

M Northwestern Medicine®
Feinberg School of Medicine

NORTHWESTERN UNIVERSITY COMPREHENSIVE TRANSPLANT CENTER



WTC 2025

World Transplant Congress

San Francisco, USA | August 2-6

AST | AMERICAN SOCIETY OF
TRANSPLANTATION



Invited Presentations

Sunday, August 3rd

Anat Tambur, DMD, PhD, D[ABHI]

Con | 7:30AM – 8:00AM

IVS001 Eplet Matching: Hype or the Way to the Transplant Lasting a Lifetime – A Debate

Room 11, Full Session 7:00AM – 8:00AM

Jesse Davidson, MD, MSCI

Advances in Robotic Kidney Transplantation: The Donor | 8:45AM - 9:00AM

IVS018 Role of Robotics in Transplantation: Are We Ready for Prime Time?

Room 21, Full Session 8:15AM – 9:30AM

Dempsey Hughes, MD

Living Donor Protection Act | 8:15AM - 8:30AM

IVS020 Making It Easier: Removing Disincentives and Barriers from Live Donation

Room 155, Full Session 8:15AM – 9:30AM

Monday, August 4th

Joseph Leventhal, MD, PhD

Update of Ongoing Clinical Trials in Tolerance | 2:15PM - 2:30PM

IVS054 Clinical Tolerance – News and Updates on Ongoing Trials

Room 155, Full Session 2:15PM – 3:30PM

Tuesday, August 5th

Erin Grace Kinsella, MPAS, PA-C

APP-Led Robotics: APPs in Robotic and Minimally Invasive Donor Surgery | 8:15AM - 8:30AM

IVS081 Advanced Practice Providers on the Cutting Edge: Expanding Roles in Surgery and Transplant Research

Room 21, Full Session 8:15AM – 9:30AM

Wednesday, August 6th

Carl Atkinson, PhD

Therapeutic Targeting of Complement in Heart and Lung Transplantation | 9:00AM - 9:15AM

IVS109 The Complement System in Transplantation: Broad Consequences and Novel Treatments

Room 9, Full Session 8:15AM – 9:30AM

John Friedewald, MD

Biomarker Driven Follow-Up | 8:35AM - 8:45AM

IVS112 Managing an Increasing and Increasingly Complex Patient Population

Room 23, Full Session 8:15AM – 9:30AM

Dempsey Hughes, MD

Panelist

PL04 Closing Plenary: Reflection, Revelations, and the Road Ahead

SFO Ballroom, Full Session 11:30AM – 12:30PM

Moderators

Hazel Domingo, MS, PA-C

WS02 Allied Health Professionals Around the World (Ticketed Session)

Saturday, August 2, 2025 at 1:00 PM, Room 9

IVS027 Empowering Care Teams: Allied Health-Led Multidisciplinary Clinics for Transplant Patients

Sunday, August 3, 2025 at 2:15 PM, Room 10

James Mathew, PhD

IVS054 Clinical Tolerance - News and Updates on Ongoing Trials

Monday, August 4, 2025 at 2:15 PM, Room 155

Anat Tambur, DMD, PhD, D[ABHI]

OA16 Advances in HLA Research

Monday, August 4, 2025 at 8:15 AM, Room 11

OA19 Basic Mechanisms of Rejection

Monday August 4, 2025 at 04:30 PM, Room 12

IVS100 Updates from STAR

Tuesday August 5, 2025 at 2:15PM, Room 9

Aleksandar Senev, MD, PhD, F(EBTI), F(ACHI)

OA23 Kidney Novel Immune Risk Assessment and Monitoring

Monday, August 4, 2025 at 4:30 PM, Room 8

Zheng Jenny Zhang, MD, MSc

IVS109 The Complement System in Transplantation: Broad Consequences and Novel Treatments

Wednesday, August 6, 2025 at 8:15 AM, Room 9

Grants and Awards

Congratulations to [Connor Lantz, PhD](#) for receiving the **2025 AST Fellowship Research Grant** for his project ***“Decoding Inflammation-Driven Epigenetic Mechanisms Regulating HLA Expression in Glomerular Endothelial Cells.”*** The purpose of these grants is to foster the training of early career investigators who have the potential to contribute to transplant science/immunobiology and/or treatment of transplant recipients. The grants encourage continued commitment of high-quality applicants to their careers in transplantation.

