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## Curriculum Vitae

Adam David Griesemer, MD

## Contact Information

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Work email address: Adam.Griesemer@nyulangone.org

## Additional Information

Place of birth: St. Louis, Missouri, USA

# Current Appointments and Leadership Positions

### **Faculty Appointment**

 02/2022 Associate Professor, Tenure-eligible, Department of Surgery, NYU Langone Health, New York, NY

## Hospital Appointment

02/2022 Attending Surgeon, Department of Surgery, NYU Langone, New York, NY

### **Administrative Leadership Positions**

02/2022 Surgical Director of Living Donor Liver Transplantation, Transplant Institue, NYU Langone, New York, NY

02/2022 Surgical Director of Pediatric Liver Transplantation, Transplant Institue, NYU Langone, New York, NY

11/2022 Surgery Lead for Kimmel Pavillion 5th Floor Perioperative Services Triad

# Education and Training

## Education

05/1998 BA Chemistry Harvard University Cambridge, MA

05/2003 MD Medicine Univeristy of Missouri-Columbia Columbia, MO

### **Postdoctoral**

06/2003-06/2004 Internship, General Surgery, Columbia University Medical Center, New York, NY

07/2005-05/2008 Post-Doctoral Fellowship, Transplant Immunology, Harvard Medical School, Boston, MA

07/2004-06/2011 Residencey, General Surgery, Columbia University Medical Center, New York, NY

07/2011-06/2013 Fellowship, Transplant Surgery, Columbia University Medical Center, New York, NY

### **Specialty Certification**

01/2013 American Board of Surgery

06/2013 American Society of Transplant Surgeons

### **Licensure**

2013-current New York #249021

# Previous Appointments and Leadership Positions

**Faculty Academic Appointments**

07/2011 – 06/2013 Instructor, Not Tenure-Eligible, Surgery, Columbia University, New York, NY

07/2013 – 01/2022 Assistant Professor of Surgery, Tenure-Eligible, Columbia U, New York, NY

## Hospital Appointments

07/2013 – 01/2022 Assistant Attending, Surgery, NYP-Columbia University, New York, NY

01/2018 – 01/2022 Assistant Attending, Surgery, NYP-WeillCornell, New York, NY

### **Administrative Leadership Positions**

08/2013-01/2022 Principal Investigator, Columbia Center for Translational Immunolgy, New York, NY

01/2016-01/2022 Surgical Director of Pediatric Liver Transplantation, NYP-Columbia, New York, NY

01/2017-01/2022 Surgical Director of Living Donor Liver Transplantation, NYP-Columbia, New York, NY

# Awards, Honors, and Memberships in Honorary Societies

Internal

1998 Harvard University, John Harvard Scholarship

1998 Harvard University, Harvard College Scholarship

2003 University of Missouri-Columbia, Marion DeWeese Award for Excellence in General Surgery

2003 University of Missouri-Columbia, Donald Silver Award for Excellence in Vascular Surgery

2009 Columbia University Medical Center, Blakemore Award for Surgical Research

2010 Columbia University Medical Center, Administrative Chief Resident in General Surgery

2011 Columbia University Medical Center, Blakemore Prize for Surgical Research

2013 Columbia University Medical Center, Kenneth Forde Award for Research

2013 Columbia University Medical Center, Louis V. Gerstner Scholarship

### External

2003 Alpha Omega Alpha Member

2005 American Society of Transplantation/JDRF Research Fellowship Award

2007 NRSA Training Grant Fellowship

2007 International Xenotransplantation Association Travel Grant Award

2008 American Society of Transplantation Young Investigator Award

2015 American Association For the Study of Liver Disease Career Development Award

2018 American Society of Transplant Surgeons Faculty Development Grant

2019 Starzl Network for Excellence in Pediatric Transplantation Surgical Committee Co-Chair

2020 American Society of Transplant Surgeons Rising Star in Transplant Surgery

# Research Activity

## Research Activities

The two greatest limitations in transplantation are the lack of suitable organs for transplant and the need for transplant recipients to take life-long immunosuppression to prevent rejection. My research seeks to overcome both barriers to reach the optimal state of eliminating transplant wait-list death and increasing quality-of-life and survival post-transplant. I utilize translational animal models to study xenotransplantation of pig organs and the induction of immune tolerance following xenogeneic and allogeneic organ transplants. I have recently expanded these studies to the human decedant model (transplanting organs to deceased patients that cannot donate organs but permit their body to be used for science) to understand the specific human-anti-pig responses as a critical and final step to clinical translation of xenotransplantation.

