletter, which serves as the primary communication tool for the RAS to its membership.
- Chair of the National Medical Student Committee, Association of Women Surgeons **2007-2008**
- Vice-Chair, National Medical Student Committee, Association of Women Surgeons **2006-2007**
 - Initiated the medical student and resident poster session at AWS Conference
 - Developed a medical student recruitment package and presentation to increase awareness and membership among female medical students in the US and Canada.

- Medical Student Representative to the Women in Surgery Committee, ACS **2008-2010**
 - Represented US and Canadian medical students on this committee and distributed information to medical students as it was released.
- Medical Student Rep. to the Committee on Undergraduate Medical Education, ACS **2005-2007**
 - Represented US and Canadian medical students on this committee and distributed information to medical students as it was released.

Regional:

- CHLA Representative, UNOS Region 5 Liver Review Board **05/2018-10/2018**
 - Oversight for review of MELD and PELD exception cases
- Med. Student Representative for the University of Alberta, Alberta Medical Association **2005-2010**
 - Elected to represent my class to the Alberta Medical Association (AMA).
 - Organized AMA/Canadian Medical Association events on campus and attended quarterly AMA Committee on Student Affairs meetings.
- Medical Student Observer, Board of Directors, Alberta Medical Association **2006-2007**
 - Represented all medical students in Alberta

Institutional:

- Member, Search Committee for Vice Dean of Faculty Affairs **2022-present**
 - Invited to serve on selection committee to hire new Vice Dean of Faculty Affairs for Keck School of Medicine of USC.
- Director, USC Dept. of Surgery Berne Research Day **2022-present**
 - Organize abstract solicitations and review for medical student MEDSTARS and resident Berne day presentations. Arrange programmatic content and organization, including review panels and awards..
- Member, USC COVID19 Clinical Research and Biorepository Committee **2020-present**
 - Organize, oversee, prioritize and help implement clinical trials and a biorepository for COVID-19. The Keck School is centralizing this effort ensure the highest priority opportunities for patients, coordinate research efforts with our very busy clinical care providers, and avoid duplication of research.
- Member, USC Cancer Research and Education (CaRE²) Center **2019-present**
 - Training and education of the next generation of underrepresented investigators will happen through the Research and Education Core (REC). The goal of the REC is to provide training and mentoring to the next generation of underrepresented investigators, including PhD students, postdoctoral fellows and early stage investigators.
- Wellness Committee, Department of Surgery, USC **2019-present**
 - Multidisciplinary group of surgeons, program directors, and staff who develop programming and provide oversight to wellness initiatives for faculty and trainees
- Faculty Mentor, USC Chapter of the Association of Women Surgeons **2020-present**
 - Advise and support trainee-led program
- Transplant Journal Club Organizer, USC **2017-2019**
 - Select articles for monthly journal club involving multidisciplinary faculty, fellow, resident, and medical students rotating on transplant services.

- Surgery Club Co-Leader, University of Alberta Faculty of Medicine **2006-2007**
 - Organized all of the first- and second-year surgery electives, arranged operating theatre orientations so that students could learn aseptic technique, arranged suturing seminars, and coordinated a lecture series that covers all of the surgical subspecialties. Served in the Medical Student Association Council.
- Women's Surgery Interest Group Co-Leader and Founder, University of Alberta **2006-2007**
 - Organized a speakers' series, mentorship program, and associated our group with the Edmonton Women's Surgical Society to promote interaction between female medical students and surgeons in the Edmonton area. Served in the Medical Student Association Council.
- Graduate Student Representative, Department of Medical Microbiology and Immunology **2001-2003**
 - Elected to participate as a full voting member of the faculty committee and helped implement changes to graduate training policy, faculty recruitment, admissions, etc.

Peer Review Activities:

Grants

- National Institutes of Health
 - Ad Hoc Reviewer, NIAID Special Emphasis Panel for Transplantation U01, Feb 2023
- National Institutes of Health
 - AHRQ Training Grant Study Section Member-at-Large
 - Summer 2022, Fall 2022
- U.S. Department of Defense
 - Congressionally Directed Medical Research Programs (CDMRP): Reconstructive Transplant Research Program Study Section, January 2022
- Medical University of South Carolina
 - COBRE in Digestive and Liver Disease Ad hoc Reviewer
- National Institutes of Health
 - Transplantation, Tolerance, and Tumor Immunology (TTT) Study Section, Feb 2021
- Keck School of Medicine, USC
 - Pilot Grants Program (2020-)
- Association for Academic Surgery (2020-)
 - Joslyn Career Development Award (2020-)
 - Resident Research Award (2020-)
- American Society of Transplant Surgeons Foundation (2020-)
 - Resident Research Grant Review Panel (2020-)
- Clinical and Translational Science Association (CTSA)
 - External Reviewers Exchange Consortium (CEREC) (2019-)
- Surgical Research Committee Member, American College of Surgeons
 - Jacobson Promising Investigator Award (2013-)
- Grant and Awards Review Panel, Association of Women Surgeons Foundation
 - Visiting professor program (2008-)
 - AWS Foundation/Ethicon Research Grant (2008-)

Journal Editorial Boards and Memberships

- Associate Editor, Transplantation (2020-)
- Associate Editor, Frontiers in Immunology (2022-)
- Editorial Board, Current Opinion in Organ Transplantation (2019-)
- Editorial Board, American Journal of Surgery (Latino Surgical Society appointment) (2021-)
- Editorial Board, Liver Transplantation (2021-)

- Editorial Board, Journal of Surgical Research (2021-)
- Editorial Board, Journal of Gastrointestinal Surgery (2022-)

Ad-hoc peer reviewer

1. 'American Heart Association Statements'
2. 'Seminars in Immunopathology'
3. 'Journal of the American College of Cardiology'
4. 'Annals of Surgery'
5. 'Scientific Reports'
6. 'Communications Biology' (NPG Journal)
7. 'Frontiers in Immunology'
8. 'American Heart Journal'
9. 'Journal of Gastrointestinal Surgery'
10. 'Pediatric Transplantation'
11. 'Journal of the American Heart Association'
12. 'Clinical Transplantation'
13. 'American Journal of Transplantation'
14. 'Journal of Hepatology'
15. 'Hepatology'
16. 'Diabetes'
17. 'Journal of Gastroenterology and Hepatology'
18. 'Journal of Clinical Immunology'
19. 'Journal of Surgical Research'
20. 'Hepatoma Research'
21. 'Digestive Diseases and Sciences'
22. 'American Journal of Surgery'
23. 'Immunology'
24. 'Human Gene Therapy'
25. 'Journal of Endocrinology'
26. 'Diabetes Research and Clinical Practice'
27. 'Transplant International'
28. 'Cell Transplantation'
29. 'Cell Biochemistry and Function'
30. 'Clinical Oncology and Cancer Research'
31. 'Onkologie'
32. 'Therapeutic Advances in Medical Oncology'
33. 'World Journal of Gastroenterology'
34. 'Xenotransplantation'

Conference Abstracts

- Abstract Review Committee Co-Chair, American Transplant Congress **2019-**
 - 'Tolerance: Clinical Studies' Section
- Abstract Review Committee, International Liver Transplant Society Congress **2022-**
 - 'Basic and Translational Science' Section
- Abstract Review Committee **2019**
 - American Society of Transplant Surgeons Winter Symposium
- Abstract Review Committee, American Transplant Congress **2008**
 - 'Basic: Tolerance/Immune Deviation' Section
- USC Medical Student Research Day **2018-present**

Clinical Service Contributions:

- Peer Review, Transplant Surgery, USC Keck Medical Center **2018-present**

Community Outreach:

Media appearances:

- “Liver Cancer Risk Not Increased with Pre-Transplant Antiviral” **2019**
 - <https://www.mdmag.com/medical-news/liver-cancer-risk-not-increased-pretransplant-antiviral>
- “Vital Bonds/Memento Mori” CBC Documentary **2016**
 - Canadian Broadcast Corporation documentary to improve organ donation awareness. Participated as an operating surgeon.
 - Featured on PBS NOVA in 2018
- “Celebrating Womens’ Contribution to Science” **2016**
 - <https://www.researchgate.net/blog/post/celebrating-womens-contributions-to-science>
- “CMA Recognizes Young Physician Leaders” **2010**
 - <https://www.newswire.ca/news-releases/cma-recognizes-young-physician-leaders-538155101.html>

Social media appearances

- Twitter ([@DrEmamaullee](https://twitter.com/DrEmamaullee), over 4K followers, 30k-100k+ reach each month)
 - @LEAPSMag Tweet Chat, Co-Moderator **1/2021**
 - Topic: “Future of Organ Donation and Transplantation”
 - Gastroenterology Journal Club, Co-moderator **12/2020**
 - Topic: “AJT LDLT Meta-Analysis (PMID: 33300241)”
 - Association of Women Surgeons Tweet chat, Co-moderator **11/2020**
 - Topic: “So you want to be a surgeon-scientist?”
- Social Media Ambassador, The Transplantation Society **08/2022-**
 - Invited to serve in this role to promote society activities across social media

Formal Teaching:

Medical student teaching:

- Lecturer, medical student clerkship, Keck USC SOM **2017-present**
- Guest lecturer, anatomy and surgical skills course, Emory University **2011-2012**

Residency Programs:

- Lecturer, general surgery residency curriculum, Keck USC SOM **2017-present**
- Guest lecturer, general surgery clerkship, University of Alberta Faculty of Medicine **2015-2016**

Supervisory Teaching and Mentorship:

Faculty mentoring

- **Jashdeep Bhattarcharjee, PhD** **2022-present**
 - Research scientist at CHLA, serving as faculty mentor and co-mentor on K01 application

USC Transplant Fellowship

- Sean Martin, DO **2021-present**
 - California Institute of Regenerative Medicine Research Fellowship (\$111K)
- Asish Misra, MD PhD **2021-present**
 - ASTS Fellowship Grant (\$85K), One Legacy Foundation Fellowship Grant (\$100K)

- Chelsea Wongjirad, DO **2020-2022**
 - Current position: Transplant Surgeon, Las Vegas, NV
- Rachel Hogen, MD **2019-2021**
 - Current position: Transplant Surgeon, University of South Florida (Tampa)
- Hassan Aziz, MD **2018-2020**
 - Current position: Transplant and Hepatobiliary Surgeon, University of Iowa
- Pouya Dastouri, MD **2018-2019**
 - Current position: Attending Hepatobiliary and General Surgeon, Kaiser-San Diego
- Shannon Zielsdorf, MD **2017-2019**
 - Current position: Attending Transplant Surgeon, University of Southern California
- Homayoun Pournik, MD **2017-2018**
 - Current position: Attending Transplant Surgeon, East Carolina University

Postdoctoral Research Fellowship

- Sean Martin, DO **2021-2023**
 - Projects focused on stem cell repair of acute liver injury
 - Surgical transplant fellow at USC/CHLA
 - California Institute of Regenerative Medicine Research Fellowship (\$111K)
- Asish Misra MD, PhD **2021-2023**
 - Projects focused on creation of a bioartificial liver
 - Surgical transplant fellow at USC/CHLA
 - One Legacy Foundation Research Fellowship Award (\$100,000; 2021-2022)
 - ASTS Veloxis-Fellowship in Transplantation Award (\$85,000; 2021-2023)
- Johanna Bartlett MD **2021-2023**
 - Projects focused on immune phenotype of acute liver failure in children
 - Pediatric gastroenterology fellow at CHLA
 - Saban Institute Research Fellowship Award (Full salary support; 2022-2023)
 - Broad Institute Postdoctoral Fellowship Award (Full salary support; 2021-2022)
 - One Legacy Foundation Research Fellowship Award (\$100,000; 2022-2023)
- Britany Rocque, MD, MS **2020-2022**
 - Projects focused on immune phenotype of acute cellular rejection in liver transplantation
 - Broad Institute Postdoctoral Fellowship Award (Full salary support; 2020-2021)
 - One Legacy Foundation Research Fellowship Award (\$200,000; 2020-2022)
 - AST LICOP ATC Travel Award (2021), AST LDCOP ATC Travel Award (2021, declined), AST PCOP Travel Award (2021, declined), ATC Young Investigator Award (2022)
 - Categorical General Surgery Resident at University of Rochester
- Arianna Barbetta, MD **2019-2020**
 - Projects were focused on biomarkers of rejection and tolerance in pediatric liver transplantation.
 - AST LDCOP Travel Award (2020)
- Michelle Kim, general surgery resident, USC **2018-2019**
 - Projects focused on clinical outcomes in liver transplantation
 - Travel Award, American Society of Transplantation Fellows Symposium (2018)

Graduate students:

- Arianna Barbetta, MD **2020-present**
 - PIBBS Program PhD Student, USC
 - Current projects are focused on biomarkers of rejection and tolerance in pediatric liver transplantation.