*Recognition for this award will take place during the **AST Presidential Address & Society Awards Ceremony** scheduled for **Sunday, August 3, 2025 at 11:30AM in the SFO Ballroom.***

Congratulations to [Satish Nadiq, MD, PhD, Carl Atkinson, PhD, and Dinesh Jaishankar, PhD](#) for receiving the **2025 ASTS-TransMedics Faculty Perfusion Grant** for their proposal ***“Liver Regeneration using Normothermic Machine Perfusion: new perspectives on old problems.”*** This grant was established to provide qualified ASTS investigators with dedicated research funding in machine perfusion.

*Recognition for this award will take place during the **ASTS Presidential Address & Society Awards Ceremony** scheduled for **Monday, August 4, 2025 at 11:30AM in the SFO Ballroom.***

Oral Abstracts

Early Experience with AWAKE Kidney Transplantation. V. Rohan, V Garcia Thomas, R. Arora, A. Agrawal, S.N. Nadig.

*5:26 PM-5:33 PM | OA07 Kidney: Surgical Innovation and Organ Assessment; Room 155
Sunday, August 3, 2025*

Dissecting HLA-DQ Immunogenicity: Validating the Impact of HLA-DQ α 05 Heterodimer and HLA-DQ Evolutionary Divergent Mismatches in Kidney Transplant Recipients with Two Mismatches yet One Donor-Specific Antibody. D. van den Broek, A. Agrawal, M. Crespo, D. Van Der Helm, M. Emonds, M. Meneghini, M. Naesens, E. Palou, D. Redondo, D. Roelen, A. Senev, A. de Vries, A. Tambur.

*8:35 AM-8:42 AM | OA16 Advances in HLA Research; Room 11
Monday, August 4, 2025*

Modulating Crosstalk Between Macrophages and Renal Tubular Epithelial Cells Improves Kidney Transplant Outcome. J. Cai, X. Zheng, Y. Guo, W. Yuen, J. Wang, L. VanOsdol, Z. Xing, Z. J. Zhang.

*5:08 PM-5:15 PM | OA19 Basic Mechanisms of Rejection; Room 12
Monday, August 4, 2025*

The Effect of United States Citizenship Status on Black Deceased Donor Kidney Transplant Outcomes.

K. Atiemo, E. F. Oguntuwase, D. Ladner.

*5:26 PM-5:33 PM | OA26 Kidney Rejection; Room 25
Monday, August 4, 2025*

Myd88-Areg Axis in Regulating Host Responses to Vascularized Composite Allotransplantation. Y.

Guo, J. Cai, W. Yuen, S. Han, J. Wang, L. VanOsdol, Z. Zhang.

*8:17 AM-8:24 AM | OA30 VCA; Room 9
Tuesday, August 5, 2025*

Using Torque Teno Virus as a Serial Monitoring Tool Representing the Net State of

Immunosuppression for Kidney Recipients. A. Singla, K. Chen, C. Lantz, L. Zhao, R. Sinha, S. Park, S. Kleiboeker, Z. Zhu, J. Friedewald, S. Mehrotra.

*2:44 PM-2:51 PM | OA33 Kidney Biomarkers, Imaging, and Engineering; Room 12
Tuesday, August 5, 2025*

A Multiclass Machine Learning Model with Allospecific B-Cells and T-Cells Predicts Antibody- and T-Cell-Mediated Rejection (ABMR, TCMR) After Kidney Transplantation (KT). B. Nibhanupudy, G. Gupta, B. W. Higgs, B. Spishock, C. Ashokkumar, R. Sindhi, A. Zeevi, V. Rohan.

*2:53 PM-3:00 PM | OA33 Kidney Biomarkers, Imaging, and Engineering; Room 12
Tuesday, August 5, 2025*

Bridging the Gap: A Comprehensive Summer Student Immersion Program in Transplantation.