## Grant History

### Grants and Clinical Trials

*Current*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Funding Agency | Role | Effort% | Project Title | NCE | Award Type | Grant # | Project ID | Project Start Date | Project End Date | Annual Project DirectCosts | Annual Project IndirectCosts | Annual Project TotalCosts | Total Project DirectCosts | Total Project Indirect Costs | Total Project Costs |
| NIH | Co-I | 8% | A Tolerance Approach to Xenotransplantation | N | P01 | AI045897 |  | 8/1/21 | 7/31/26 | 354,799 | 219,975 | 574,774 | 1,773,995 | 1,099,875 | 2,873,870 |
| Regeneron | PI | 10% | iPET imaging of CD8 T cells in cardiac transplantation | N | Spons. Project |  |  | 4/14/20 | 2/2/24 | 595,822 | 369,409 | 965,321 | 595,822 | 369,409 | 965,321 |
| NIH | Co-PI | 17% | Paneth cells-derived IL17A and liver ischemia reperfusion injury | N | R01 | DK1299252 |  | 07/01/21 | 06/30/26 | 424,164 | 262,982 | 687,146 | 1,696,656 | 1,051,928 | 2,748,584 |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NIH | Project-PI | 16% | Regulatory T cells to promote mixed chimerism for tolerance to islets and kidneys from deceased and living donors | Y | U19 | AI131474 |  | 8/8/17 | 7/31/24 (NCE) | 477,201 | 286,384 | 763,585 | 2,863,206 | 171,8304 | 4,581,510 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Pending*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Funding Agency | Role | Effort% | Project Title | NCE | Award Type | Grant # | Project ID | Project Start Date | Project End Date | Annual Project DirectCosts | Annual Project IndirectCosts | Annual Project TotalCosts | Total Project DirectCosts | Total Project IndirectCosts | Total Project Costs |
| NIH | Co-PI | 15 | Preclinical Studies of Living and Deceased Donor Liver Allograft Tolerance | N | R01 | Xx |  | 9/1/23 | 8/31/28 | 649,789 | 419,120 | 1,068,918 | 3,248,945 | 2,095,600 | 5,344,590 |
| NIH | Co-I | 5 | Recovery of Rejected Human Lungs on Xenogeneic Cross-Circulation with Allogeneic Re-Exposure | N | R01 | Xx |  | 09/01/23 | 08/31/23 | 510,255 | 365,736 | 875,992 | 2,551,275 | 1,828,680 | 4,379,955 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

