

CURRICULUM VITAE

Matthew Cooper, M.D.
Professor of Surgery
Georgetown University School of Medicine
Director, Kidney and Pancreas Transplantation
Medstar Georgetown Transplant Institute
Medical Director, Inpatient Transplant Unit
Medstar Georgetown University Hospital
Associate Faculty, Medstar Institute for Quality and Safety

Date: December 2019

Work Address: Medstar Georgetown Transplant Institute
Medstar Georgetown University Hospital
3800 Reservoir Rd., NW
2-PHC
Washington, DC 20007

Current Appointments:

Director, Kidney and Pancreas Transplantation
-Medstar Georgetown Transplant Institute
-Medstar Georgetown Transplant Institute at Washington Hospital Center

Associate Medical Director, Medstar Georgetown University Hospital

Education

Undergraduate: University of Scranton
Scranton, Pennsylvania
Dates Attended: 8/1986- 5/1990
Degree: Bachelor of Science in Biochemistry
Minors: Spanish and Philosophy
Undergraduate Thesis: Carbon-Hydrogen Bond Activation

Graduate/Professional: Georgetown University School of Medicine
Washington, D.C.
Dates Attended: 8/1990- 6/1994
Degree: Doctor of Medicine

Post Graduate Education and Training

Residency: Medical College of Wisconsin Affiliated Hospitals
Milwaukee, Wisconsin
Residency in General Surgery
Dates Attended: 7/1994- 6/2000

Postdoctoral Training: Johns Hopkins Hospital
Baltimore, Maryland
Fellow in Transplant Surgery
Dates: 7/2000- 6/2002

Research: Medical College of Wisconsin
Milwaukee, Wisconsin
Division of Transplant Surgery
Dates: 7/1996- 6/1997

Professional Development: ASTS Leadership Development Program
Northwestern University Kellogg School of Management
Evanston, Illinois
Dates: Sept. 11-14, 2011

Medstar Physician Leader of the Future Program
Collaboration with Wharton School of Business
Dates: Jan 2015- July 2016

Certification

1996 USMLE, Step I, II, III #4-000-981-3

2001 Qualifying Examination
American Board of Surgery

2003 Certifying Examination
American Board of Surgery #48586

2013 Recertification American Board of Surgery

Medical Licensure

1994-2000 Wisconsin Medical License #37971

2000- Maryland Medical License #D0056067

2004-2013 Delaware Medical License #C1-0007439

Medical Licensure (Continued)

2012- Washington, DC Medical License #MD040706

2013 - Virginia Medical License #0101254579

Professional Experience

2000-2002 Instructor of Surgery, The Johns Hopkins University School of Medicine, Baltimore, MD

2002-2005 Assistant Professor of Surgery, The Johns Hopkins University School of Medicine, Baltimore, MD

2005-2012 Associate Professor of Surgery, University of Maryland School of Medicine, Baltimore, MD

2012- Professor of Surgery, Georgetown University School of Medicine, Washington, DC

2014 – 2016 Medical Director, Medstar Georgetown University Hospital Peri-operative Services

2016 - 2018 Medical Director, Quality and Safety, Medstar Georgetown University Hospital

Hospital Appointments

2002 - 2005 Johns Hopkins Hospital, Baltimore, MD

2005 - 2012 University of Maryland Medical System, Baltimore, MD

2012 - Medstar Georgetown University Hospital, Washington, DC

2012 - Medstar Washington Hospital Center, Washington, DC

2012- Children's National Medical Center, Washington, DC

2016 - Medstar Franklin Square Medical Center, Baltimore, MD

Study Sections/Steering Committees

2008, 2009 HRSA-08-075
Clinical Interventions to Increase Organ Procurement
Washington, DC
Role: Grant Reviewer

Professional Society Memberships

Member, American Medical Association
Member, American Society of Transplant Surgeons
Member, American Society of Transplant Physicians
Member, The Transplantation Society
Member, International Liver Transplant Society
Member, DC Chapter of the American College of Surgeons
Member, Association of Academic Surgeons
Member, Association for Surgical Education
Member, American College of Surgeons
Member, National Kidney Foundation
Member, American Foundation for Donation and Transplantation
Member, Georgetown Clinical Society