S. Hussain, A. Virgen Garcia, T. Banea, O. Dentici, K. Crylen, S. Nadig, D. Ladner.

*4:59 PM-5:06 PM | OA46 Education; Room 22
Tuesday, August 5, 2025*

Single Center Phase 2 and 3 Experience with Tolerance Induction in Living Donor Renal Transplant

Recipients. J. Leventhal, J. Mehta, A. Agrawal, J. Mathew, A. Tambur, L. Gallon, S. Ildstad.

10:56 AM-11:03 AM | OA53 *Advancing Organ Tolerance: Mechanisms, Strategies, and Clinical Frontiers*; Room 10

Wednesday, August 6, 2025

CD8-Driven Cleavage of MerTK Rewires Macrophage Metabolism to Accelerate Cardiac Allograft

Vasculopathy. S. Shah, A. Ananthakrishnan, M. DeBerge, K. Grinton, E. Thorp, C. Lantz.

10:47 AM-10:54 AM | OA54 *What's New in Chronic Organ Rejection*; Room 12

Wednesday, August 6, 2025

Examining the Patient Experience of a Novel African American Transplant Access Program: A

Qualitative Study. J. E. Obayemi, A. Fonteh, H. Reddy, M. Byrnes, S. Alexandria, K. Kershaw, D. Ladner, D. Simpson, M. W. Lewis.

10:02 AM-10:09 AM | OA58 *Kidney, Psychosocial, Equity, and Access*; Room 23

Wednesday, August 6, 2025

Cost-Effective Diagnostic Testing Models Using Four Kidney Rejection Biomarkers. A. Singla, K. Chen, C. Lantz, L. Zhao, R. Sinha, S. Park, S. Kleiboeker, Z. Zhu, J. Friedewald, S. Mehrotra.

10:20 AM-10:27 AM | OA59 *Kidney: Hot Topics 2*; Room 21

Wednesday, August 6, 2025

Late-Breaking Oral Abstracts

Third-Party Haploidentical Bone Marrow Transplantation for the Induction of Transplant Tolerance. H.

Xu, J. He, S. Jeyamogan, Z. Zhang, J. Mathew, J. Leventhal, E. Fuchs.

4:39 PM-4:46 PM | LOA03 *Basic Science Advances in Transplantation: From T Cells to Tolerance*; Room 20

Monday, August 4, 2025

JAK/STAT Pathway Inhibition Facilitates Mixed Chimerism with Reduced Conditioning for Allograft

Tolerance. H. Xu, J. M. Mathew, J. R. Leventhal, S. T. Ildstad.

4:39 PM-4:46 PM | LOA03 *Basic Science Advances in Transplantation: From T Cells to Tolerance*; Room 20

Monday, August 4, 2025

Health-Related Quality of Life Improves Rapidly after Liver Transplantation - Findings from the PRO-LT

Study. J. Kasperek, M. Callegari, K. Chen, J. Peipert, D. Ladner, Z. Dietch.

9:09 AM-9:16 AM | LOA06 *Liver Transplantation: New Techniques, Immunosuppression Strategies and Patient Outcomes*; Room 11

Tuesday, August 5, 2025

Innate Allorecognition: SIRPA Locus Mismatches Between the Donor and Recipient are Associated with Kidney Allograft Survival. A. Senev, A. Tambur, D. Zhao, F. Lakkis, A. Cherukuri.

9:00 AM-9:07 AM | LOA07 *Allocation, Selection, and Outcomes*; Room 25

Tuesday, August 5, 2025

PIRCHE, DRTC and CTLp Are Directly Correlated with HLA Mismatch and May Be Predictive of Rejection in Kidney Transplant Patients. S. Jeyamogan, J. Sanders, J. He, M. Niemann, H. Xu, J. R.

Leventhal, J. M. Mathew.

9:00 AM-9:07 AM | LOA07 *Allocation, Selection, and Outcomes*; Room 25

Tuesday, August 5, 2025

Double Lung Transplantation in Patients with Advanced Bilateral Lung-Limited Non-Small Cell Lung Carcinoma. Y. K. Chae, C. Kurihara, T. Demir, L.-Y. Chung, W. Woo, C. Moloney, B. Sanson, D. Rose, C. M. Jung, M. S. Ronald, B. Ankit.