*Past*

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Funding Agency | Role | Effort% | Project Title | NCE | Award Type | Grant # | Project ID | Project Start Date | Project End Date | Annual Project DirectCosts | Annual Project IndirectCosts | Annual Project TotalCosts | Total Project DirectCosts | Total Project Indirect Costs | Total Project Costs |
| Columbia | PI | 3% | Defining the Role of Donor-Reactive T cells in Liver Tolerance | N | Nelson Foundation |  |  | 9/1/20 | 08/30/22 | 50,000 | 0 | 50,000 | 100,000 | 0 | 100,000 |
| NIH | PI | 7% | Amanitin-CD5 mAb conjugate to deplete host peripheral T cells and thymocytes and induce durable chimerism with tolerance in nonhuman primates | N | U19 | AI131474 |  | 08/01/21 | 07/31/22 | 171,974 | 106,624 | 278,598 | 171,974 | 106,624 | 278,598 |
| NIH | PI | 18% | Immune response and tolerance to liver transplants in NHP | Y | R56 | AI150873 |  | 09/01/20 | 08/30/22 | 550,649 | 310,746 | 861,395 | 550,649 | 310,746 | 861,395 |
| NIH | Co-I | 4% | Development of lung T cell responses in infant respiratory immunity | N | U01 | 5U01AI100119 |  | 8/1/17 | 7/31/22 | 358,581 | 212,499 | 571,080 | 1,792,905 | 1,062,495 | 2,855,400 |
| NIH | Co-I | 8% | A Tolerance Approach to Xenotransplantation | N | P01 | 5P01AI045897 |  | 8/17/17 | 7/31/21 | 228,151 | 136,891 | 365,042 | 1,140,755 | 684,455 | 1,825,210 |
| Regeneron | PI | 2% | iPET imaging of CD8 T cells in Cynomolgus Maccaques | N | Spons |  |  | 4/14/19 | 3/31/21 | 310,338 | 186,203 | 496,540 | 310,338 | 186,203 | 496,540 |
| NIH | PI | 5% | Simultaneous Kidney and Bone Marrow Transplantation in Rhesus Macaques for Renal Tolerance | N | U19 | AI133474 |  | 8/1/18 | 7/30/19 | 183,561 | 113,808 | 297,369 | 183,561 | 113,808 | 297,369 |
| NIH | Co-I | 8% | Robust allograft tolerance in nonhuman primates | N | R01 | OD017949 |  | 7/1/15 | 6/30/20 | 489,977 | 299,998 | 789,995 | 2,449,885 | 1,499,990 | 3,949,975 |
| American Society of Transplant Surgeons | PI | 4% | Mechanisms of Liver Transplant Tolerance and Alloreactivity in a Translational Model | N | Faculty Development Award |  |  | 8/1/18 | 7/30/20 | 50,000 | 0 | 50,000 | 100,000 | 0 | 100,000 |
| United Therapeutics | PI | 10% | Collaboration on Xenograft Lung Tolerance | N | Spons |  |  | 8/1/15 | 1/31/19 | 1,014,197 | 0 | 1,014,197 | 4,056,788 | 0 | 4,056,788 |
| NIH | Co-I | 4% | Human anti-viral immune responses in tissues and circulation | N | U19 | AI128949 |  | 1/1/17 | 12/31/18 | 158,918 | 95,351 | 254,269 | 794,590 | 476,755 | 1,271,345 |
| DOD | Co-I | 3% | Establishment of donor chimerism using allogeneic bone marrow and AMP cell co-infusion | N | MR | 141045 |  | 9/1/15 | 8/31/17 |  |  | 600,000 |  |  | 1,200,000 |
| JDRF | Co-I | 3% | Improving engraftment and survival of pig islet xenografts through transgenic expression of human CD47 | N | Pilot JDRF |  |  | 3/1/17 | 2/28/18 | 318,182 | 0 | 318,182 | 318,182 | 0 | 318,182 |
| NIH | Co-I | 4% | Tolerance to Vascularized Allografts in Miniswine | N | R56 | AI031046 |  | 2/8/17 | 1/31/18 | 481,026 | 251,574 | 732,600 | 481,026 | 251,574 | 732,600 |
| NIH | Co-I | 5% | Immune response to combined liver and bone marrow transplant for tolerance in NHP | N | R56 | R56AI122332 |  | 8/19/16 | 7/31/17 | 200,000 | 120,000 | 320,000 | 200,000 | 120,000 | 320,000 |
| Columbia  | PI | 1% | Combined liver and bone marrow transplantation for the induction of tolerance to liver allografts | N | Clinical Trials Pilot |  |  | 7/1/14 | 6/30/15 | 50000 | 0 | 50000 | 50000 | 0 | 50000 |
| NIH | Co-I | 10% | A Tolerance Approach to Xenotransplantation | N | P01 | AI045897 |  | 7/15/11 | 6/30/16 | 354,799 | 219,975 | 574,774 | 1,773,995 | 1,099,875 | 2,873,870 |
| NIH | Co-I | 10% | Tolerance to Vascularized Allografts in Miniswine | N | R37 | AI031046 |  | 6/1/11 | 5/31/16 | 477,883 | 286,730 | 764,613 | 2,389,415 | 1,433,650 | 3,823,065 |
| American Association for the Study of Liver Disease | PI | 8% | Inhibition/Depletion of Memory T cells to Induce Liver Transplant Tolerance | N | Career Development Award |  |  | 7/1/15 | 6/30/17 | 90,000 | 0 | 90,000 | 90,000 | 0 | 90,000 |
| Columbia | PI | 33% | Expansion of regulatory T cells to induce mixed chimerism in a translational xenotransplantation model | N | Louis V. Gerstner Scholarship |  |  | 7/1/13 | 6/30/16 | 60,000 | 0 | 60,000 | 180,000 | 0 | 180,000 |