- Laura Houshmand, BS **2020-2022**
 - Integrated Anatomical Sciences Masters Degree Program, USC
 - Project focused on immunologic features of acute liver failure in children

Medical students:

- Shannon Jordan, USC Keck School of Medicine, Class of 2025 **2022-2023**
 - Project: Predictive models of pediatric acute liver failure
 - Awards: Keck Summer Research Fellowship
- Valeria Mejia, USC Keck School of Medicine, Class of 2025 **2022-2023**
 - Project: Immune Mediators of Acute Rejection in Pediatric Liver Transplantation
 - Awards: Keck Summer Research Fellowship
- Kate Guion, USC Keck School of Medicine, Class of 2025 **2022-2023**
 - Project: Immune Mediators of Acute Rejection in Pediatric Liver Transplantation
 - Awards: Keck Summer Research Fellowship, American Society of Transplant Surgeons Presidential Student Mentorship Grant
- Deepika Sarode, MSc, USC Keck School of Medicine, Class of 2024 **2021-2022**
 - Project: Immune Mediators of Acute Rejection in Pediatric Liver Transplantation
 - Awards: Keck Summer Research Fellowship, American Society of Transplant Surgeons Presidential Student Mentorship Grant, 2022 AST LICOP Travel Grant to ATC
- Daphne Remulla, USC Keck School of Medicine, Class of 2021 **2020-2021**
 - Project: Impact of DSA on Simultaneous Liver-Kidney Transplant Outcomes
- Anushka Das, USC Keck School of Medicine, Class of 2023 **2020-2021**
 - Project: Impact of Alloantibody on Simultaneous Liver-Kidney Transplant Outcomes
 - Awards: Keck Summer Research Fellowship
- Aaron Zaldana, USC Keck School of Medicine, Class of 2023 **2020-2021**
 - Project: Impact of Protocol Biopsies in Pediatric Liver Transplant Outcomes
 - Awards: Keck Summer Research Fellowship
- Muhammad Raza, USC Keck School of Medicine, Class of 2022 **2019-2021**
 - Project: Health-related QOL in living liver donors
 - Awards: Keck Summer Research Fellowship (2019), AST Fellows Symposium Travel Award (2019), AST PSECOP ATC Travel Award (2020), 2022 AST PSECOP Travel Grant to ATC
- Lalita Narayanan, USC Keck School of Medicine, Class of 2022 **2019-2021**
 - Project: Surgical portosystemic shunts for pediatric pre-hepatic portal hypertension
 - Awards: Keck Summer Research Fellowship
- Tiffany Lian, USC Keck School of Medicine, Class of 2022 **2019-2021**
 - Project: Determining the 'Tipping Point' of Academic Surgery
 - Awards: Keck Summer Research Fellowship
- Lisa Tenorio, St. Louis University School of Medicine, Class of 2022 **2019-2021**
 - Project: Disparities in access to living donor liver transplantation
- Claire Conrad, USC Keck School of Medicine, Class of 2021 **2018-2020**
 - Project: International survey of living liver donor evaluation in living donor liver transplantation
 - Awards: Keck Summer Research Fellowship, Baxter Award Finalist, USC Department of Surgery MedSTARS Finalist
- Christine Tien, USC Keck School of Medicine, Class of 2021 **2018-2020**
 - Project: Living donor vs deceased donor liver transplantation: meta-analysis

- Awards: Keck Summer Research Fellowship
- Ailene Nguyen, USC Keck School of Medicine, Class of 2021 **2018-2019**
 - Project: Prevalence of Fontan-associated liver disease in liver transplant population

Undergraduate students:

- Tricia Saputera, University of Southern California, Class of 2024 **06/2022-present**
 - Project: CyTOF analysis of pediatric acute liver failure
- Lauren Pickard, University of Southern California, Class of 2024 **01/2022-present**
 - Project: Spatial Transcriptomics of Human Liver
- Sofia Eguizabal, University of Southern California, Class of 2024 **01/2022-present**
 - Project: Spatial Transcriptomics of Human Liver
- Angelina Lim, University of Southern California, Class of 2023 **06/2020-present**
 - Project: Analysis of HCC in patients with Sickle Cell Disease using SEER-Medicare Data
 - Awards: USC Undergraduate Research Assistant Program Grant (2020), USC Provost Research Fellowship (2020), USC Undergraduate Research Assistant Program Grant (2021)
 - Current position: medical student, USC Keck School of Medicine Class of 2027
- Sara Barhouma, University of Southern California, Class of 2023 **06/2020-present**
 - Project: Outcomes of Pediatric Living Donor Liver Transplantation: Systematic Review
 - Awards: USC SURF Award (2020), USC Provost Research Fellowship (2022)
- Pranay Singh, Bowdoin University, Class of 2023 **06/2019-present**
 - Project: Single Cell RNASeq Profiles of Normal Human Liver
 - Awards: Bowdoin Summer Internship Program
 - Current position: medical student, USC Keck School of Medicine Class of 2027
- Chante Butler, University of Southern California, Post-Baccalaureate Student **2019-2020**
 - Project: Origin of graft-infiltrating macrophages in chronic rejection post-liver transplantation
 - Awards: USC NIH P50 CARE2 Post-baccalaureate Award
 - Current position: Medical College of Wisconsin, Class of 2026
- Yelim “Autumn” Lee, Cal Tech, Class of 2020 **2019-2020**
 - Project: Outcomes post-liver transplant for patients with Sickle Cell Disease in the U.S.
 - Current position: USC Keck School of Medicine, Class of 2025
- Stacy Moroz, University of Southern California, Class of 2019 **2019-2020**
 - Project: Analysis of the “Tipping Point” in applicants for the American College of Surgeons Jacobson Promising Investigator Award
 - Current position: Medical College of Wisconsin, Class of 2024 (Full Academic Scholarship)
- Julianne Hoeflich, University of Southern California, Class of 2022 **06/2019-08/2021**
 - Project: Analysis of immune infiltrates during chronic rejection in liver transplant recipients.
 - Awards: USC Undergraduate Research Assistant Program Grant (2019, 2020)
 - Current position: Graduate student in Engineering
- Cassandra Man, University of Southern California, Class of 2022 **06/2019-08/2021**
 - Project: Analysis of immune infiltrates during chronic rejection in liver transplant recipients.
 - Awards: USC URAP Grant (2019), USC Provost Fellowship (2020)

Pre-secondary students:

- Janet Kim, Grade 12, Fullerton Tech High School, Fullerton, CA **2022-2023**
 - CyTOF analysis of liver transplant rejection, shadowing in OR and Clinic
- Charlie Thomas, Grade 12, Chaminade High School, West Hills, CA **2021-2022**

- Creation of ShinyApp website for single cell RNA Sequencing Data
- Mira Emamaullee, Grade 10, San Marino High School, San Marino, CA **2021-2022**
 - Creation of ShinyApp website for single cell RNA Sequencing Data
- Joy Cho, Grade 12, Fullerton Tech High School, Fullerton, CA **2020-2021**
 - Meta-analysis of pediatric LDLT
- Helen Yoo, Grade 12, Fullerton Tech High School, Fullerton, CA **2019-2020**
 - Shadowing in OR and Clinic, global practice of ethical reimbursement in LDLT
- Pranay Singh, Grade 12, Polytechnic School, Pasadena, CA **2018-2019**
 - Shadowing in OR and Clinic, helping with research database maintenance
- Laura Stanton, Grade 11, WISEST program, University of Alberta **2005-2008**
 - I designed her project and supervised all aspects of her training and experiments during my postdoctoral fellowship.

Conference Moderator/Panelist:

International

- “Closing Session”, Chair
 - Developing a Career and Skills in Academic Surgery Course, Royal Australasian College of Surgeons, Brisbane, Australia May 2022

National

- “Can We Break the Barriers in Access and Utilization of LDLT in Special Populations?”
 - Session Co-Moderator, American Transplant Congress, June 2022, Boston, MA
- “Basic Science: HPB Surgery.” Session Co-Moderator
 - Academic Surgical Congress, February 2022, Orlando, FL
- “Biomarkers in Transplantation.” Session Co-Moderator
 - American Transplant Congress (virtual), June 2021
- “Financial Planning”, Session Panelist
 - Student National Medical Association Virtual Conference, January 2021
- “Marketing your research”, Session Co-Moderator
 - AAS Fundamentals of Surgical Research Course, Virtual, October 2020
- “Hepatic Adenomas”, Invited Panelist
 - AASLD Virtual Case Discussions, September 2020
- “Clinical/Outcomes: Transplantation.” Session Co-Moderator
 - Academic Surgical Congress, February 2019, Houston, TX
- “Cultivating the next generation of surgeon scientists.” Session Organizer and Co-Moderator
 - American College of Surgeons Clinical Congress, October 2016; Washington, DC
- “Family planning in residency and beyond.” Session Co-Moderator
 - American College of Surgeons Clinical Congress, October 2014; San Francisco, CA

Lectureships:

International

1. "Cell free DNA in the diagnosis of HCC"
 - 29th International Congress of The Transplantation Society, Argentina, September 2022
2. "CyTOF/Imaging Mass Cytometry: how technology can advance liver transplant research"
 - International Liver Transplant Society Annual Congress, Istanbul, Turkey, May 2022
3. "The DCD Tower of Babel", Panelist
 - International Liver Transplant Society Annual Congress, Istanbul, Turkey, May 2022
4. "Choosing your journal and avoiding pitfalls"
 - Developing a Career and Skills in Academic Surgery Course, Royal Australasian College of Surgeons, Brisbane, Australia May 2022
5. "Imaging mass cytometry as a novel application to characterize liver transplant rejection"
 - 2021 International Liver Transplant Society Congress (Virtual)

National

6. "The Do's and Don'ts of Writing an NIH K Award Application"
 - AAS/SUS Career Development Course, Academic Surgical Congress, February 2023
7. "Work-Life Balance in Transplant Surgery"
 - Pipeline Taskforce Webinar, American Society of Transplant Surgeons, December 2022
8. "Fontan-Associated Liver Disease"
 - Meet the Expert Session, The Liver Meeting, Washington, DC November 2022
9. "Diversifying your Portfolio"
 - NCI Early-Stage Surgeon Scientist Program & American College of Surgeons National Surgeon Scientist Program Symposium (virtual, November 2022)
10. "Application of single cell technologies to explore the liver immune microenvironment"
 - Department of Immunology Grand Rounds, Rutgers University, October 2022, Newark, NJ
11. "Organ Specific Breakouts: Donor Selection and Early Post-Transplant Management Challenges"
 - American Society of Transplantation Fellows Symposium, September 2022, Grapevine, TX
12. "Pivotal Clinical Trials in Transplantation: Liver"
 - American Society of Transplantation Fellows Symposium, September 2022, Grapevine, TX
13. "Organ Specific Breakout Session: Recipients and Posttransplant Care: Liver"
 - American Society of Transplantation Fellows Symposium, September 2022, Grapevine, TX
14. "Fontan Associated Liver Disease: How to Screen? When to Treat?"
 - SPLIT Annual Conference, September 2022, Newport Beach, CA
15. "ASTS Faculty Development Grant Update"
 - American Society of Transplant Surgeons Winter/Summer Symposium, Aug. 2022, Miami, FL
16. "Outcomes Measures of Successful Health Care Transition and Approach to Re-transplantation"
 - American Transplant Congress, June 2022, Boston, MA
17. "Multi-Omic Analysis of Alloimmune Responses Elicited by Transplanted Livers"
 - American Transplant Congress, June 2022, Boston, MA
18. "Fontan-Associated Liver Disease: Winter is Coming"
 - Transplant Institute Seminar Series, Massachusetts General Hospital, Feb. 2022 (Virtual)
19. "Fontan-Associated Liver Disease"
 - Transplant Hepatology Seminar Series, Stanford University, January 2022 (Virtual)
20. "Fontan-Associated Liver Disease"
 - September 2021 Pediatric Heart Transplant Society Live! Rounds (Virtual)