10:36 AM-10:43 AM | LOA08 Past Meets Future: Redefining the Limits of Transplantation; Room 4

Wednesday, August 6, 2025

Rapid Fire Oral Abstracts

Liver Transplant Using the RAPID Technique in a Patient with Colorectal Liver Metastases. Z. C. Dietch, D. Borja-Cacho, M. Harris, V. Rohan, A. Kalyan, A. Duarte-Rojo, A. Borhani, J. Caicedo, S. N. Nadig.

7:37 AM-7:42 AM | RF10 Innovative Techniques in Liver Transplantation; Room 10

Wednesday, August 6, 2025

Balancing Spontaneous Recovery and Mortality: Evaluating Model Performance in Patients with ALD Referred for Early Liver Transplantation. B. J. Hasjim, N. Lim, K. Mohamed, A. Cheung, K. Wang, H. Shroff, K. Cooper, D. Devuni, K. Tesfai, V. Ajmera, A. J. Kwong.

7:07 AM-7:12 AM | RF11 Liver Allocation and Recipient Selection; Room 11

Wednesday, August 6, 2025

Association of Gene Expression Profile with 10-Year All Cause Graft Loss in a Multicenter Prospective Cohort. C. Marsh, S. Kurian, J. Fleming, L. Zhao, C. Rebello, J. Friedewald, S. Kleiboeker.

7:14 AM-7:19 AM | RF12 All Organs: Precision Medicine, Biomarkers, and Diagnostics; Room 23

Wednesday, August 6, 2025

Association of Dual Noninvasive Biomarkers with 10-Year All Cause Graft Loss in a Multicenter Prospective Cohort. E. Poggio, D. Taber, J. Fleming, L. Zhao, C. Rebello, J. Friedewald.

7:14 AM-7:19 AM | RF12 All Organs: Precision Medicine, Biomarkers, and Diagnostics; Room 23

Wednesday, August 6, 2025

Posters

Unconventional Pairing: Evidence for Functional HLA-DR α :DQ β Cross-Heterodimers in Antigen Presentation. C. Lantz, C. McMurtrey, G. Matias, J. Lockhart, J. Krawic, P. Crivello, K. Fleischhauer, A. Tambur.

P1.03 Basic Science | Exhibit Hall AB

Sunday, August 3, 2025 at 3:30 PM

A Rich-Club Network Approach to Identifying Key Proteins in Cirrhosis Progression. P. A. Barrios, I. Pla, P. Polineni, A. Sanchez, M. Caldwell, T. Banea, N. Kelleher, C. Atkinson, D. Ladner.

P1.03 Basic Science | Exhibit Hall AB

Sunday, August 3, 2025 at 3:30 PM

Association of Subclinical Kidney Transplant Rejection with 10-Year All Cause Graft Loss in a Multicenter Prospective Cohort. J. Fleming, L. Zhao, C. Rebello, M. Gebregziabher, J. Friedewald.