# Clinical Activity

As the Surgical Director of Pediatiric and Living Donor Liver Transplantation, I have focused on improving access to transplants for wait-listed patients. I was part of the team that developed laparoscopic liver donation to minimize donor morbidity and recovery time to facilitate living donation. I have also promoted split liver transplantation to improve access to transplants for pediatric patients. I have published original articles, review articles, invited commentaries and spoken at national and international meetings on these topics. I was also selected as the Rising Star in Transplantation Surgery by the American Society of Transplant Surgeons in recognition of my clinical and research contributions to transplantation.

# Education Activity

I have mentored clinical transplant fellows and postdoctoral research fellows and students during my career. My clinical fellows have gone on to lead nationally-recognized transplant programs. My postdoctoral research fellows have won several career development or travel grant awards for their presnetations at national and international conferences. They have also successfully competed for funding from national transplant societies while in my lab and from the NIH for training during their PhD studies.

### **Teaching Activities** (These can include: teaching to students/house staff, courses or lectures to medical students, residents, or graduate students)

2014 Columbia University Bioethics K4305 “Transplant Surgery/Medicine”

2015 Columbia University College of Physicians and Surgeons Medical School lecture “Hepatic Physiology”

2015 Columbia University Bioethics K4305 “Transplant Surgery/Medicine”

2016 Columbia University Bioethics K4305 “Transplant Surgery/Medicine Parts 1 and 2”

2017 Columbia University Bioethics K4305 “Transplant Surgery/Medicine Parts 1 and 2”

2019 Columbia University Bioethics K4305 “Transplant Surgery/Medicine Parts 1 and 2”

**Invited Talks and Teaching of Peers**

Internal

Sponsored by NYU Langone Health

2022 NYU Hepatology Rounds “Recent Innovations in Pediatric Liver Transplantation”

2022 NYU Pediatric Gastroenterology Rounds “Pediatric Liver Transplantation”

2022 NYU Department of Pediatrics Grand Rounds “Recent Innovations in Pediatric Liver Transplantation”

2022 NYU Department of Medicine Grand Rounds “Living Donor Liver Transplant: State of the Art”

### External to NYU Langone Health and all other NYU schools

2014 Cornell University Hepatology Grand Rounds “Pediatric Liver Transplantation”

2015 Columbia University Pediatric Grand Rounds “Xenotransplantation”

2015 American Transplant Congress “Challenges in Pediatric Transplantation”

2015 The Liver Meeting of the American Association for the Study of Liver Diseases “Defining & Disrupting Important Pathways” invited lecture

2015 Chair of the Liver Meeting of the American Association for the Study of Liver Diseases “Immunology of Liver Transplantation” session

2015 Columbia University GME course on Transplantation “Do allogeneic and xenogeneic tolerance have a chance”

2016 Columbia University College of Physicians and Surgeons Medical School lecture “Hepatic Physiology”

2017 Induction of mixed chimerism to prolong liver allograft survival in cynomolgus monkeys – Cited in the What’s Hot, What’s New session at the American Transplant Congress

2017 International Living Donor Liver Transplantation Conference, “Left Hepatectomy for Living Donation”

2018 UCLA Liver Grand Rounds “Liver Transplant Tolerance: Lessons from a Translational Model”

2018 Emory University Grand Rounds “Mixed Chimerism for Liver Transplant Tolerance: Friend or Foe”

2018 UNOS Transplant Management Forum, “Xenotransplantation”

2019 Hackensack Hospital Grand Rounds, “Transplantation Tolerance and Xenotransplantation”

2019 Columbia University National Pediatric Liver Disease and Transplantation Symposium “Laparoscopic Living Donor Hepatectomy”

2020 American Society of Transplant Surgeons Winter meeting “Technical Challenges in Living Donation: Multiple Bile Ducts in a Living Donor"

2020 Columbia University Department of Anesthesia Grand Rounds “Liver Transplant Tolerance in a Translational Model: Overcoming Inflammation and Immune Memory"

2020 The Liver Meeting, American Association for the Study of Liver Diseases, “Expanding the Donor Pool – How Far Should We Go?”