21. "The Growing Impact of the Fontan Procedure on Liver Transplant"
 - 2020 American Transplant Congress, Philadelphia, PA (cancelled due to COVID-19)
22. "Multiplexed In Situ Imaging Mass Cytometry to Characterize Immune Populations in Chronic Rejection Post-Liver Transplantation"
 - Anesthesiology Research & Development Seminar Series, Stanford University, Feb 2020
23. "Living Donor Pediatric Liver Transplantation: The University of Alberta Experience"
 - PITCH Lecture Series, University of British Columbia, Vancouver, BC, March 2017.
24. "Indications for β -cell replacement therapy in type 1 diabetes."
 - Department of Medicine CATS Rounds, University of Alberta, May 2009
25. "Caspase inhibitor therapy synergizes with costimulation blockade to promote tolerance induction and prevent allosensitization in islet transplantation."
 - AST 1st Annual Distinguished Fellows Research Forum, San Diego, CA April 2008
26. "Can caspase inhibition enhance marginal islet mass survival in islet transplant recipients?"
 - 8th Annual Rachmiel Levine Diabetes Symposium, Newport Beach, CA, January 2008
27. "Strategies to limit islet cell death". Satellite Workshop on 'Critical Issues in Human Islet Isolation and Transplantation'
 - Joint Conference of the CTS, IPITA, and Xenotransplantation Society, September 2007

Regional

28. "Treatment algorithms for HCC: The transplant perspective"
 - Southern California Chapter of the American College of Surgeons Meeting, January 2023
29. "Single cell and spatial transcriptomics assessment of clinical liver disease"
 - 3rd California DDRCC Network Symposium, December 2022
30. "Single cell and spatial transcriptomics assessment of clinical liver disease"
 - 10x Genomics Los Angeles Multiomics Discovery Symposium, October 2022
31. "Overview of Living Organ Transplantation."
 - Northridge Hospital Medical Center (virtual), June 2022
32. "Heart/Liver Transplant for Failed Fontan"
 - Heart Institute Monthly Educational Lecture Series, Southern California, April 2021
33. "Multiplexed In Situ Imaging Mass Cytometry to Characterize Immune Populations in Chronic Rejection Post-Liver Transplantation"
 - Accelerating Translational Science Through Mass Cytometry Symposium, Cedars-Sinai Medical Center, November 2019
34. "Overview of Organ Transplantation."
 - Los Robles Medical Center, Thousand Oaks, CA, November 2018

Institutional

35. "Application of single cell technologies to explore the liver immune microenvironment"
 - Norris Comprehensive Cancer Center Grand Rounds, USC, October 2022
36. "The role for combined heart liver transplant in Fontan-associated liver disease"
 - Berne Research Day, Department of Surgery, USC, April 2022
37. "Defining the alloimmune microenvironment in clinical liver transplant rejection"
 - USC Research Center for Liver Diseases Seminar Series, May 2021
38. "A career in transplant surgery"
 - Surgery Interest Group Speaker Series, University of Southern California, Sept. 2020

39. "Building experience in national surgical societies".
 - Association of Women Surgeons USC Chapter Speaker Series, October 2020
40. "Liver Transplant Rejection."
 - Hepatology Seminar Series, University of Southern California, October 2018.
41. "Current challenges in liver transplantation."
 - Department of Anesthesia Grand Rounds, University of Southern California, Sept. 2018
42. "Working towards clinical tolerance in pediatric liver transplantation."
 - Department of Surgery Grand Rounds, University of Southern California, March 2018
43. "Treating Hepatitis C with Direct-Acting Antivirals in Liver Transplantation and its Impact on Hepatocellular Carcinoma: The University of Alberta Experience"
 - Alberta Transplant Institute Seminar Series, February 2017.
44. "A history of transplantation tolerance."
 - Alberta Transplant Fellows Symposium, March 2016
45. "Medawar's dream: A 60-year journey towards clinical tolerance."
 - Department of Surgery Grand Rounds, Emory University, August 2014
46. "Current management of necrotizing soft tissue infections."
 - Department of Surgery Educational Rounds, Grady Memorial Hospital, October 2014
47. "Benign Liver Neoplasms"
 - General Surgery Grand Rounds, Piedmont Hospital, Atlanta, GA, August 2014
48. "Current Paradigms in Necrotizing Soft Tissue Infections"
 - General Surgery Grand Rounds, Grady Memorial Hospital, Atlanta, GA June 2014
49. "Management of Pre-Hepatic Portal Hypertension in Children"
 - Pediatric Surgery Grand Rounds, Children's Hospital of Atlanta, Atlanta, GA May 2014
50. "Anti-apoptotic strategies to promote beta-cell survival."
 - Department of Medical Microbiology and Immunology Grand Rounds, May 2010
51. "Moving Research from Bench to Bedside in Islet Transplantation."
 - HYRS high school science teacher symposium, University of Alberta, August 2007

Clinical Trial Experience:

Oversight

- Associate Chief, Division of Clinical Research, Department of Surgery, USC
 - I co-lead the Surgical Research Unit, which has >70 ongoing clinical trials. We provide regulatory, clinical research coordinator, and data monitoring support for surgical investigators.

Investigator

- Principal Investigator **2020-**
 - "Use of dd-cfDNA to detect Rejection in Pediatric Patients with a Liver Allograft"
 - Sponsor: Natera
- Site Principal Investigator **2020-**
 - "Use of dd-cfDNA to detect Rejection in Adult Patients with a Liver Allograft"
 - Sponsor: Natera

Committees

- Data Safety Monitoring Panel **2020-**
 - iSPY COVID-19 Multi-Center Clinical Trial
- COVID Research Prioritization Committee, Keck School of Medicine of USC **2020**
 - Provided oversight to clinical trial proposals to determine feasibility

Medical Monitor

- iVAED Study
- PEMF Cardiac Study

Abstract Presentations:

National/International Scientific Meetings

- 1) **Rocque B***, Bangerth S, **Barbetta A***, **Sarode D***, **Ascher-Bartlett J***, Kohli R, and **Emamaullee J**. Plasma proteomic signature reveals novel biomarkers for acute rejection in pediatric liver transplantation. (***Trainees under my supervision**) Oral presentation, 2022 American College of Surgeons Clinical Congress, San Diego, CA.
- 2) S. Kulkarni, R. Parina, R. Henderson, T. Selby, Y. Kwon, **J. Emamaullee**, L. Sher, Y. Genyk, and R. Selby. Transfusion-free Strategies in Liver And Pancreatic Surgery: A Predictive Model Of Blood Conservation For Transfusion Avoidance In Mainstream Populations. Mini-oral presentation, 2022 American College of Surgeons Clinical Congress, San Diego, CA.
- 3) **J. Ascher Bartlett***, M. Lo, K. Etesami, L. Sher, R. Kohli, and J. Emamaullee. A population-based analysis of long-term outcomes following pediatric acute liver failure highlights high risk populations and potential disparities in access to transplant. (***Trainees under my supervision**) Oral presentation (*plenary session*), 2022 International Liver Transplant Congress, Istanbul.
- 4) **J. Ascher Bartlett***, C. Weaver, **S. Barhouma***, **L. Houshmand***, **B. Rocque***, K. Etesami, R. Kohli, and J. Emamaullee. Pediatric Acute Liver Failure: Social Determinants of Health. (***Trainees under my supervision**) Poster presentation, 2022 International Liver Transplant Congress, Istanbul.
- 5) **M. H. Raza***, **P. Kobierski***, **A. Misra***, **A. Lim***, C. Goldbeck, K. Etesami, R. Kohli, and **J. Emamaullee**. MELD/PELD Exception Policy and Outcomes in Children with Hepatopulmonary Syndrome Requiring Liver Transplantation in the US. (***Trainees under my supervision**) Oral presentation, 2022 American Transplant Congress, Boston, MA.
- 6) **J. Ascher Bartlett***, M. Lo, K. Etesami, L. Sher, R. Kohli, and J. Emamaullee. A population-based analysis of long-term outcomes following pediatric acute liver failure highlights high risk populations and potential disparities in access to transplant. (***Trainees under my supervision**) Poster presentation, 2022 American Transplant Congress, Boston, MA.
- 7) **D. Sarode***, **B. Rocque***, **A. Barbetta***, C. Goldbeck, **P. Singh***, O. Akbari, R. Kohli, and **J. Emamaullee**. Temporal Changes in the Peripheral Immune Profile of Acute Rejection Highlight New Mechanisms of Alloimmunity and Potential Non-Invasive Biomarkers of Rejection in Pediatric Liver Transplantation. (***Trainees under my supervision**) Oral presentation, 2022 American Transplant Congress, Boston, MA.
- 8) **B. Rocque***, **D. Sarode***, **A. Barbetta***, **P. Singh***, C. Goldbeck, C. Weaver, R. Kohli, O. Akbari, and **J. Emamaullee**. Application of Multiomics to Uncover the Immune Landscape of Pediatric Acute Cellular Rejection Following Liver Transplantation. (***Trainees under my supervision**) Oral presentation, 2022 American Transplant Congress, Boston, MA.
- 9) **J. Ascher Bartlett***, C. Weaver, **S. Barhouma***, **L. Houshmand***, **B. Rocque***, K. Etesami, R. Kohli, and J. Emamaullee. Pediatric Acute Liver Failure: Patient Factors Associated with Higher Mortality. (***Trainees under my supervision**) Poster presentation, 2022 American Transplant Congress, Boston, MA.
- 10) K. Etesami, R. Hogen, J. Cervantes, Y. Kwon, S. Zielsdorf, **J. Emamaullee**, Y. Genyk. Portal Vein Challenges In Pediatric Liver Transplantation: The Utility Of Interposition Grafts As An Acceptable Management Strategy. Poster presentation, 2022 American Transplant Congress, Boston, MA.