P1.07 Kidney | Exhibit Hall AB

Sunday, August 3, 2025 at 3:30 PM

Two-Stage Diagnostic Models for Kidney Rejection with Economic Framework. A. Singla, K. Chen, B. Robelly, C. Rebello, C. Lantz, L. Zhao, R. Sinha, S. Park, S. Kleiboeker, Z. Zhu, J. Friedewald, S. Mehrotra.
P1.07 Kidney | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Association of Donor-Derived Cell-Free DNA with 10-Year All Cause Graft Loss in a Multicenter Prospective Cohort. R. Heilman, J. Fleming, L. Zhao, C. Rebello, J. Friedewald.
P1.07 Kidney | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Using Urine Chemokines as a Personalised Serial Monitoring Tool for Kidney Rejection. A. Singla, K. Chen, B. Robelly, C. Rebello, C. Lantz, G. Hanna, L. Zhao, R. LaCombe, R. Sinha, S. Park, S. Kleiboeker, Z. Zhu, J. Friedewald, S. Mehrotra.
P1.07 Kidney | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Utility of Rejection Biomarker Tutivia in Managing Kidney Transplant Recipients at Risk of BK Nephropathy. M. Ansari, Z. Ilyas, F. Palacios, F. Mubin, S. Paudel, I. Tawhari, Z. Hajjiri, S. Akkina.
P1.07 Kidney | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Hospitalization Patterns and In-Hospital Resource Utilization in Liver Cirrhosis and Association with Socioeconomic Deprivation. P. Barrios Martinez, G. Peled, A. Jain, S. Hussain, O. Dentici, C. Manski, D. Ladner.
P1.08 Liver | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Double Lung Transplantation in Patients with Recent History of Malignancy. Y. K. Chae, T. Demir, L. Chung, W. Woo, C. Moloney, C. Jung, R. S. Min, R. S. Dwyer, A. Bharat.
P1.09 Lung | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

[Trial in Progress] DREAM Study: Double Lung Transplant Registry Aimed for Lung-Limited Malignancies - A Prospective Registry Study for Medically Refractory Cancers. Y. K. Chae, L.-Y. Chung, T. Demir, C. Moloney, B. Sanson, D. Rose, C. Jung, R. S. Min, A. Bharat.
P1.09 Lung | Exhibit Hall AB
Sunday, August 3, 2025 at 3:30 PM

Deciphering HLA-DQ Allo-Immunogenicity in Transplantation by Systematic Empirical and In-Silico Analysis. G. Matias, D. Austin, K. Franca, J. Lockhart, C. Lantz, C. Maguire, A. R. Tambur.
P2.03 Basic Science | Exhibit Hall AB
Monday, August 4, 2025 at 3:30 PM

Immunopeptidome Analysis Demonstrates the Complexity of HLA-DQ: Implications for T Cell Allo-Recognition. C. McMurtery, G. Matias, J. Lockhart, C. Lantz, J. Krawic, A. Tambur.
P2.03 Basic Science | Exhibit Hall AB
Monday, August 4, 2025 at 3:30 PM

Extracting Quality from Quantity: Hierarchical Clustering of HLA-DQ Molecules by Physio-Chemical Metrics Predicts Immunogenicity in a Large Multicenter Cohort. D. van den Broek, A. Agrawal, M. Crespo, D. Van Der Helm, M. Emonds, M. Meneghini, M. Naesens, E. Palou, D. Redondo, D. Roelen, A. Senev, A. De Vries, A. Tambur.

P2.03 Basic Science | Exhibit Hall AB

Monday, August 4, 2025 at 3:30 PM

Development of a Conceptual Model of BKV Impacts on Health-Related Quality of Life in Kidney Transplant Recipients. C. Hurt, M. Kuharic, S. Shaunfield, J. Beck, A. Bastian, K. Fowler, E. Jaeger, M. May, E. van den Berg, J. Friedewald, J. Peipert.

P2.07 Kidney | Exhibit Hall AB

Monday, August 4, 2025 at 3:30 PM

Treg Therapy to Minimize Immunosuppression (IS) in Living Donor Kidney Transplant (LDKTx). J. Leventhal, J. Mathew, F. Wu, W. Yen, S. Chang, Y. Chang, C. Yang, C. Stratton, D. Mann, S. Murray.

P2.07 Kidney | Exhibit Hall AB

Monday, August 4, 2025 at 3:30 PM

Development and Evaluation of a Culturally Targeted Counseling Training Program on APOL1 and Living Donation. J. Gacki-Smith, A. Agrawal, C. Wicklund, D. Duquette, C. Yancy, J. Friedewald, L. Muhammad, S. Dong, A. Gilbert, M. Cooper, E. Gordon.

P2.07 Kidney | Exhibit Hall AB

Monday, August 4, 2025 at 3:30 PM

Endothelial Cell Tissue Identity Shapes Unique Responses to Inflammation and HLA-DQ Expression. J. Lockhart, C. Lantz, A. Antunes, K. Franca, M. Meneghini, E. Thorp, R. Fairchild, A. Tambur.