2020 Columbia University Bioethics K4305 “Transplant Surgery/Medicine Parts 1 and 2”

2021 Columbia University National Pediatric Liver Disease and Transplantation Symposium “Technical Aspects of Split and Living Donor Liver Transplant”

2021 The Alliance (for Organ Donation) “Minimally Invasive Pediatric Living Donor Liver Transplant”

2021 Organ Procurement and Transplant Network: Pediatric Liver Learning Congress “Split First For Kids”

2021 University of Cincinnati Grand Rounds “Liver Transplant Immune Tolerance: Insights from Translational Models”

2021 AST 2021 Living Donor Liver Transplant Consensus Conference “Considerations and Strategies to Expand Donor/Recipient Matching for Pediatric Recipients”

2021 Rutgers Medical School Grand Rounds “State of Pediatric Liver Transplantation”

2022 American Liver Foundation “Trends In Liver Transplantation: Minimally-Invasive Liver Donation and Xenotransplantation”

2022 5th International Workshop on Immune Tolerance, “Liver Tolerance Trials in Monkeys”

2022 American Transplant Congress “Expansion of LDLT for Pediatric Recipients”

2022 American Transplant Congress Moderator “Immunosuppression and Tolerance: Preclinical and Translational Studies”

2022 American Society of Transplant Surgeons Winter Symposium “Split Liver Transplantation”

2022 TransplantLyfe Webinar “Innovation in Transplantation: Xenografts”

2022 Society for Pediatric Liver Transplantation Annual Meeting “Training Pediatric Transplant Surgeons” Pannel Discussion

2022 Roche China Lecture “Xenotransplantation Studies in Recently Deceased Humans” Webinar attended by 10,000 viewers

2022 TransplantLyfe Webinar “Innovation in Transplantation: Immune Tolerance”

2023 American Transplant Congress “Liver: Surgery Innovative Techniques”

2023 American Transplant Congress “Implementation of Human Clinical Trials for Xenotransplantation”

2023 Society for Pediatric Liver Transplantation “Surgical Techniques”

2023 International Xenotransplantation Association “Xenochimerism for Tolerance”

### **Mentoring and Advising**

Predoctoral students supervised and/or mentored

Laboratory Technicians

2015-2017 Sigal Kofman\* PhD candidate at University of Washington

2015-2017 Makenzie Danton\* Regeneron

2016-2019 Genevieve Pierre\* Masters Candidate at Tulane University

2017-2019 Emily Lopes\* PhD candidate at UMass Amherst

2019-current Ben Piegeri Active

2022-current Suzi Qudis Active

Students

2016 William Widmann Cornell University

2017 Samuel Gavzy\* UMDNJ School of Medicine, U of Maryland Surgical Residency

2018 Isao Anzai Columbia University College of Physicians and Surgeons

### Postdoctoral students supervised and/or mentored

Research Fellows (PhD candidates and Post-Doctoral)

2013-2015 Josh Weiner, MD\* Attending at Columbia University Irving Medical Center

2014-2016 Sulemon Chaudhry, MD\* Attending at Cleveland Clinic

2015-2019 Paula Alonso-Guallart, DVM\* Awarded PhD, Industry.

2015-2017 Jeffery Stern, MD\* Attending Transplant Surgeon at New York University

2016-2018 Karl Erik Berglund, MD\* CEO and Founder of ITBMed Biopharmaceuticals

2017-2019 Nathaly Llore, MD\* Transplant Fellow at Columbia University Irving Medical Center

2018-2022 Hiroshi Sakai, MD\* Clinical Surgeon/Scientist in Japan

2018-2020 Karina Brustle, MD\* Surgical Resident at Columbia University Irving Medical Center

2019-2021 Fanny Fredriksson, MD\* Industry

2020-2022 Erin Duggan, MD\* Surgical Resident at Columbia University Irving Medical Center

2022-current Daniel Wolbrom, MD\* Current

2022-current Jaqueline Kim, MD\* Current

### Faculty mentored

Surgical Fellows in Transplantation

2013-2014 Ronald Parsons, MD\* Attending at Emory University, Department of Surgery

2013-2014 Jay Graham, MD\* Attending at Montefiore Medical Center, Dept. of Surgery