Honors and Awards

1990	Magna cum laude – University of Scranton
1990	Excellence in Biochemistry – University of Scranton
1990	National Jesuit Alumni Society Award for Loyalty and Service
1994	National Jesuit Leadership and Service Award – Georgetown University
1994-1995	Junior Surgical Resident of the Year – Medical College of Wisconsin
1997	First Place – Milwaukee Academy of Surgeons Resident Research Presentation Night
1997	American Trauma Society's Young Investigator Award
1997	First Place, Basic Science Research – Wisconsin Surgical Society
1998	First Place – Medical College of Wisconsin Robert E. Condon Research Awards
1999-2000	Chief Administrative Resident – Medical College of Wisconsin
2007-2008	Surgical Educator of the Year – University of Maryland Department of Surgery
2011-2013	Baltimore Magazines' Top Docs

Honors and Awards (Continued):

2011-2017	Washington Post Magazine's Super Doctors
2016	National Kidney Foundation Chairman's Award for Service
2018	National Kidney Foundation's Arthur P. Pasquarella Leadership in Action Award
2018	National Kidney Registry Excellence in Physician Leadership Award
2019	National Kidney Foundation's Excellence in Kidney Transplantation Award

Administrative Service

Institutional Appointments:

2003-2005	Johns Hopkins Hospital Performance Improvement Committee
2003-2005	Johns Hopkins Hospital OR Advisory Committee – Transplant/Vascular/Trauma
2004-2005	Johns Hopkins School of Medicine Education Committee
2004-2005	Johns Hopkins School of Medicine Clinical Research Steering Committee
2004-2005	Johns Hopkins School of Medicine Medical School Council – Dept. of Surgery Representative
2004-2005	Johns Hopkins Hospital DVT Collaborative – Divisional Chair
2006-2012	University of Maryland Division of Transplantation Resident and Medical Student Educational Coordinator
2007- 2009	University of Maryland School of Medicine Council – Department of Surgery Representative
2008-2012	University of Maryland Division of Transplantation – Chair, Living Donor Ethics Committee
2008-2012	University of Maryland Division of Transplantation – “Ask the Expert” web-based patient site

2009-2012	University of Maryland Department of Surgery Peer Review Committee
2010-2012	University of Maryland Department of Surgery Medical Student Grading Committee
2011-2012	University of Maryland Medical Center Co-worker Civility Committee
2012	Georgetown University Hospital/Disney Institute – Patient Experience, Physician Engagement Group
2012-	GUH Organ Donation Committee
2014-	MGUH Peri-operative Governance Council
2014-	MGUH Clinical Resource Allocation Group
2014-	MGUH OR Safety Committee
2014-2016	Chair, Medstar 2020 Transformation Team – Clinical Services
2015 -	MGUH Center for Patient and Associate Safety Council
2016 -	MGUH Quality and Safety Executive Council (QSEC)
2016-2018	MGUH Clinical Business Council
2016-2018	MGUH Patient Safety Oversight Committee
2016-2019	MGUH Risk Management Committee
2016-2019	MGUH Mortality Review Committee
2016 -	Chair, MGUH VTE Reduction Taskforce
2016-	Chair, MGUH BOD Quality, Safety, and Professional Affairs Committee (QSPAC)
2016-	MGUH Representative, Medstar Health QSPAC
2016-	Medical Director, Transplant Inpatient Service

Local and National Service:

2003-2008	Scientific Advisory Board, Genzyme Pharmaceuticals
2003-	Scientific Advisory Board, Novartis Pharmaceuticals
2004-	Ad Hoc Reviewer, <i>Archives of Surgery</i>
2004	Reviewer, Baltimore Academy of Surgery Resident Research Presentations
2004-2006	Member, OPTN/UNOS Living Donor Region 2 Representative
2006-2009	Member, Scientific Studies Committee, American Society of Transplant Surgeons
2006-2013	Member, OPTN/UNOS Subcommittee, Kidney Paired Donation Program
2006-2009	Reviewer, National Kidney Foundation of Maryland Research Grants
2006-2009	Member, OPTN/UNOS Subcommittee, Living Donor Data
2008-	Reviewer, American Transplant Congress Abstract Submissions
2007-2009	Data Safety Monitoring Board, Y's Therapeutics
2008	Reviewer, ASTS Student Mentor Awards
2008-2010	Chair, UNOS Living Donor Committee
2008-2011	Member, ASTS Fellow's Curriculum Committee
2008- 2010	Clinical Advisory Board/ Data Safety Monitoring Board Quark Pharmaceuticals
2008-	Ad Hoc Reviewer, <i>American Journal of Transplantation</i>
2008-	Ad Hoc Reviewer, <i>Clinical Transplantation</i>
2008-	Ad Hoc Reviewer, <i>Transplantation</i>
2009-2012	Vice-Chairman, Living Legacy OPO's Advisory Board of Trustees
2009-2013	Board Member, National Kidney Foundation of Maryland