P3.03 Basic Science | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Chronic Inflammation Reshapes HLA Class II Regulation in Endothelial Cells, Revealing Delayed and Immunogenic HLA-DQ Expression. C. Lantz, J. Lockhart, A. Antunes, K. Franca, M. Meneghini, E. Thorp, R. Fairchild, A. Tambur.

P3.03 Basic Science | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Enhancing Outcomes for Compatible Living Donor Pairs through Kidney Paired Exchange. D. Pinelli, R. Sisto, M. Beltran, M. Bodner, D. Flannigan, M. Coakley, M. Gopalakrishnan, A. Senev, S. Nadig, A. Desai, J. Leventhal, J. Friedewald, A. Agrawal.

P3.07 Kidney | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Expanding Kidney Transplantation Opportunities via Global Organ Exchange within Incompatible Pairs. A. Desai, D. Pinelli, L. Kreutzer, A. Agrawal, S. Nadig, A. Rege, M. Seiari, M. Rees, J. Friedewald, J. Leventhal.

P3.07 Kidney | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Evolution of the Kidney Paired Exchange (KPE) Program at a Large Volume Transplant Center. A. Agrawal, D. Pinelli, R. Sisto, M. Beltran, M. Bodner, D. Flannigan, M. Coakley, M. Gopalakrishnan, A. Senev, S. Nadig, A. Desai, J. Leventhal, J. Friedewald.

P3.07 Kidney | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Single Center Experience with Rituximab and Daratumumab as Rescue Therapy for Post-Transplant FSGS Recurrence, Short-Term Follow-Up. F. Mubin, M. J. Ansari, J. Friedewald, C. Dagostino, C. Kane, L. B. Safar.

P3.07 Kidney | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Exploring the Challenges of the Kidney Transplant Evaluation Process from the Perspective of Black Patients: A Qualitative Study. J. Obayemi, A. Fonteh, H. Reddy, M. Byrnes, S. Alexandria, K. Kershaw, D. Ladner, D. Simpson, M. W. Lewis.

P3.07 Kidney | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Machine Learning Prediction of Optimal Kidney Transplant Time for Patients with Diabetes. D. Kumar, O. Oputa, Z. Wood-Doughty, S. N. Nadig, V. Rohan.

P3.10 Organ Inclusive | Exhibit Hall AB

Tuesday, August 5, 2025 at 3:30 PM

Collaborations

Impact of APOL1 Risk Alleles on HIV+ to HIV+ Kidney Transplant Outcomes in South Africa and the United States. M. Rodrigues, K. Manning, R. Freercks, S. Florman, R. Friedman-Moraco, P. Stock, A. Gilbert, S. Mehta, **V. Stosor**, S. Mehta, M. Pereira, C. Small, M. Morris, J. Hand, S. Aslam, G. Haidar, M. Malinis, S. Carlos, J. Schaeenman, D. Wojciechowski, E. Blumberg, N. Elias, E. Giorgakis, D. Segev, J. Odum, J. Heyman, A. Tobian, A. Redd, E. Muller, C. Durand. *Oral Presentation.*

Associations of Marijuana Use History with Progression from Living Donor Candidate Evaluation to Approval: Analysis of the US SRTR Living Donor Collective. K. L. Lentine, A. Waterman, Y. Ahn, D. Brennan, **A. Duarte-Rojo**, V. Fleetwood, M. Doshi, D. Segev, M. Levan, A. Rossi, A. Matas, D. LaPointe Rudow, W. McKinney, F. Al Ammary, K. Siegert, C. Nystedt, J. Snyder, A. Hart. *Oral Presentation.*

Assessment of Process Variation in Liver, Kidney, and Pancreas Transplantation Using the Consortium for the Holistic Assessment of Risk in Transplant (CHART). A. Strauss, **J. Caicedo**, W. Welsh, R. Reed, E. Gordon, D. Taber, Y. Ng, K. Ross-Driscoll, J. Schold, M. Serper, A. Olson, J. Harding, A. Adams, A. Kirk, L. McElroy. *Oral Presentation.*