2013-2015 Soo Yi, MD Attending at Georgetown University, Dept. of Surgery

2013-2015 Christine Du, MD Attending at Lehigh Valley Health Network, Dept. of Surgery

2014-2016 Abishek Mathur, MD\* Attending at Columbia University, Department of Surgery

2014-2016 Tarunjeet Klair, MD\* Attending at UT-San Antonio, Department of Surgery

2015-2017 Vanessa Cowan, MD Attending at Beth-Israel Deaconess Boston, Dept. of Surgery

2015-2017 Minh-Tri Nguyen, MD Attending at Loma Linda University, Department of Surgery

2016-2018 Cutler Quillin III, MD\* Attending at University of Cincinnati, Dept. of Surgery

2016-2018 Advaith Bongu, MD\* Attending at Robert Wood Johnson, Dept. of Surgery

2017-2019 Zhixa Rong, MD Attending at Centre Hospitalier del Université de Montréal

2018-2019 Eve Simenou, MD Attending at Centre Hospitalier del Université de Montréal

2018-2020 Francis Bauldrick-Hernandez Attending at Puerto Rico

2018-2020 Sidharth Sharma, MD Attending at Cleveland Clinic, Florida

2019-2021 Sulemon Chaudhry, MD\* Attending at the Cleveland Clinic, Cleveland OH

2019-2021 Dustin Carpenter, MD\* Attending at Cornell University, Department of Surgery

2020-2022 Peter Liou, MD\* Attending at Columbia University, Department of Surgery

2020-2022 Grace Lee-Riddle, MD Attending at UMDNJ Rutgers, Department of Surgery

2021-2023 Nathaly Llore, MD\* Attending at Columbia University, Department of Surgery

2021-2023 Jon Merola, MD Attending at University of Cincinnati

2021-2022 Jeff Stern, MD\* Attending at NYU Langone, Transplant Institute

2021-2023 Ryan Robalino, MD Attending at NYU Langone, Transplant Institute

2022-2024 JR Montgomery, MD Current

Awards for Mentorship

2017 ASTS Presidential Student Mentor Grant (Sam Gavzy/Griesemer)

2018 AASLD Emerging Liver Scholar (Nathaly Llore/Griesemer)

2018 NIH T35 National Research Service Award (Isao Anzai/Griesemer)

2019 AASLD Early Career Investigator Award in Clinical/Translational Science (Sakai/Griesemer)

2020 Community of Transplant Scientists Travel Grant for 2021 American Transplant Congress (Bruestle/Griesemer)

# Institutional, Local/National Service and Related Activity

## Institutional Service

2022- DPAC Committee member, Department of Surgery

2022- Academic System Leadership Member, Transplant Institute Representative

2022- Surgical Triad Lead, KP5 OR

2022- Clinical Ancillary Services Committee

2022- Children’s Surgery Performance and Safety Committee

## Professional Service

### Professional Service for Professional Organizations

2007- Member, International Xenotransplantation Association

2007- Member, The Transplantation Society

2010- Member, American Society of Transplant Surgeons

2013- Member, American Association for the Study of Liver Diseases

2013- Member, American Society of Transplantation

2018- Member, The Starzl Network for Excellence in Pediatric Transplantation

2020- Member, Society of Pediatric Liver Transplantation

2020- Member, International Pediatric Transplant Association

2021- Fellow, American College of Surgeons

2022- Exectuive Council Member, Society of Pediatric Liver Trasnplantation

2022- Member, AASLD Standards Committee for Liver Transplantation Evaluation in Pediatric Patients