Local and National Service (Continued):

2009-2012	Member, National Kidney Foundation End the Wait! Taskforce
2010-	Member, National Kidney Foundation Public Policy Committee
2010-2012	Chairman, National Kidney Foundation of Maryland's Rappel for Kidney Health, Baltimore, MD
2010-	Member, National Kidney Foundation's Living Donor Executive Council
2010	Steering Committee, Living Kidney Donor Follow-up: State of the Art and Future Directions, Crystal City, MD
2010-	Ad Hoc Reviewer, <i>Immunotherapy</i>
2011-2012	Member, UNOS Living Donor Joint Society Working Group
2011	Member, ACOT Realignment Working Group
2011	Co-Chair, 2012 ATC Abstract Review Committee
2011	Program Committee, 2012 24 th International Congress of the Transplantation Society
2012-2015	American Transplant Congress Program Committee
2012-2014	Board Member, United Network of Organ Sharing
2012-	Board Member, Washington Regional Transplant Community OPO
2012-	Medical Advisory Committee, National Capitol Area National Kidney Foundation
2012-2014	Member, UNOS Kidney Paired Donation Joint Society Working Group
2013-	Board Member, National Capitol Area National Kidney Foundation
2013-	Board Member, American Foundation for Donation and Transplantation

Local and National Service (Continued):

2013-	National Kidney Foundation's Annual NCA Walk Chair
2013-2016	Clinical Trial Steering Committee, Opsona Pharmaceuticals
2014-2015	Steering Committee, AST Sponsored Best Practices in Living Donation
2014-	Board Member, National Kidney Foundation
2014-	Member, MGUH Operating Room Safety Committee
2014-	Mentor, Women In Science (WINS) Summer Internship
2015- 2018	American Transplant Congress Executive Planning Committee
2015 - 2017	UNOS Region 2 Associate Councilor
2015-	Transplant Task Force, National Kidney Foundation
2015-2017	UNOS Region 2 Representative, Membership and Professional Standards Committee
2015-	Planning Committee, American Foundation for Donation and Transplantation Annual Living Donation Conference
2015	Planning Committee, American Society of Transplantation's Independent Living Donor Advocate Webinar Series
2015-	Board Member, Medstar Georgetown University Hospital
2016	Invited Member, ASTS Innovations in Living Donation Workshop
2016-	Board Member, National Kidney Registry
2016- 2017	Vice-Chair, UNOS Membership and Professional Standards Committee
2016- 2017	Member, UNOS Policy Oversight Committee
2016- 2108	Advisory Member, UNOS Collaborative Innovation and Improvement Network (COIIN) Project
2016- 2018	Chair, National Kidney Foundation's Consensus Conference to Decrease Organ Discards

Local and National Service (Continued):

2016- Board Member, Georgetown University School of Medicine's Alumni Society

2016 NKF Representative, The National Academies of Science Committee on Organ Donor Intervention Research

2017- Scientific Advisory Board, NKF

2017- Councilor, International Pancreas and Islet Cell Transplantation Association

2017- 2018 American Transplant Congress 2018 Program Chair

2017- 2019 Region 2 Councilor, UNOS

2017 - MGTI Quality Steering Council

2017- Chair, National Kidney Registry Surgical Subcommittee

2017- 2019 Board of Directors, UNOS

2017 - NKF Representative, HRSA-Sponsored Living Donor Coalition

2018 - Board of Directors, ESRD Network 5

2018 - 2019 Chair, UNOS-Sponsored System Performance Improvement Summit

2018 - Board Member, Donate Life America

2018 - Program Committee, 2020 International Congress of The Transplantation Society