Transcriptomic Insights into HIV Rejection Profiles in Renal Transplant Recipients. B. Ametepe, T. Sigdel, R. Rogers, S. Sur, A. Brown, A. Abbasi, G. Rol, B. Barin, S. Mehta, S. Florman, C. Durand, T. Pearson, M. Cooper, A. Gilbert, **V. Stosor**, E. Blumberg, J. Husson, S. Bunnapradist, B. Alston-Smith, J. Odum, P. Stock, M. Sirota, M. Sarwal. *Oral Presentation.*

Advanced Practice Provider Transplant Certification - Results of a Needs Assessment Survey. G. Jamero, K. Ryland, S. Lakhani, L. A. Coscia, M. Burke, **H. Domingo**, K. Marting. *Oral Presentation.*

HLA-DQ: The Dominant Driver of De Novo Donor-Specific Antibody-Mediated Graft Failure in Pediatric Kidney Transplantation. D. Turudic, V. Sigurjonsdottir, A. Shah, P. Grimm, **A. Tambur**, B. Zhang. *Oral Presentation.*

Access to HLA-DR Mismatched (MM) Deceased Donor Kidney Transplantation (DDKT) by HLA-DR Haplotype. D. Brosi, A. Lopez Moscoso, S. Arrigain, R. LaVanchy, D. Issacson, **A. Agrawal**, **A. Tambur**, J. Schold. *Oral Presentation.*

Mechanistic Insights Underlying Persistent Beneficial Impact on Kidney Function of CCR5 Blockade Following Treatment Discontinuation. A. Abbasi, B. Barin, G. Roll, A. Brown, T. Sigdel, M. Sirota, B. Ametepe, S. Mehta, S. Florman, C. Durand, T. Pearson, M. Cooper, A. Gilbert, **V. Stosor**, E. Blumberg, J. Husson, S. Bunnapradist, B. Alston-Smith, J. Odum, T. Henrich, M. Sarwal, R. Rogers, P. Stock. *Oral Presentation.*

Impact of Maraviroc on Circulating and Tissue Markers of Kidney Transplant Recipients with HIV. T. Sigdel, P. Stock, B. Ametepe, A. Abbasi, G. Roll, A. Brown, S. Sur, B. Barin, S. Mehta, S. Florman, C. Durand, T. Pearson, M. Cooper, A. Gilbert, **V. Stosor**, J. Husson, S. Bunnapradist, E. Blumberg, Z. Laszik, T. Henrich, B. Alston-Smith, J. Odum, R. Rogers, M. Sirota, M. Sarwal. *Rapid Fire Oral Presentation.*

Validation of Existing Comorbidity Models and Development of a New Transplant-Specific Index. F. Mendoza¹, T. Schappe, U. Rogers, A. T. Strauss, **J. C. Caicedo**, A. B. Adams, R. Matsouaka, S. Berchuck, L. M. McElroy. *Rapid Fire Oral Presentation.*

Military Share Deceased Donor Initiated Chains. J. Diaz Robinson, K. A. Sweeney, M. Wadsworth, J. Hawksworth, S. E. Rees, M. Doshi, C. Abbott, C. Marsh, A. Rege, A. Cohen, B. Nibhanupudy, R. Pelletier, L. Burdine, **J. J. Friedewald**, S. Keith, A. E. Roth, M. A. Rees. *Poster Presentation.*

Outcomes of Robotic-Assisted Radical Prostatectomy (RARP) for Localized Prostate Cancer in Men with Chronic Kidney Disease Stages 4 or 5. J. Slota, R. Alam, S. K. Kumar, C. Neill, N. Handa, H. D. Patel, K. T. Perry Jr, **V. Rohan**, A. E. Ross, **S. Nadig**, D. Isaacson. *Poster Presentation.*

Safety and Outcomes of Robotic-Assisted Radical Prostatectomy for Localized Prostate Cancer in Kidney Transplant Recipients. J. Slota, R. Alam, S. K. Kumar, C. Neill, N. Handa, H. D. Patel, K. T. Perry Jr, **V. Rohan**, **S. Nadig**, A. E. Ross, D. Isaacson. *Poster Presentation.*