- 11) **J. Emamaullee, S. Martin***, C. Goldbeck, B. Rocque, **A. Barbetta***, R. Kohli, and V. Starnes. Ethnic disparities in long-term survivors of the Fontan procedure: A population-based study. (***Trainees in my supervision**) Oral presentation, 2022 American Surgical Association Meeting, Chicago, IL.
- 12) A. Liapakis, **J. Emamaullee** et al. (NALLDIG consortium). Psychosocial Evaluation of Living Liver Donors (LLDs)- State of Current Practices in the US. Poster presentation at 2022 European Conference of Psychosomatic Medicine.
- 13) JM Kielson; MK Turgeon; CR Medin; SA Shah; AM Delman; BV. Tran; VG Agopian; JP Wedd; JF Magliocca; MP Anderson; CA Kubal; RM Cannon; JE Locke; MA Simpson; ME Akoad; **CP Wongjirad***; **J Emamaullee** et al. Overcoming racial disparities in hepatitis C-associated hepatocellular carcinoma: An analysis of the U.S. HCC Liver Transplantation Consortium. (***Trainees under my supervision**) Poster presentation, 2022 IHPBA Annual Meeting, New York, NY.
- 14) CR Medin; MK Turgeon; JM Kielson; SA Shah; AM Delman; BV. Tran; VG Agopian; JP Wedd; JF Magliocca; MP Anderson; CA Kubal; RM Cannon; JE Locke; MA Simpson; ME Akoad; **CP Wongjirad***; **J Emamaullee** et al. What is the Optimal Bridging Therapy for Patients with Hepatitis C-Associated Hepatocellular Carcinoma Awaiting Liver Transplant? An Analysis of the U.S. HCC Liver Transplant Consortium (***Trainees under my supervision**) Oral presentation, 2022 IHPBA Annual Meeting, New York, NY.
- 15) Huang S, Fahradyan A, Ahearn A, Kaur N, Sher L, Genyk Y, **Emamaullee J**, Patel K, and Carey JN. Arterial anastomosis using microsurgical techniques in adult liver transplantation: A focus on technique and outcomes at a single institution. Poster presentation. 2022 American Society for Reconstructive Microsurgery Annual Meeting, Carlsbad, California.
- 16) S. Kulkarni, E. Derek, Y. Kwon, T. Selby, **J. Emamaullee**, L. Sher, Y. Genyk, and R. Selby. Transfusion-free strategies in liver and pancreatic surgery. Mini-oral presentation, 2021 AHPBA Annual Meeting.
- 17) **B. Rocque***, **A. Zalana***, C. Weaver, **J. Huang***, **A. Barbetta***, **V. Shakhin***, C. Goldbeck, G. Yanni, R. Kohli, Y. Genyk, and **J. Emamaullee**. Clinical value of protocol biopsies in pediatric liver transplantation: a single center experience with >800 biopsies. (***Trainees under my supervision**) Poster presentation at the 2021 International Liver Congress (virtual).
- 18) A. Ahearn, T.T. Maw, **J. Emamaullee**, C. Goldbeck, E. Blodget, J. Kim, J. Kahn, L. Sher, and Y. Genyk. Reduction in Hospitalizations and Deaths in COVID-19 Positive Abdominal Organ Transplant Recipients Following Implementation of a Protocol for Early Treatment with Bamlanivimab. Oral presentation at the 2021 American Transplant Congress (virtual).
- 19) T. Bittermann, P. Abt, K. Olthoff, N. Kaur, and **J. Emamaullee**. Impact of advanced renal dysfunction on post-transplant outcomes after living donor liver transplantation in the United States. Oral presentation at the 2021 American Transplant Congress (virtual).
- 20) **J. Emamaullee**, N. Ung, **C. Man***, **J. Hoeflich***, C. Goldbeck, R. Sun, N. Matasci, J. Katz, J.S.H. Lee, S. Chopra, S. Asgharzadeh, L. Sher, and Y. Genyk. Multiplexed Imaging Mass Cytometry of the Alloimmune Landscape of Rejection in Clinical Liver Transplantation. (***Trainees under my supervision**). Oral presentation at the 2021 American Transplant Congress (virtual). *Selected for 'What's Hot and New in Basic Science' best in congress presentation.*
- 21) **A. Das***, **A. Barbetta***, **D. Remulla***, C. Goldbeck, J. Kim, and **J. Emamaullee**. Is there a role for donor-specific antibody testing in simultaneous liver-kidney transplantation? A single center analysis of outcomes. (***Trainees under my supervision**) Oral presentation at the 2021 American Transplant Congress (virtual).
- 22) **B. Rocque***, **A. Barbetta***, **P. Singh***, C. Goldbeck, D.G. Helou, E. Loh, N. Ung, J. Lee, O. Akbari, and **J. Emamaullee**. Analysis of Single Cell RNA Sequencing Data To Define Biomarkers Of Human

Liver Immune Tolerance. (***Trainees under my supervision**) Poster presentation at the 2021 American Transplant Congress (virtual).

- 23) **B. Rocque***, **A. Zalana***, C. Weaver, **J. Huang***, **A. Barbetta***, **V. Shakhin***, C. Goldbeck, G. Yanni, R. Kohli, Y. Genyk, and **J. Emamaullee**. Clinical value of protocol biopsies in pediatric liver transplantation: a single center experience with >800 biopsies. **Oral presentation at the 2021 American Transplant Congress (virtual)**.
- 24) **J. Emamaullee**, **S. Khan***, C. Weaver, C. Goldbeck, G. Yanni, R. Kohli, Y. Genyk, S. Zhou, N. Shillingford, P.M. Sullivan, C. Takao, J. Detterich, P.F. Kantor, J.D. Cleveland, C. Herrington, S.R. Kumar, V. Starnes, S. Badran, and N.D. Patel. Clinical features associated with bridging fibrosis in adolescent patients with Fontan-Associated Liver Disease. (***Trainees under my supervision**) Oral presentation at to the 2021 American College of Cardiology Congress (virtual).
- 25) **A. Barbetta***, **C. Butler***, **S. Barhouma***, **R. Hogen***, **B. Rocque***, H. Schillperoort, G. Meeberg, A.M.J. Shapiro, Y. Kwon, R. Kohli, and **J. Emamaullee**. Living donor versus deceased donor pediatric liver transplantation: a systematic review and meta-analysis of outcomes. (***Trainees under my supervision**) Poster presentation at the 2021 American Transplant Congress (virtual).
- 26) MK Turgeon; SA Shah; AM Delman; BV. Tran; VG Agopian; JP Wedd; JF Magliocca; MP Anderson; CA Kubal; RM Cannon; JE Locke; MA Simpson; ME Akoad; **CP Wongjirad***; **J Emamaullee** et al. Optimal Timing of Administration of Direct-Acting Antivirals for Patients with Hepatitis C-Associated HCC Undergoing Liver Transplantation. (***Trainees under my supervision**) Oral presentation, 2021 American Surgical Association Annual Meeting (virtual).
- 27) **B. Rocque***, **P. Singh***, C. Goldbeck, O. Akbari, E. Loh, N. Ung, J. Lee, and **J. Emamaullee**. Inconsistencies in Single Cell RNASeq Data from Human Liver: Potential Impact of Pre-analytical Variables. Virtual Quick Shot Oral Presentation, 2021 Academic Surgical Congress (virtual meeting).
- 28) **A. Barbetta***, **S. Barhouma***, **C. Butler***, **R. Hogen***, H.Schillperoort, Y. K. Kwon, R. Kohli, **J. Emamaullee**. Pediatric Liver Transplants: Systematic Review and Meta-Analysis of Living and Deceased Donor Grafts Virtual Quick Shot Oral Presentation, 2021 Academic Surgical Congress (virtual meeting).
- 29) K. Zhou, J.L. Dodge, **J. Emamaullee**, and J. Kahn. Persistent disparity in liver transplant waitlist mortality among patients with primary biliary cholangitis in the post-MELD-Na era. Accepted for poster presentation at the 2020 Liver Meeting of the AASLD (virtual conference).
- 30) **A. Barbetta***, **S. Barhouma***, **C. Butler***, **R. Hogen***, H.Schillperoort, Y. K. Kwon, R. Kohli, **J. Emamaullee**. Pediatric Liver Transplants: Systematic Review and Meta-Analysis of Living and Deceased Donor Grafts. Poster presentation, 2020 SPLIT Conference (virtual meeting).
- 31) R. Lewitt, C. Black, L. Camp, T. Herman, N. Reid, L. Matthews, J. Cottrell, J. Matthews, **J. Emamaullee**, and A. Gosain. Surgeon representation on NIH study sections is associated with funding for surgeon-scientists. Oral Presentation. 2020 American College of Surgeons Clinical Congress, Scientific Forum.
- 32) **T.Lian***, **S. Moroz***, B. Zuckerbraun, J. Matthews, **J. Emamaullee**, A. Gosain, and **J. Emamaullee**. Defining the "Tipping Point" to Success as a Surgeon-Scientist: An Analysis of Applicants and Awardees of the American College of Surgeons Jacobson Promising Investigator Award. Oral Presentation. 2020 American College of Surgeons Clinical Congress, Scientific Forum. (***Trainees under my supervision**)
- 33) Y. Kwon, **L. Tenorio***, **S. Khan***, **C. Butler***, J. Shapiro, S. Saigal, L. Sher, Y. Genyk and **J. Emamaullee**. Living Donor Incentivization and Reimbursement in Liver Transplantation: The Global

Perspective. Poster presentation at the 2020 Transplantation Society Congress (virtual). (***Trainees under my supervision**)

- 34) **J. Emamaullee**, S. Asgharzadeh, **C. Man***, **J. Hoeflich***, N. Ung, R. Sun, N. Matasci, J. Katz, J.S.H. Lee, S. Chopra, L. Sher, and Y. Genyk. Multiplexed Imaging Mass Cytometry Analysis reveals a new role for CD68+ macrophages in Chronic Liver Transplant Rejection. Oral Presentation. 2020 American Transplant Congress, Virtual. (***Trainees under my supervision**)
- 35) ***T. Lian**, N. Kaur, **J. Emamaullee**, M. Lo, P. Ender, J. Kahn, and L. Sher. Increasing rates of morbid obesity and chronic liver disease: risk factors and regional differences in the selection of morbidly obese LT candidates in the US. Poster presentation. 2020 American Transplant Congress, Virtual. (***Trainees under my supervision**)
- 36) **R. Hogen***, M. Aljehani, J.S.H. Lee, L. Sher MD, Y. Genyk MD, **J. Emamaullee**. Public Health Insurance is Associated with Reduced Access to Living Donor Liver Transplantation and Increased Liver Transplant Waiting List Mortality: An Analysis of the Scientific Registry of Transplant Recipients. Poster presentation. 2020 American Transplant Congress, Virtual. (***Trainees under my supervision**)
- 37) **M. H. Raza***, W. Jackson, A. Dell, L. Ding, J. Shapiro, E. Pomfret, Y. Genyk, L. Sher, and **J. Emamaullee**. Analysis of the Overall Health-Related Quality of Life After Anonymous Nondirected Living Liver Donation: A Multi-Center, North American Collaboration. Oral presentation. 2020 American Transplant Congress, Virtual. (***Trainee under my supervision**)
- 38) **A. Barbetta***, M. Aljehani, **M. Kim***, **C. Tien***, A. Ahearn, H. Schillperoort, L. Sher, and **J. Emamaullee**. Adult Living donor liver transplantation results in superior patient and graft survival when compared to deceased donor liver transplantation: A systematic review and meta-analysis. Oral presentation, 2020 American Transplant Congress, Virtual. (***Trainee under my supervision**) *Selected for 'What's Hot and New in Clinical Science' best in congress presentation.*
- 39) R. Fischer, **M. Kim***, **A. Nguyen***, M. Lo, S.R. Kumar, J. Bucuvalas, E. Flynn, M. Hoffman, and **J. Emamaullee**. Challenges in Examining Transplant Outcomes in Patients with Fontan-Associated Liver Disease. Poster presentation. 2020 American Transplant Congress, Virtual. (***Trainee under my supervision**)
- 40) **J. Emamaullee**, S. Asgharzadeh, **C. Man***, **J. Hoeflich***, N. Ung, R. Sun, N. Matasci, J. Katz, J.S.H. Lee, S. Chopra, L. Sher, and Y. Genyk. Multiplexed Imaging Mass Cytometry Analysis reveals a new role for CD68+ macrophages in Chronic Liver Transplant Rejection. Oral presentation, 2020 International Liver Transplant Congress, Istanbul, Turkey. (**COVID-19 cancellation) (***Trainees under my supervision**)
- 41) **J. Emamaullee**, **M. H. Raza***, W. Jackson, A. Dell, L. Ding, J. Shapiro, E. Pomfret, Y. Genyk, L. Sher, and J. Emamaullee. Analysis of the Overall Health-Related Quality of Life After Anonymous Nondirected Living Liver Donation: A Multi-Center, North American Collaboration. Poster presentation, 2020 International Liver Transplant Congress, Istanbul, Turkey. (**COVID-19 cancellation) (***Trainee under my supervision**)
- 42) **A. Barbetta***, M. Aljehani, **M. Kim***, **C. Tien***, A. Ahearn, H. Schillperoort, L. Sher, and **J. Emamaullee**. Adult Living donor liver transplantation results in superior patient and graft survival when compared to deceased donor liver transplantation: A systematic review and meta-analysis. Oral presentation, 2020 International Liver Transplant Congress, Istanbul, Turkey. (**COVID-19 cancellation) (***Trainee under my supervision**)
- 43) **J. Emamaullee**, S. Asgharzadeh, **C. Man***, **J. Hoeflich***, N. Ung, R. Sun, N. Matasci, J. Katz, J.S.H. Lee, S. Chopra, L. Sher, and Y. Genyk. Multiplexed In Situ Imaging Mass Cytometry Analysis of