2018 - Donate Life America Living Donor Registry Workgroup

2018- Member, Transplant Accreditation and Certification Council

2019 - Steering Committee, UNOS Organ Center Kidney Accelerated Placement Council

2019- Council Member, American Society of Transplant Surgeons

2019- Board Member, ASTS Foundation

Local and National Service (Continued):

2019- Steering Committee, Kidney Procurement Biopsy Trial

Educational Activities

Teaching:

Classroom Instruction:

2003- 3rd Year Surgical Clerkship Lecture
Abdominal Organ Transplantation
Vascular Access
Transplant Complications
45, 3rd Year Medical Students – 8 contact hours/yr

Clinical Instruction:

2003- Attending Physician In-patient Service
1 fellow, 2 residents, 1 intern, 2 jr. medical students
3 hours/day, 5 months/year

2003- Medical Student Instructor/Small group preceptor
4-5 medical students on weekly basis/quarter
Case presentations and patient-oriented instruction
1.5 hours/wk, 8 months/year

2003- Medical Student Mentor/Advisor
One-on-one advisor role to second-fourth year medical students with
particular interest in a surgical career
2 hours/month, 12 months/year

CME Instruction:

2003 ABC's of Renal Transplantation
Towson, MD
Course Director

2004 Incompatible Renal Transplantation: Solving the Puzzle
Baltimore, MD
Small-group leader

2005 Palliative Care: What Every Surgeon Needs to Know
Baltimore, MD
Invited lecturer – 'Educating the Resident in End-of-Life Issues'

CME Instruction (Continued):

- 2006 Symposium on Transplant and Dialysis Center Relationships: Promoting the Partnership
Baltimore, MD
Invited lecturer – ‘Expanded Criteria Donors’
- 2007 MPA as a Cornerstone Therapy in Immunosuppression
American Transplant Congress
San Francisco, CA
Invited lecturer – ‘The Importance of MPA Optimal Dose in Solid Organ Transplantation’
- 2007 Optimal MPA Dosing: The Key to Improved Long Term Graft Outcome
European Society of Transplantation
Prague, Czech Slovakia
Moderator and Lecturer
- 2008 Maintaining Optimal MPA Dosing Following Kidney Transplantation
Milwaukee, WI
- 2008 Hot Topics in Kidney Transplantation
WEB-based/Teleconference
Invited Faculty
- 2010 Extending Allograft Function and Recipient Survival
Baltimore, MD
Pittsburgh, PA
Invited Lecturer - Management of Immunosuppression
- 2014- Current Issues in the Care of Dialysis and Transplant Patients
Washington, DC
Course Director
- 2015 Global Transplant Symposium
Berlin, Germany
Chair and Invited Lecturer
- 2015 Brazil’s 2nd International Transplant Meeting
Sao Paulo, Brazil
Chairperson and Invited Lecturer

Mentoring:

Advisees (House staff):

Andrew Singer (2003-2005)	Jayne Locke (2003-2005)
Matthew Weiss (2004-2005)	Joseph Scalea (2007-2012)
Josephine Kweku (2008-2012)	Philip Brazio (2009-2012)
Julia Terhune (2010-2012)	Gabriel Ivey (2012 – 2014)
Sarah Carter (2012 – 2014)	Duncan Yoder (2012 -2014)

Students

Geoffrey Roelant (2005-2008)	Khayree Butler (2006-2008)
Gerald Gant (2006-2010)	Preetha Umamheswaran (2007-2008)
Josephine Kweku (2007-2008)	Joseph Jones (2007-2008)
Caroline Butler (2007-2009)	Keri Quinn (2008-2009)
Poornima Vanguri (2008-2009)	Andres Correa (2008-2010)
Burm Lee (2009-2010)	Veronica Bustillo (2009-2010)
Daniel Smith (2010-2012)	Catherine Njathi (2009-2011)
John Berquist (2010-2012)	Colin Powers (2011-2012)