### Peer Review Groups, Grant Application Review Groups, and Study Sections

2017 Member, Research Councils, UK

2017-19 Member, American Society of Transplant Surgeons Grant Review

2019 Member, DOD Peer Reviewed Medical Research Program FP-Intestinal Transplant panel

2022 Member, NIH NIAID Scientific Review Group Study Section TTT (June Review)

2022 Member, NIH NIAID Special Emphasis Panel (SEP ZAI-VSR-S3)

2022 Member, NIH NIAID Scientific Review Group Study Section TTT (November Review)

2022 Member, NIH NIAID Special Emphasis Panel (SEP R34/U01 IICT Review)

2023 Member, NIH NIAID Scientific Review Group Study Section TTT (March Review)

### Advisory Boards and Consultant Positions

2021-2022 DSMB member, NCT04804891

### Editorial and Journal Positions

**Editorial:**

Current Transplantation Reports. Section Editor, Xenotransplantation

**Ad Hoc Journal Reviewer:**

Nature

Nature Communications

Science Advances

Science Translational Medicine

Hepatology

The Journal of Hepatology

Annals of Surgery

American Journal of Transplantation

Cell Reports Medicine

Journal of the American College of Surgeons

Transplantation

Liver Transplantation

Pediatric Surgery Case Reports

Pediatric Transplantation

Xenotransplantation

Surgery

Transplantation Reviews

Transplantation Direct

## Military Service

NA

# Bibliography

**Publications**

### Peer-reviewed Publications

1. Nader Moazami, MD1; Jeffrey M. Stern, MD2; Karen Khalil, PharmD, BCTXP2; Jacqueline I. Kim, MD2; Navneet Narula, MD3; Massimo Mangiola, PhD2; Elaina P. Weldon, MSN, ACNP-BC2; Larisa Kagermazova, BA4; Les James, MD, MPH1; Nikki Lawson, BSN, RN2; Greta L. Piper, MD5; Philip M. Sommer, MD6; Alex Reyentovich, MD7; Daniel Bamira, MD7; Tajinderpal Saraon, MD7; Bernard S. Kadosh, MD7; Michael DiVita, MD7; Randal I. Goldberg, MD7; Syed T. Hussain, MD1; Justin Chan, MD, MPhil1; Jennie Ngai, MD6; Thomas Jan, MD, MPH6; Nicole M. Ali, MD2; Vasishta S. Tatapudi, MD2; Dorry L. Segev, MD, PhD8,9; Shivani Bisen, BA10; Ian S. Jaffe, BS10; Benjamin Piegari, BA11; Haley Kowalski, BS10; Maria Kokkinaki, PhD12; Jeffrey Monahan, MS12; Lori Sorrells, MS12; Lars Burdorf, MD, PhD12; Jef D. Boeke, PhD, DSc4,13; Harvey Pass, MD1; Chandra Goparaju, PhD1; Brendan Keating, PhD14; David Ayares, PhD12; Marc Lorber, MD15; Adam Griesemer, MD2 Sapna A. Mehta, MD2; Deane E. Smith, MD1; Robert A. Montgomery, MD, DPhil2 Results of Two Cases of Pig-to-Human Heart Xenotransplantation. *Nature Medicine* Accepted 2023
2. Alexandre Loupy (MD, PhD)1,2\*, Valentin Goutaudier (MD, MSc)1,2\*, Alessia Giarraputo (PhD)1,3\*, Fariza Mezine (MSc)1, Erwan Morgand (PhD)1, Blaise Robin (MSc)1, Karen Khalil (PharmD)4,5, Sapna Mehta (MD)4,6, Brendan Keating (PhD)7, Amy Dandro (MSc)8, Anaïs Certain (MSc)1, Pierre-Louis Tharaux (MD, PhD)9, Navneet Narula (MD)4,10, Renaud Tissier (DVM, PhD)11, Sébastien Giraud (PhD)12, Thierry Hauet (MD, PhD)12, Harvey I. Pass (MD)4,13,14, Aurélie Sannier (MD, PhD)1,15, Ming Wu (MD)4,10, Adam Griesemer (MD)4,14, David Ayares (PhD)8, Vasishta Tatapudi (MD)4,6, Jeffrey Stern (MD)4,14, Carmen Lefaucheur (MD, PhD) 1,16, Patrick Bruneval (MD)1,17,Massimo Mangiola (PhD)4,10, Robert A. Montgomery (MD, PhD)4,14 Antibody-Mediated Rejection of Pig-to-Human Kidney Xenografts. *Lancet*. Accepted 2023
3. Mazariegos, George V.; Perito, Emily R.; Squires, James E.; Soltys, Kyle A.; Griesemer, Adam D.; Taylor, Sarah A.; Pahl, Eric. Center use of technical variant grafts varies widely and impacts pediatric liver transplant waitlist and recipient outcomes in the United States. *Liver Transplantation*. February 7, 2023. PMID: 36752272
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