Chronic Rejection in Liver Transplantation. Oral presentation at the 2020 Academic Surgical Congress, Orlando, FL. (***Trainees under my supervision**)

- 44) **S. Zielsdorf***, **S. Kantymyr***, **L. Narayanan***, C. Weaver, R. Kohli, K. Etesami, Y. Genyk, and **J. Emamaullee**. Surgical shunts for pediatric extrahepatic portal vein obstruction: case series and systematic review. Quick-shot oral presentation at the 2020 Academic Surgical Congress, Orlando, FL. (***Trainees under my supervision**)
- 45) **L. Tenorio***, **S. Khan***, **H. Yoo***, H. Han, Y. Genyk and **Juliet Emamaullee**. Living Donor Incentivization and Reimbursement in Liver Transplantation: The Global Perspective. Quick-shot oral presentation at the 2020 Academic Surgical Congress, Orlando, FL. (***Trainees under my supervision**)
- 46) **M. Raza***, **M. Kim***, L. Ding, L. Sher, T.L. Fong, C. Romero, Y. Genyk, and **J. Emamaullee**. Financial, Psychosocial, and Overall Health-Related Quality of Life After Living Liver Donation. Oral presentation at the 2020 Academic Surgical Congress, Orlando, FL. (***Trainees under my supervision**)
- 47) P.J. Ebner, K.J. Bick; D. J. Gould; **J. Emamaullee**, Y. Genyk, L. Sher, K.M. Patel; J.N. Carey. Systematic review and meta-analysis of the role of microscope-assisted anastomosis in living donor liver transplant. Poster presentation. 2020 American Society of Reconstructive Microsurgery Annual Meeting, Ft. Lauderdale, FL.
- 48) **J. Emamaullee**, N. Patel, R. Kohli, J. Detterich, R. Subramanyan, V. Starnes, S. Badran, and G. Yanni. Impact of Sex, Ethnicity, and Body Mass Index on Biopsy Changes in Fontan-Associated Liver Disease. Poster presentation. 2019 The Liver Meeting of AASLD, Boston, MA.
- 49) **J. Emamaullee**, N. Kaur, ***T. Lian**, M. Lo, Y. Genyk, J. Kahn, and L. Sher. Increasing rates of morbid obesity and chronic liver disease: risk factors and regional variation in the selection of morbidly obese liver transplant candidates in the United States. Poster presentation. 2019 The Liver Meeting of AASLD, Boston, MA. (***trainees under my supervision**)
- 50) ***M. Kim**, ***H. Aziz**, M. Lo, ***S. Zielsdorf**, ***A. Woods**, J. Kim, L. Sher, Y. Genyk, and **J. Emamaullee**. Liver Transplantation in Patients with Sickle Cell Disease: case report and review of the Scientific Registry of Transplant Recipients. Poster presentation. 2019 International Liver Transplant Society Meeting, Toronto, Ontario. (***trainees under my supervision**)
- 51) **J. Emamaullee**, ***M. Kim**, ***C. Conrad**, C. Lane, ***P. Singh**, C.Niemann, L. Sher, and Y.Genyk. Assessment of the Global Practice of Living Donor Liver Transplantation: Comparison of U.S. and International Programs. Poster presentation. 2019 International Liver Transplant Society Meeting, Toronto, Ontario. (***trainees under my supervision**)
- 52) **J. Emamaullee**, ***M. Kim**, ***C. Conrad**, C. Lane, ***P. Singh**, C.Niemann, L. Sher, and Y. Genyk. Assessment of the Global Practice of Pediatric Living Donor Liver Transplantation: Comparison of U.S. and International Programs. Oral Presentation. 2019 Am. Transplant Congress, Boston, MA. (***trainees under my supervision**)
- 53) A. Narang, G. Yanni, N. Soufi, K. Newton, A. Serrano, **J. Emamaullee**, K. Etesami, Y. Genyk, D. Thomas, R. Kohli. NTCP mutations manifest with neonatal cholestasis and midline defects - a new syndrome that may need liver transplant. Poster Presentation. 2019 International Pediatric Transplant Association Meeting, Vancouver, BC Canada.
- 54) ***H. Aziz**, **J. Emamaullee**, ***S. Zielsdorf**, L. Sher, and Y. Genyk. Case report of hemorrhagic shock from spontaneous gallbladder rupture in a patient with advanced liver disease awaiting liver

transplant. Poster presentation. 2019 Am. Hepato-Pancreatico-Biliary Association Meeting, Miami, FL. (***trainees under my supervision**)

- 55) **J.A. Emamaullee** V. Nekrasov, S. Gilmour, N. Kneteman, G. Yanni, R. Kohli, D. Thomas, and Y. Genyk. Case series and systematic review of acquired diaphragmatic hernia after liver transplantation. Poster presentation. 2018 SPLIT Annual Meeting, Atlanta, GA.
- 56) **Emamaullee JA**, Sher L, Fong TL, Dhanireddy K, Zielsdorf S, Wade N, Romero C, and Genyk Y. Long-Term Medical, Financial, Psychosocial, and Overall Health-Related Quality of Life After Living Donation in Liver Transplantation. Oral presentation. 2018 Am. Transplant Congress, Seattle, WA.
- 57) Kahn J, Bang BR, Cook L, Lee B, Harper T, Kim B, **Emamaullee JA**, Genyk Y, Chopra S, Kanel G, Jerome K, and Saito T. Clinical Outcomes of Occult Hepatitis C Infection in a Post-Liver Transplant Population. Oral presentation. 2018 Digestive Diseases Week, Washington, DC.
- 58) Kahn J, Bang BR, Cook L, Lee B, Harper T, Kim B, **Emamaullee JA**, Genyk Y, Chopra S, Kanel G, Jerome K, and Saito T. Clinical Outcomes of Occult Hepatitis C Infection in a Post-Liver Transplant Population. Poster presentation. 2018 International Liver Conference (EASL), Paris, France.
- 59) **Emamaullee JA**, Bral MA, Montano-Loza A, Shapiro AMJ, Bigam D, Bain V, Kneteman N. HCV eradication should be attempted prior to liver transplantation and does not impact HCC recurrence. Poster presentation. 2017 American Transplant Congress, Chicago, IL.
- 60) **Emamaullee JA**, Bral MA, Montano-Loza A, Shapiro AMJ, Bigam D, Bain V, Kneteman N. HCV eradication should be attempted prior to liver transplantation. Oral presentation. 2016 CST-CNTRP-SQT Joint Scientific Meeting in Québec City, Québec.
- 61) Bral M, Gala-Lopez B, Bigam D, Andrew M, Livingstone S, **Emamaullee JA**, Russell L, Coussios C, West LJ, Friend P, Shapiro AMJ. Early Canadian Experience of Clinical Normothermic Ex Vivo Liver Perfusion. Oral presentation. 2016 CST-CNTRP-SQT Joint Scientific Meeting in Québec City, Québec.
- 62) McCall MD, Toso C, **Emamaullee JA**, Pawlick R, Edgar R, Davis J, Maciver A, Kin T. Shapiro AMJ. The caspase inhibitor IDN6556 enhances marginal mass islet engraftment in a mouse model of diabetes. Open mini-oral presentation. 13th World Congress of IPITA. Prague, Czech Republic. Rev Diab Stud 2011;8(1):145.
- 63) McCall MD, Toso C, **Emamaullee JA**, Pawlick R, Edgar R, Davis J, Maciver A, Arch R, Shapiro J. The caspase inhibitor PF-3491390 improves islet engraftment in a mouse model of diabetes. The Transplantation Society Annual Meeting 2010. Abstract P46.31
- 64) **J. Emamaullee**, K. Tan, R. Gallipulli, A. Montana-Loza, C. Toso, A.M.J. Shapiro, and R. Owen. The efficacy of transarterial radioembolization in hepatocellular carcinoma: effect on total tumour volume and patient survival at a single center. Poster presentation at the Cardiovascular and Interventional Radiological Society of Europe (CIRSE) Congress, Valencia, Spain October 2010.
- 65) **J.A. Emamaullee**, R. Edgar, C. Toso, A. Thiesen, V.Bain, D. Bigam, N. Kneteman, and A.M.J. Shapiro. VEGF expression in hepatic epithelioid hemangioendothelioma: implications for treatment and surgical management. Poster presentation, 2009 ACS Clinical Congress.
- 66) C. Toso, K. Isse, D.J. Anthony, P. Dinyari, A. Koh, S. Emes, T. Kin, **J.A. Emamaullee**, B. Verchere, P. Senior, and A.M.J. Shapiro. Biopsy Monitoring after Clinical Islet Transplantation. Oral presentation at the 2009 American Transplant Congress, Boston, MA.
- 67) **J.A. Emamaullee**, S. Merani, C. Toso, T. Kin, R. Pawlick, J. Davis, R. Edgar, J. Lock, S. Bonner-Weir, L. B. Knudsen, and A.M. James Shapiro. Porcine marginal mass islet autografts resist metabolic

failure over time and are enhanced by early treatment with liraglutide. Poster presentation at the 2009 American Transplant Congress, Boston, MA.

- 68) S. Merani, R.L. Edgar, R.L. Pawlick, J. Davis, M. McCall, C. Toso, **J.A. Emamullee**, T. Kin, A.M.J. Shapiro. AEB-071-Treated Immunodeficient Mice Exhibit Better Engraftment and Function of Transplanted Human Islets Compared to Sirolimus-Treated Controls. Poster presentation at the 2009 American Transplant Congress, Boston, MA.
- 69) **J.A. Emamullee**, M. McCall, J. Davis, C. Toso, S. Merani, Ben Tseng, and A.M.J. Shapiro. Caspase inhibitor therapy using EP1013 prevents autoimmune diabetes in NOD mice. Poster presentation at the 2009 American Transplant Congress, Boston, MA.
- 70) **J.A. Emamullee**, C. Toso, S. Merani, J. Davis, L. Stanton, and A.M.J. Shapiro. Inhibition of Th17 cells regulates autoimmune diabetes in NOD mice. Poster presentation at the Canadian Society of Transplantation 2009 Conference, Banff, AB.
- 71) **J.A. Emamullee**, S. Merani, C. Toso, T. Kin, F. Al Saif, W. Truong, R. Pawlick, J. Davis, R. Edgar, J. Lock, S. Bonner-Weir, L. B. Knudsen, and A.M. James Shapiro. Porcine marginal mass islet autografts resist metabolic failure over time and are enhanced by early treatment with liraglutide. Poster presentation at to the Canadian Society of Transplantation 2009 Conference, Banff, AB.
- 72) Toso C, Isse K, Demetris AJ, Dinyari P, Koh A, Emes S, Kin T, **Emamullee JA**, Senior P, Shapiro AMJ. Biopsy monitoring after clinical islet transplantation. Poster presentation at the Canadian Society of Transplantation 2009 Conference, Banff, AB.
- 73) Merani S, Edgar RL, Pawlick RL, Davis J, McCall M, Toso C, **Emamullee JA**, Kin T, Shapiro AMJ. AEB-071-treated immunodeficient mice exhibit better engraftment and function of transplanted human islets compared to sirolimus-treated controls. Poster presentation at the Canadian Society of Transplantation 2009 Conference, Banff, AB.
- 74) **J.A. Emamullee**, L. Stanton, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Inhibition of Th17 cells regulates autoimmune diabetes. Mini-oral presentation at the International Congress of the Transplantation Society, Sydney, Australia, August 2008.
- 75) **J.A. Emamullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Caspase Inhibitor Therapy Synergizes with Costimulation Blockade to Promote Tolerance Induction and Prevent Allosensitization in Islet Transplantation. Oral presentation at the International Congress of the Transplantation Soc., Sydney, Australia, August 2008.
- 76) **J.A. Emamullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Caspase Inhibitor Therapy Promotes Tolerance Induction. Oral presentation at the AST Distinguished Fellows Symposium, San Diego, CA, April 2008 (only top 12 basic science abstracts invited)
- 77) **J.A. Emamullee**, L. Stanton, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Inhibition of Th17 cells regulates autoimmune diabetes and prolongs graft survival in islet transplantation. Poster presentation at the American Transplant Congress, Toronto, Ontario, June 2008.
- 78) A.M.J. Shapiro, A. Koh, A. Salam, T. Kin, P. Dinyari, A. Malcolm, C. Toso, **J. Emamullee**, M. AlQhatani, S. Imes, S.Asthana, N. Kneteman, D. Bigam, P. Senior. Impact of different induction strategies on long term durability of insulin independence after clinical islet transplantation. Oral presentation at the American Transplant Congress, Toronto, Ontario, June 2008.
- 79) **J.A. Emamullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Caspase Inhibitor Therapy Promotes Tolerance Induction in Islet Transplantation. Poster presentation at the American Transplant Congress, Toronto, Ontario, June 2008.