Fellows

Jason Hawksworth	(2010 – 2012)
Juan Francisco Guerra	(2010 – 2012)
Armando Ganoza	(2012 – 2014)
Pablo Serrano	(2012 – 2014)
Alexander Kroemer	(2013 – 2015)
Kambiz Etesami	(2014 – 2016)
Yong Kwon	(2014 – 2016)
Ahmed Elsabbagh	(2015 – 2017)
Oya Andacoglu	(2016 – 2018)
Vijay Adarsh	(2016 – 2018)
Asha Zimmerman	(2017 – 2019)
Josh Weiner	(2017 – 2019)
Matthew Hanlon	(2018 – 2020)
Mohamed ElFedaly	(2018 – 2020)

Grant Support

6/9/04 - 6/9/06

National Kidney Foundation of Maryland, Inc.

A cross-sectional study of African American living kidney donors to assess the risk for adverse renal outcomes

This is single-center, cross-sectional study designed to assess the risk of adverse renal and related risks in African American living kidney donors who donated at the University of Maryland between March 1996 and March 2002 as compared to non-African American living kidney donors.

Principle Investigator: Joseph Nogueira, MD

Role: Co-investigator

Total Direct Costs: \$10,000

6/9/04 - 6/9/06

National Kidney Foundation of Maryland, Inc.

A cross-sectional study of obese living kidney donors to assess the risk for adverse renal outcomes

This is single-center, cross sectional study designed to assess the risk of adverse renal and related risks in obese living kidney donors who donated at the University of Maryland between March 1996 and March 2002 as compared to non-obese living kidney donors from the same period.

Principle Investigator: Joseph Nogueira, MD

Role: Co-investigator

Total Direct Costs: \$8,500

7/25/07 - 7/27/09

University of Maryland Other Tobacco-Related Diseases Research Grant

A long-term follow-up pilot study of living kidney donors to assess patterns of smoking and to assess if obesity, African American race and smoking are associated with adverse health outcomes

This is single-center, cross-sectional study designed to (1) compile baseline medical and social information as well as pre-donation evaluation “process of care” data on a large cohort of our center’s live donor population, (2) provide data on the link between short-term perioperative smoking cessation and long-term abstinence, (3) provide important data on the adequacy of medical follow-up in live kidney donors, and (4) provide critical data on the health status of prior kidney donors that will help us better estimate the risks associated with obesity, race and smoking in live kidney donors.

Principle Investigator: Joseph Nogueira, MD

Role: Co-Investigator

Total Direct Costs: \$50,000

Grant Support (Continued)

1-08-CR-60

01/01/08 - 12/31/10

American Diabetes Association

Steroid Challenge and the Prediction of Post Transplant Diabetes Mellitus

The goal of this project is to determine if a prednisone modified oral glucose tolerance test performed prior to renal transplant in non-diabetic patients predicts who will develop post transplant diabetes mellitus.

Principle Investigator : Kristi Silver, MD

Role: Co-investigator

Total Direct Costs: \$516,462

Total Indirect Costs: \$77,469

Clinical Trial Support:

-Britol-Myers Squibb

12/21/2001- 6/24/2003

Open-label, randomized, controlled, multiple-dose study of efficacy and safety of BMS-224818 as Part of a Quadruple Drug Regimen in Renal Transplant Recipients

This protocol looks to assess the efficacy at 6 months of BMS-224818 versus CsA when used in combination with Cellcept, corticosteroids, and basiliximab using a non-inferiority design.

Role: PI

Total Direct Costs: \$245,000

-Fugisawa Healthcare

8/25/2003- 4/03/2005

Phase III, Randomized, Open-Label, Comparative, Multi-Center Study to assess the safety and efficacy of Prograf (tacrolimus) and Cellcept, Modified Release (MR) Tacrolimus and Cellcept, and Neoral and Cellcept in de novo Kidney Transplant Recipients

This study investigates the new once-a-day formulation of Tacrolimus versus standard twice dosing Tacrolimus and Neoral in first time kidney transplant recipients.

Role: PI

Direct Costs: \$174,160

-Genzyme Medical Corporation

1/12/2004- 11/18/2005

Randomized, Prospective, Phase II Study Comparing Thymoglobulin in a Rapid Discontinuation of Corticosteroids Protocol with standard corticosteroid therapy in Living Donor Renal Transplantation.