Safety of Alternative Influenza Vaccination Strategies in Adult Solid Organ Transplant Recipients. H. Hayek, T. Stopczynski, A. Yanis, Z. Haddadin, K. Dee, D. Dulek, L. Thomas, L. Stewart, H. Rahman, S. AlSabah, H. Ansari, A. Khanfar, M. Stuhlreyer, M. Ison, **A. Tambur**, **K. Krueger**, A. Nellore, C. Wolfe, A. Limaye, S. Kalams, J. Chappell, A. Spieker, N. Halasa. *Poster Presentation.*

Cross-Reactive Serologic Responses Arise after Early Post-Transplant Influenza Immunization. A. Nellore, J. Lemonds, A. Rosenberg, F. Zhou, D. Botta, H. Hayek, J. Chappell, S. Kalams, T. Stopczynski, A. Yanis, Z. Haddadin, K. Dee, D. Dulek, L. Thomas, H. Rahman, S. AlSabah, H. Ansari, A. Khanfar, M. Stuhlreyer, M. Ison, **A. Tambur**, **K. Krueger**, C. Wolfe, A. Limaye, A. Spieker, N. Halasa. *Poster Presentation.*

It Matters Who is in Your Inner Circle: Exploring the Association Between Social Capital and Kidney Transplant Outcomes. J. E. Obayemi, J. Sanchez, J. Thumma, K. Sheetz. *Poster Presentation.*

Long-Term Patient Survival After Liver Transplantation by Donor Type. F. Al Ammary, A. Humar, A. Liapakis, J. Roberts, K. A. Kirby, S. Adeyemo, S. Saab, S. Alqahtani, B. Saberi, E. Aby, T. Bittermann, **A. Duarte-Rojo**, A. Gurakar. *Poster Presentation.*

Variation in 10-Year Mortality After Living Liver Donation: Informing the Need for Non-Donor Controls.

V. Fleetwood, H. Xiao, M. Schnitzler, **A. Duarte-Rojo**, M. Molinari, U. Agbim, Y. Caliskan, K. L. Lentine. *Poster Presentation.*

Donor KIM-1 Drives Premature Allograft Failure. S. Arumugarajah, E. Tutunea-Fatana, **Z. Zhang**, A. Haig, L. Gunaratnam. *Poster Presentation.*

Development of a Novel Imaging Mass Cytometry Panel to Distinguish Antibody-Mediated and T Cell-Mediated Rejection in Human Kidney Allografts.

A. Tsai, T. Sigdel, S. Sur, B. Ametepe, **Z. Zhang**, D. Feyaerts, J. Einhaus, M. Sirota, M. Sarwal, B. Gaudilliere. *Poster Presentation.*

The Role of Gene Expression Profile in Predicting Acute Rejection.

W. Dabbas, A. Zghayer, R. Naik, S. Ansari, M. Sanoufa, M. Abuzeineh, I. Tzvetanov, **M. Ansari**, S. Akkina, L. Gallon, Z. Hajjiri. *Poster Presentation.*

Comparison of Gene Expression Profiling with Histopathology and Molecular Pathology in Detection of Acute Rejection in Kidney Transplant Recipients.

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MELD 3.0 Thresholds: Improving Selection Criteria for Patients with ALD Referred for Early Liver

Transplantation. B. J. Hasjim, N. Lim, G. A. Roldan, **A. Cheung**, K. Wang, H. Shroff, K. Cooper, D. Devuni, K. Tesfai, V. Ajmera, A. J. Kwong. *Poster Presentation.*

Understanding Disparities in Progression from Living Donor Candidate Evaluation to Approval:

Analysis of the US SRTR Living Donor Collective. K. L. Lentine, A. Hart, Y. Ahn, C. Mejia, P. Dean, M. Doshi, **A. Duarte-Rojo**, C. Wooley, V. Fleetwood, M. Levan, D. Segev, A. Chami, E. King, A. Matas, D. LaPointe Rudow, W. McKinney, A. Israni, K. Siegert, C. Nystedt, J. Snyder, A. Waterman. *Poster Presentation.*