- 80) A.M.J. Shapiro, A. Koh, T. Kin, P. Dinyari, A. Malcolm, C. Toso, **J. Emamaullee**, A. Salam, Imes, S., S. Asthana, M. Al-Qhatani, N. Kneteman, D. Bigam, P. Senior. Outcomes following alemtuzumab induction in clinical islet transplantation. Oral presentation at the American Transplant Congress, Toronto, Ontario, June 2008.
- 81) C. Toso, V. Serre-Beinier, V. Armanet, **J.A. Emamaullee**, S. Merani, A. Wojtusciszyn, P. Morel, D. Bosco, T. Berney, A.M.J. Shapiro. Depletion of Macrophage Migration Inhibitory Factor (MIF) Improves Islet Engraftment and Survival Following Transplantation. Poster presentation at the American Transplant Congress, Toronto, Ontario, June 2008.
- 82) **J.A. Emamaullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Caspase Inhibitor Therapy Promotes Tolerance Induction. Poster presentation, FOCIS Congress, Boston, MA, June 2008.
- 83) Merani S, Truong W, **Emamaullee J**, Toso C, Knudsen LB, Shapiro AMJ. Optimal Liraglutide therapy improves engraftment and function of a marginal mass islet transplant in mice. *Diabetes* 2008;57(Suppl 1):A542
- 84) **J.A. Emamaullee**, L. Stanton, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Inhibition of Th17 cells regulates autoimmune diabetes and prolongs graft survival in islet transplantation. Oral presentation, Canadian Society of Transplantation Annual Scientific Meeting, Quebec, March 2008.
- 85) Toso C, Serre-Berner V, Armanet M, **Emamaullee J**, Merani S, Wojtusciszyn A, Morel P, Bosco D, Berney T, Shapiro AMJ. Depletion of macrophage migration inhibitory factor (MIF) improves islet engraftment and survival following transplantation. *Canadian Society of Transplantation Annual Scientific Meeting Abstract Book 2008*, Page 12, Abstract #23-B.
- 86) Merani S, Truong W, **Emamaullee JA**, Toso C, Anderson CC, Knudsen LB, Shapiro AMJ. Liraglutide improves engraftment and function of a marginal mass islet transplant in mice. *Canadian Society of Transplantation Annual Scientific Meeting Abstract Book 2008*, Page 5, Abstract #009-B.
- 87) **J.A. Emamaullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. The Impact of Caspase Inhibitor Therapy on Allograft Survival in Islet Transplantation. Highlighted poster presentation at the Canadian Society of Transplantation Annual Scientific Meeting, Mt Tremblant, Quebec, March 2008.
- 88) **J.A. Emamaullee**, C. Anderson, and A.M. James Shapiro. IL-17 neutralization prevents autoimmune diabetes in NOD mice but does not delay allograft rejection in islet transplantation. Oral presentation at the Academic Surgical Congress, February 2008.
- 89) **J.A. Emamaullee**, S.X. Cai, B. Tseng, and A.M. James Shapiro. The Novel Caspase Inhibitor EP1013 Promotes Human Islet Survival In Vitro and Enhances Marginal Islet Graft Function Following Islet Transplantation. Plenary oral presentation at the Academic Surgical Congress, February 2008.
- 90) **J.A. Emamaullee**, C. Anderson, and A.M. James Shapiro. IL-17 neutralization prevents autoimmune diabetes in NOD mice but does not delay allograft rejection in islet transplantation. Oral presentation at the Transplant Society Basic Science Symposium, Halifax, NS, Sept. 2007.
- 91) **J.A. Emamaullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Long Term Insulin Independence with No Evidence of Islet Dysfunction or Fibrosis Following Marginal Mass Islet Unpurified Autograft Transplantation in Swine. Poster presentation at the Transplant Society Basic Science Symposium, Halifax, NS, Sept. 2007.
- 92) **J.A. Emamaullee**, C. Anderson, and A.M. James Shapiro. IL-17 neutralization prevents autoimmune diabetes in NOD mice but does not delay allograft rejection in islet transplantation. Poster presentation at The Joint Conference of the Cell Transplant Society, International Pancreas and Islet Transplantation Association, and International Xenotransplantation Society, Sept. 2007.

- 93) **J.A. Emamullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Long Term Insulin Independence with No Evidence of Islet Dysfunction or Fibrosis Following Marginal Mass Islet Unpurified Autograft Transplantation in Swine. Poster presentation at The Joint Conference of the Cell Transplant Society, International Pancreas and Islet Transplantation Association, and International Xenotransplantation Society, September 2007.
- 94) **J.A. Emamullee**, S.X. Cai, B. Tseng, and A.M. James Shapiro. The Novel Caspase Inhibitor EP1013 Promotes Human Islet Survival In Vitro and Enhances Marginal Islet Graft Function Following Islet Transplantation. Poster presentation at The Joint Conference of the Cell Transplant Society, International Pancreas and Islet Transplantation Association, and International Xenotransplantation Society, September 2007.
- 95) **J.A. Emamullee**, S.X. Cai, B. Tseng, and A.M. James Shapiro. The Novel Caspase Inhibitor EP1013 Promotes Human Islet Survival In Vitro and Enhances Marginal Islet Graft Function Following Islet Transplantation. Poster presentation at the Transplant Society Basic Science Symposium, Halifax, NS, September 2007.
- 96) **J.A. Emamullee**, C. Anderson, and A.M. James Shapiro. IL-17 neutralization prevents autoimmune diabetes in NOD mice but does not delay allograft rejection in islet transplantation. Oral presentation at the American Transplant Congress, May 2007.
- 97) **J.A. Emamullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Robust long term marginal mass islet graft function in autografted pigs. Poster presentation at the American Transplant Congress, San Francisco, CA, May 2007.
- 98) **J.A. Emamullee**, S.X. Cai, B. Tseng, and A.M. James Shapiro. The novel caspase inhibitor EP1013 enhances marginal mass graft function in islet transplantation. Oral presentation at the American Transplant Congress, San Francisco, CA, May 2007.
- 99) **J.A. Emamullee**, C. Schur, and A.M. James Shapiro. Caspase Inhibitor Therapy in Islet Transplantation Promotes Marginal Mass Islet Graft Survival and Function. Oral presentation at the Canadian Society of Transplantation Annual Meeting and Canadian Transplant Academy Training Day, Banff, Alberta, March 2007.
- 100) **J.A. Emamullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Marginal mass islet graft function in pigs. Poster presentation at the Canadian Society of Transplantation Annual Scientific Meeting, Banff, Alberta, March 2007.
- 101) **J.A. Emamullee**, C. Schur, and A.M.J. Shapiro. Marginal Mass Islet Graft Function in Pigs. Poster presentation at the Assoc. of Women Surgeons Meeting, Chicago, IL, October 2006.
- 102) Truong W, **Emamullee JA**, Merani S, Anderson CC, Lakey JRT, Shapiro AMJ. Human islet function not impaired by FTY720. Alberta Diabetes Institute Research Retreat 2006, Edmonton, Canada.
- 103) **J.A. Emamullee** and A.M.J. Shapiro. Caspase Inhibitor Therapy in Islet Transplantation Promotes Long Term β -cell Survival and Function. Transplantation 82 (issue 1)(Suppl 3): 159, 2006. Oral presentation at the World Transplant Congress, Boston, MA, July 2006.
- 104) **J.A. Emamullee**, S. Merani, C. Larsen, and A.M.J. Shapiro. Belatacept and Simulect Synergize to Inhibit Porcine Allogeneic and Human Anti-Pig Xenogeneic Immune Responses. Am J Transplant 6(Suppl2) and Transplantation 82 (issue 1)(Suppl 3): 905, 2006. (Poster presentation)

- 105) **J. A. Emamaullee**, G. Korbitt, R.V. Rajotte, and J. F. Elliott. Neonatal Porcine Islets Exhibit Natural Resistance to Hypoxia Induced Apoptosis. Poster presentation at the 9th CDA/CSEM Professional Conference, Edmonton, Alberta, October 2005.
- 106) **J. A. Emamaullee**, R.V. Rajotte, J. Lakey and J. F. Elliott. Significantly fewer human islets are required to reverse diabetes in NOD-RAG^{-/-} mice if the islets are first transduced to overexpress the X-linked Inhibitor of Apoptosis Protein (XIAP). Poster presentation at the 7th International Congress of the Cell Transplant Society, November 2004.
- 107) **J. A. Emamaullee** and J. F. Elliott. XIAP Overexpression in an Islet β -cell Line Enhances Cell Engraftment by Conferring Resistance to Hypoxia-Reperfusion Injury. Clin Invest Med. 27(4): M38.76, 2004. Poster presentation at the FOCIS Congress, Montreal, QC, July 2004.
- 108) **J.A. Emamaullee**, P. Liston, R.G. Korneluk, R.V. Rajotte, and J.F. Elliott. Preventing β -cell Apoptosis in Diabetic NOD Mice via XIAP Overexpression. Poster presentation at the Canadian Society for Immunology National Meeting, March 2003.
- 109) **J.A. Ramirez**. Movement of Chromium into Chromodulin in Response to Insulin. FASEB J 14: (4) A538-A538, 2000. Poster presentation at the Experimental Biology Meeting of FASEB, May 2000

Abstracts Presented at Local/Regional Scientific Meetings

- 110) R. Lewitt, C.M. Black, L. Camp, J. Matthews, **J. Emamaullee**, and A. Gosain. Gender Disparities in NIH Funding of Surgeon-Scientists. Presented at the 2020 Tennessee Chapter of the American College of Surgeons Meeting.
- 111) A. Fahradyan, P.J. Ebner, **J. Emamaullee**, Y. Genyk, L. Sher, A. Ahearn, N. Kaur, and J.N. Carey. Arterial anastomosis using microsurgical techniques in liver transplantation: Our institutional experience. Oral Presentation. 2020 Southern California Chapter Meeting of the American College of Surgeons, Santa Barbara, CA.
- 112) **M. Kim***, **C. Conrad***, C. Lane, ***P. Singh**, C. Niemann, L. Sher, Y. Genyk and **J. Emamaullee**. Assessment of the Global Practice of Living Donor Liver Transplantation: Comparison of U.S. and International Programs. Poster presentation. 2019 USC Department of Surgery Berne Research Symposium. (***Trainees under my supervision**)
- 113) **C. Conrad***, **M. Kim***, C. Lane, ***P. Singh**, C. Niemann, L. Sher, Y. Genyk and **J. Emamaullee**. Assessment of the Global Practice of Living Donor Liver Transplantation: Comparison of U.S. and International Programs. Poster presentation. 2019 USC Medical Student Research Symposium. (***Trainees under my supervision**)
- 114) **C. Tien***, **M. Kim***, G. Meeberg, S. Gilmour, N. Kneteman, A.MJ. Shapiro, and J.A. Emamaullee. Factors contributing to superior outcomes in pediatric liver transplant recipients with maternal living donor allografts. Poster presentation. 2019 USC Medical Student Research Symposium. (***Trainees under my supervision**)
- 115) Merani S, Edgar RL, Pawlick RL, Davis J, McCall M, Toso C, **Emamaullee JA**, Kin T, Shapiro J. AEB-071, a protein kinase C inhibitor, acts complementarily with cyclosporine to prevent islet rejection in rats and has no toxicity on beta-cell function. University of Alberta Tom Williams Surgical Research Day Abstract Book 2010, Page 20.

- 116) McCall M, Toso C, **Emamaullee JA**, Merani S, Knudsen L, Shapiro J. Liraglutide, a long-acting human glucagon-like peptide 1 analogue, improves human islet survival in culture. University of Alberta Tom Williams Surgical Research Day Abstract Book 2010, Page 14.
- 117) McCall M, Toso C, **Emamaullee JA**, Merani S, Knudsen L, Shapiro J. Liraglutide, a long-acting human glucagon-like peptide 1 analogue, improves human islet survival in culture. University of Alberta Tom Williams Surgical Research Day Abstract Book 2010, Page 14.
- 118) **J. Emamaullee**, K. Tan, R. Gallipulli, A. Montana-Loza, C. Toso, A.M.J. Shapiro, and R. Owen. The efficacy of transarterial radioembolization in hepatocellular carcinoma: effect on total tumour volume and patient survival at a single center. Oral presentation at the University of Alberta Dept. of Radiology Research Day, 4/2010.
- 119) Toso C, Edgar R, Pawlick R, **Emamaullee J**, Merani S, Dinyari P, Mueller TF, Shapiro AMJ, Anderson CC. Effect of different induction strategies on effector, regulatory and memory lymphocyte sub-populations in clinical islet transplantation. Oral presentation at the Alberta Diabetes Institute Research Symposium, October 2008.
- 120) Toso C, Issa K, Demetris AJ, Dinyari P, Koh A, Imes S, **Emamaullee J**, Senior P, Shapiro AMJ. Biopsy monitoring after clinical islet transplantation. Poster presentation at the Alberta Diabetes Institute Research Symposium, Oct. 2008.
- 121) **J.A. Emamaullee**, L. Stanton, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Inhibition of Th17 cells regulates autoimmune diabetes. Poster presentation at the Alberta Diabetes Institute Research Symposium, Oct. 2008.
- 122) **J.A. Emamaullee**, J. Davis, S. Merani, C. Toso, and A.M.J. Shapiro. Caspase Inhibitor Therapy Synergizes with Costimulation Blockade to Promote Tolerance Induction. Oral presentation at the Alberta Diabetes Institute Research Symposium, October 2008.
- 123) Toso C, **Emamaullee J**, Merani S, Berney T, Shapiro AMJ. The absence of macrophage migration inhibitory factor improves islet engraftment and survival following transplantation. University of Alberta Tom Williams Surgical Research Day 2008 Abstract Book.
- 124) **J.A. Emamaullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Long Term Marginal Mass Islet Graft Function in Swine. Oral presentation at the ADI Retreat, September 2007.
- 125) **J.A. Emamaullee**, C. Anderson, and A.M. James Shapiro. IL-17 neutralization prevents autoimmune diabetes in NOD mice but does not delay allograft rejection in islet transplantation. Poster presentation at Alberta Diabetes Institute Retreat, September 2007.
- 126) **J.A. Emamaullee**, S.X. Cai, B. Tseng, and A.M. James Shapiro. The Novel Caspase Inhibitor EP1013 Promotes Human Islet Survival In Vitro and Enhances Marginal Islet Graft Function Following Islet Transplantation. Poster presentation at the Alberta Diabetes Institute Retreat, September 2007.
- 127) **J.A. Emamaullee**, C. Schur, and A.M. James Shapiro. Caspase Inhibitor Therapy in Islet Transplantation. Oral presentation at the Alberta Diabetes Institute Retreat, Sept. 2006.
- 128) **J.A. Emamaullee**, C. Schur, F. Al Saif, S. Merani, W. Truong, R. Pawlick, T. Kin, and A.M. James Shapiro. Marginal mass islet graft function in pigs. Poster presentation at the Alberta Diabetes Institute Retreat, September 2006.
- 129) **J.A. Emamaullee**, B. Luo, S. Merani, W. Truong, C. Schur, R. Pawlick, R. Wilson, J.R.T. Lakey, and A.M.J. Shapiro. Development of a Large Animal Pig Model of Living Donor Islet Transplantation. Poster presentation at the Alberta Diabetes Institute Retreat, Sept. 2005.

- 130) **J.A. Emamaullee**, R.V. Rajotte, and J.F. Elliott. Neonatal Porcine Islets Exhibit Natural Resistance to Hypoxia-Induced Apoptosis. Oral presentation at the 9th Alberta Immunet Retreat, June 2005.
- 131) **J.A. Emamaullee**, R.V. Rajotte, P. Liston, R.G. Korneluk, J.R.T. Lakey and J.F. Elliott. Preventing loss of human islets in the early post-transplant period: a gene therapy approach. Oral presentation at the Alberta Diabetes Institute Retreat, September 2004.
- 132) **J.A. Emamaullee** and J.F. Elliott. Transplantation of β -cells into diabetic NOD mice: dissecting the immune mechanisms which cause islet graft dysfunction in Type 1 diabetic recipients. Poster presentation at the 8th Alberta Immunet Retreat, June 2004.

Abstracts: Submitted

- 133) **Rocque B***, **Ascher-Bartlett J***, **Saputera T***, Bangerth S, **Barbetta A***, **Roper B***, Weaver C, Kohli R, and **Emamaullee J**. PD1+ T cell populations are potential mediators of spontaneous recovery without transplant in pediatric acute liver failure. (***Trainees under my supervision**) Submitted to the 2023 International Liver Transplant Congress, Rotterdam, Netherlands.
- 134) **Rocque B***, **Barbetta A***, Bangerth S, **Sarode D***, **Weaver C***, **Kim J***, **Roper B***, Street K, Chopra S, Kohli R, and **Emamaullee J**. Interplay Between Intrahepatic Macrophages and Alloreactive and Regulatory T-cells mediates the Complex Alloimmune Microenvironment During Acute Rejection in Clinical Liver Transplantation. (***Trainees under my supervision**) Submitted to the 2023 International Liver Transplant Congress, Rotterdam, Netherlands.
- 135) **Rocque B***, **Ascher-Bartlett J***, **Saputera T***, Bangerth S, **Barbetta A***, **Roper B***, Weaver C, Kohli R, and **Emamaullee J**. PD1+ T cell populations are potential mediators of spontaneous recovery without transplant in pediatric acute liver failure. (***Trainees under my supervision**) Submitted to the 2023 American Transplant Congress, San Diego, CA.
- 136) **Misra A***, **Roper B***, **Kim J***, **Singh P***, Lee J, Sher LS, and **Emamaullee J**. Nanostructured Mass Exchangers as Liver Assist Devices. (***Trainees under my supervision**) Submitted to the 2023 American Transplant Congress, San Diego, CA.
- 137) **Barbetta A***, **Rocque B***, Bangerth S, **Sarode D***, **Weaver C***, **Kim J***, **Roper B***, Street K, Chopra S, Kohli R, and **Emamaullee J**. Interplay Between Intrahepatic Macrophages and Alloreactive and Regulatory T-cells mediates the Complex Alloimmune Microenvironment During Acute Rejection in Clinical Liver Transplantation. (***Trainees under my supervision**) Submitted to the 2023 American Transplant Congress, San Diego, CA.
- 138) Bangerth S, **Ascher-Bartlett J***, **Jordan S***, Weaver C, **Barhouma S***, **Martin S***, Wang K, Kohli R, and **Emamaullee J**. Creation of the Pediatric Acute Liver Failure (PALF) Score to accurately predict survival with native liver. (***Trainees under my supervision**) Submitted to the 2023 American Surgical Association Annual Meeting, Toronto, ON Canada.

Research Focus:

- My interests center on allo- and auto-immune responses and tumor biology in the context of pediatric and adult liver transplantation. I am also interested in clinical outcomes relating to pediatric and adult living donor liver transplantation.
- Lab website: <https://sites.usc.edu/transplantlab/>
- H-Index: 24

Grant Support:

Active

- 1) National Cancer Institute, K08 CA245220-01 **6/2020-5/2025**
 - Role: Principal Investigator
 - Mentor: Omid Akbari, PhD
 - Title: Immunologic Biomarkers of Rejection in Clinical Liver Transplantation
 - Budget: \$ 266,384/year
- 2) Wright Foundation Standard Pilot Grant **2022-2023**
 - Role: Principal Investigator
 - Title: Single Cell Multi-omics to Uncover Pathogenesis and Therapeutic Targets in Fontan-Associated Liver Disease
 - Budget: \$50,000/year
- 3) USC Center for Computational Genomics Pilot Grant **2021-2022**
 - Role: Principal Investigator
 - Title: Single Cell Analysis of Fontan-Associated Liver Disease
 - Budget: \$30,000/year
- 4) Pilot Grant **2022**
 - Role: Principal Investigator
 - Source: Florida-California Cancer Research, Education, and Engagement (CaRE²) Health Equity Center (National Cancer Institute 5U54CA233465-04)
 - Title: Single Cell and Spatial Transcriptomics to Uncover Pathogenesis and Oncogenesis of Fontan-Associated Liver Disease
 - Budget: \$10,000
- 5) One Legacy Foundation Research Fellowship Award **2022-2023**
 - Role: Mentor
 - Trainee: Johanna Ascher-Bartlett, MD
 - Title: Biomarkers of Pediatric Acute Liver Failure
 - Budget: \$100,000
- 6) California Institute of Regenerative Medicine Postdoctoral Fellowship Award **2022-2024**
 - Role: Mentor
 - Trainee: Sean Martin, DO
 - Title: Umbilical Stem Cell Repair of Acute Liver Injury
 - Budget: \$110,000/year
- 7) CHLA Saban Institute Postdoctoral Fellowship Award **2022-2024**
 - Role: Mentor
 - Trainee: Johanna Bartlett, MD
 - Title: Immunological features of acute liver failure in children.
 - Budget: \$65,000 salary + fringe
- 8) ASTS Veloxis Fellowship in Transplantation Award **2021-2023**
 - Role: Mentor
 - Trainee: Asish Misra, MD
 - Title: Nanostructured Mass Exchangers for Hepatic Replacement Therapy
 - Budget: \$85,000
- 9) One Legacy Foundation Research Fellowship Award **2021-2023**
 - Role: Mentor

- Trainee: Asish Misra, MD
 - Title: Nanostructured Mass Exchangers for Hepatic Replacement Therapy
 - Budget: \$100,000
- 10) One Legacy Foundation Research Fellowship Award **2020-2023**
- Role: Mentor
 - Trainee: Brittany Rocque, MD
 - Title: Immunological landscape of rejection in clinical liver transplantation.
 - Budget: \$200,000
- 11) USC Department of Surgery Research Lab Startup Funds **2018-2023**
- Role: Principal Investigator
 - Title: Investigation of Rejection and Tolerance in Clinical Liver Transplantation
- Completed**
- 12) AASLD Clinical, Translational, and Outcomes Research Award **2020-2022**
- Role: Principal Investigator
 - Title: Multiplexed Immune Profiling of Rejection in Pediatric Liver Transplantation
 - Budget: \$100,000/year
- 13) Gilead Liver Disease Research Scholar Award **2020-2022**
- Role: Principal Investigator
 - Title: Temporal Changes in the Immune Landscape During Liver Transplantation Rejection
 - Budget: \$65,000/year
- 14) USC Broad Institute Postdoctoral Fellowship Award **2021-2022**
- Role: Mentor
 - Trainee: Johanna Bartlett, MD
 - Title: Immunological features of acute liver failure in children.
 - Budget: \$65,000 salary + fringe, \$9000 research/travel allowance per year
- 15) ASTS/Natera Faculty Development Research Grant **2020-2022**
- Role: Principal Investigator
 - Title: CyTOF-based Analysis of Acute Rejection in Clinical Liver Transplantation
 - Budget: \$50,000/year
- 16) USC Undergraduate Research Associates Program Grant **2021**
- Role: Principal Investigator
 - Budget: \$6000 to support two undergraduate students in the Summer of 2021
- 17) Saban Research Institute of CHLA Core Pilot Grant **2021**
- Role: Co-I/Mentor
 - Title: Biomarkers of Pediatric Acute Liver Failure
 - Budget \$7,000
- 18) Norris Comprehensive Cancer Institute Core Pilot Grant **2021**
- Role: Principal Investigator
 - Title: Visium protocol for human liver tissue
 - Budget \$15,000
- 19) USC Broad Institute Postdoctoral Fellowship Award **2020-2021**
- Role: Mentor
 - Trainee: Brittany Rocque, MD
 - Title: Immunological features of rejection in clinical liver transplantation.
 - Budget: \$65,000 salary + fringe, \$9000 research/travel allowance per year

- 20) NHLBI Diversity Supplement, 3R01HL141857-01S1 4/2019-5/2020
- Role: Career Development Trainee
 - PI: Young Kwon Hong, PhD
 - Title: Cooperative regulation of mechanotransduction for lymphatic valve development
 - Budget: \$255,475/year
- 21) USC Research Center for Liver Diseases Pilot Funding Award 2019-2020
- Role: Principal Investigator
 - Title: Immune Phenotype of Rejection in Clinical Liver Transplantation
 - Budget: \$50,000/year
- 22) AST Research Network Translational Faculty Development Research Grant 2020-2021
- Role: Principal Investigator
 - Title: Multiplexed Immune Profiling of Rejection in Pediatric Liver Transplantation
 - Budget: \$50,000/year
 - Declined due to receipt of NIH K Award (ineligibility)
- 23) USC COVID-19 Research Grant 2020-2021
- Role: Co-Investigator
 - Title: Serum Immune Biomarkers to Predict COVID-19 Disease severity at LAC+USC Medical Center
 - Budget: \$36,915
- 24) USC Dean's Pilot Funding Award 2018-2019
- Role: Principal Investigator
 - Title: Biomarkers of Rejection in Pediatric Liver Transplantation.
 - Budget: \$37,500/year
- 25) USC Undergraduate Research Associates Program Grant 2020
- Role: Principal Investigator
 - Budget: \$6000 to support two undergraduate students in the Summer of 2020
- 26) USC Undergraduate Research Associates Program Grant 2019
- Role: Principal Investigator
 - Budget: \$4600 to support two undergraduate students in the Summer of 2019
- 27) JDRF Center Grant, University of Alberta 2008-2011
- Agency: Juvenile Diabetes Research Foundation
 - Title: Project 6 - Development of Caspase Inhibitor Therapy to Improve Engraftment and Promote Tolerance Induction in Islet Transplantation
 - Role: Principal Investigator; Co-Investigators A.M. James Shapiro, MD, PhD
 - Budget: \$119,000/year x 3 years.

Bibliography (<https://www.ncbi.nlm.nih.gov/myncbi/1r9WzyeM5uw5Z/bibliography/public/>)

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- 2) Bhat M, Dondossola D, Varghese R, Czigani Z, **Emamaullee J**, Ghinolfi D, Al-Adra D, Riani E, Pang L, Boteon Y, Brueggenwirth I, Guimaraes J, Barbas A, Mas V, Selzner M, and Martins PN. What Is Hot and New in Basic and Translational Science in Liver Transplantation in 2022? Report of the Basic and Translational Research Committee of the International Liver Transplantation Society. 2023 Transplantation, In Press.

- 3) **A. Das***, **B. Rocque***, **A. Barbetta***, **D. Remulla***, C. Goldbeck, J. Kim, Y. Kwon, and **J. Emamaullee**. Is there a role for donor-specific antibody testing in simultaneous liver-kidney transplantation? A single center analysis of outcomes. (***Trainees under my supervision**) Transplantation 2022 Nov 18. doi: 10.1097/TP.0000000000004404.
- 4) **M. H. Raza***, Y. Kwon, **P. Kobierski***, **A. Misra***, **A. Lim***, C. Goldbeck, K. Etesami, R. Kohli, and **J. Emamaullee**. MELD/PELD Exception Policy and Outcomes in Children with Hepatopulmonary Syndrome Requiring Liver Transplantation in the US. (***Trainees under my supervision**) Liver Transplantation 2022 Jul 25. doi: 10.1002/lt.26548.
- 5) **A. Barbetta***, **B. Rocque***, **D. Sarode***, **J. Ascher-Bartlett***, and **J. Emamaullee**. Revisiting transplant immunology through the lens of single cell technologies. (***Trainees under my supervision**) Seminars in Immunopathology 2022 Aug 18:1-19. doi: 10.1007/s00281-022-00958-0.
- 6) **J. Emamaullee**, **S. Martin***, C. Goldbeck, **B. Rocque***, **A. Barbetta***, R. Kohli, and V. Starnes. Evaluation of Fontan-associated liver disease and ethnic disparities in long-term survivors of the Fontan procedure: A population-based study. (***Trainees under my supervision**) (ASA paper) Ann Surg 2022 Jun 29. doi: 10.1097/SLA.0000000000005581.
- 7) **J. Ascher-Bartlett***, G. Yanni, Y. Kwon, and **J. Emamaullee**. Pediatric Acute Liver Failure: Re-examining key clinical features, current management, and research prospects. (***Trainees under my supervision**) Liver Transplantation, May 12. doi: 10.1002/lt.26500.
- 8) **N. Ung***, C. Goldbeck, **C. Man***, **J. Hoeflich***, R. Sun, **A. Barbetta***, N. Matasci, J. Katz, J.S.H. Lee, S. Chopra, S. Asgharzadeh, M. Warren, L. Sher, R. Kohli, O. Akbari, Y. Genyk, and **J. Emamaullee**. Adaptation of Imaging Mass Cytometry to Explore the Single Cell Alloimmune Landscape of Rejection in Liver Transplantation. (***Trainees under my supervision**) Front Immunol. 2022 Mar 31;13:831103. doi: 10.3389/fimmu.2022.831103.
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- 11) S. Huang, A. Fahradyan, **J. Emamaullee**, Y. Genyk, L. Sher, A. Ahearn, N. Kaur, K. Patel, and J. Carey. Arterial anastomosis using microsurgical techniques in adult liver transplantation: A Focus on Technique and Outcomes at a Single Institution. J Reconstr Microsurg 2022 Jun 28. doi: 10.1055/s-0042-1749339.
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- 13) T. Taner, J. Bruner, **J. Emamaullee**, E. Bonaccorsi-Riani, and A. Zarrinpar. New Approaches to the Diagnosis of Rejection in Liver Transplantation. 2022 Transplantation, 2022 May 16. doi: 10.1097/TP.0000000000004160.
- 14) **J. Emamaullee**, J. Heimbach, K. Olthoff, E. Pomfret, J.P. Roberts, and Z. Selzner. Assessment of long-term outcomes post living liver donation highlights the importance of scientific integrity when presenting transplant registry data. Am J Transplant. 2022 Mar 30. doi: 10.1111/ajt.17045.
- 15) **S. Martin***, **B. Rocque***, and **J. Emamaullee**. Social media in transplantation: an opportunity for outreach, research promotion, and enhancing workforce diversity. (***Trainees under my supervision**) 2022 Transplantation Apr 8. doi: 10.1097/TP.0000000000004143.

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- 17) **B. Rocque***, **A. Zaldana***, C. Weaver, **J. Huang***, **A. Barbetta***, **V. Shakhin***, C. Goldbeck, G. Yanni, R. Kohli, Y. Genyk, and **J. Emamaullee**. Clinical value of protocol biopsies in pediatric liver transplantation. (***Trainees under my supervision**) 2021 *Liver Transplantation* Dec 26. doi: 10.1002/lt.26399.
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- 21) **Raza M***, Kaur N, Sher L, Genyk Y, and **Emamaullee J**. Anonymous Nondirected Living Liver Donation in the U.S. (***Trainees under my supervision**) *Transplantation Direct* 2021 Dec 23;8(1):e1275. doi: 10.1097/TXD.0000000000001275.
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- 24) **J. Emamaullee**, **S. Khan***, C. Weaver, C. Goldbeck, G. Yanni, R. Kohli, Y. Genyk, S. Zhou, N. Shillingford, C. Takao, P. Sullivan, J. Detterich, P. Kantor, J. Cleveland, C. Herrington, R. Subramanyan, V. Starnes, S. Badran, and N. Patel. Clinical features associated with bridging fibrosis in adolescent patients with Fontan-Associated Liver Disease. (**Trainee under my supervision**) *JHep Rep* 2021 Sep 14;3(6):100362. doi: 10.1016/j.jhepr.2021.10036
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- 26) MK Turgeon; SA Shah; AM Delman; BV. Tran; VG Agopian; JP Wedd; JF Magliocca; MP Anderson; CA Kubal; RM Cannon; JE Locke; MA Simpson; ME Akoa; **CP Wongjirad***; **J Emamaullee**; A Moro; F Aucejo; CA Feizpour; P Vagefi; MH Nguyen; CO Esquivel; K Dhanireddy; V Subramanian; MS Anderson; CJ Sonnenday; D Moris; SJ Knechtle; M Abdouljoud; RJ Salgia; SR Ganesh; A Humar; M Doyle; WC Chapman; and SK Maithel. Optimal Timing of Administration of Direct-Acting Antivirals for

Patients with Hepatitis C-Associated HCC Undergoing Liver Transplantation. (***Trainees under my supervision**) Ann Surg 2021 Oct 1;274(4):613-620.

- 27) **B. Rocque***, **A. Barbetta***, **P. Singh***, C. Goldbeck, D.G. Helou, E. Loh, N. Ung, J. Lee, O. Akbari, and **J. Emamaullee**. Meta-analysis of scRNA seq data to define the landscape of human liver immune homeostasis. Front Immunol 2021 Jul 16;12:679521. doi: 10.3389/fimmu.2021.679521.
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- 30) **A. Barbetta***, **C. Butler***, **S. Barhouma***, **R. Hogen***, **B. Rocque***, H. Schillperoort, G. Meeberg, A.M.J. Shapiro, Y. Kwon, R. Kohli, and **J. Emamaullee**. Living donor versus deceased donor pediatric liver transplantation: a systematic review and meta-analysis of outcomes. (***Trainees under my supervision**) Transplant Direct, 2021 Sep 20;7(10):e767. doi: 10.1097/TXD.0000000000001219.
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- 34) **R. Hogen***, A. Motamed, C. Baker, Y. Genyk, and **J. Emamaullee**. Intraoperative Salvage and Liver Re-Transplantation on ECMO. (***Trainees under my supervision**) Curr Opin Organ Transplant 2021 Aug 1;26(4):456-457.
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