This protocol investigates the avoidance of steroid administration in living donor kidney transplant recipients utilizing polyclonal antibody induction therapy.

Role: PI

Total Direct Costs: \$130,000

- Clinical Trial Support (Continued):

-Wyeth Pharmaceuticals

2/01/2004- 4/04/2005

Randomized open-Label Study to Compare the Safety and Efficacy of Two Different Sirolimus Regimens with a Tacrolimus and Mycophenolate Mofetil Regimen in de novo Renal Allograft Recipients.

This protocol investigates two varying immunosuppressive medication levels in order to determine efficacy with the avoidance of medication side effects versus a standard immunosuppressive regimen.

Role: PI

Total Direct Costs: \$106,299

-Novartis Pharmaceuticals

2/01/2004-6/30/2005

A prospective multicenter, open label, randomized study of the safety tolerability, and efficacy of Certican with Simulect, corticosteroids and lower levels versus higher levels of tacrolimus in de novo renal transplantation.

This protocol evaluates the use of an investigational antimetabolite and its cumulative effects with tacrolimus in order to determine an effective and safe medication administration dosage.

Role: PI

Total Direct Costs: \$72,660

-Roche Laboratories Inc

7/18/2004-6/30/2005

An open-label, prospective, randomized, controlled multi-center study assessing fixed dose vs. concentration controlled Cellcept regimens for patients following a single organ renal transplant in combination with full dose and reduced dose calcineurin inhibitors.

The purpose of this protocol is to compare the efficacy and the effects on renal function of a regimen of reduced concentration of calcineurin inhibitor and monitored Cellcept to a regimen of standard concentrations of calcineurin inhibitor and fixed-dose Cellcept.

Role: PI

Total Direct Costs: \$100,000

-Novartis Pharmaceuticals

10/01/2004-6/30/2005

A three-month, open-label, two cohort study to investigate the safety and tolerability of Myfortic in combination with Neoral or Tacrolimus in renal transplant recipients with GI intolerance. The objective of this study is to assess the tolerability of Myfortic in combination with CNIs as determined by gastrointestinal symptom rating scale (GSRS) after conversion from Cellcept within 3 months.

Role: PI

Total Direct Costs: \$130,000

Clinical Trial Support (Continued):

-Fugisawa Healthcare

11/21/2004-6/30/2005

A Phase 2, proof of concept, randomized, open-label, two-arm, parallel group, multi-center study to assess the efficacy and safety of FK778 compared with standard care in renal transplant recipients with untreated biopsy-diagnosed BK Nephropathy.

This protocol looks to assess the efficacy and safety of FK778 vs. standard care of CNI, anti-proliferative agent, and steroids in patients diagnosed with BK nephropathy confirmed by renal biopsy.

Role: PI

Total Direct Costs: \$154,000

Novartis Pharmaceuticals

01/01/06-12/01/09

A 24-month, multi-center, randomized, open-label non-inferiority study of the efficacy and safety comparing two concentration-controlled Certican regimens with reduced Neoral versus Myfortic with standard dose Neoral in de novo renal transplant recipients

This protocol examines the benefit of a newly-developed mTOR inhibitor (Certican) in combination with reduced CNI compared to standard CNI.

Role: PI

Total Direct Costs: \$187,200

-Isotechnika, Inc.

07/01/06-12/31/07

A Phase IIB, randomized, multi-center, open-label, concentration-controlled, safety study of ISA247 and Tacrolimus (Prograf®) in de novo renal transplant patients

This protocol examines the benefit of a new CNI (ISA247) with limited renal toxicity compared to standard CNI in newly transplanted renal recipients.

Role : PI

Total Direct Costs: \$150,125

-Novartis Pharmaceuticals

08/01/06-02/02/09

A six-month, prospective, multi-center, open label, parallel, randomized study of the safety, tolerability and efficacy of Myfortic (ERL080) with Simulect, Corticosteroids, and two different levels of Tacrolimus in de novo renal transplant recipients.

This protocol evaluates the safety and efficacy of a newly developed mycophenolic acid product (Myfortic) in combination with CNI compared to standard Cellcept.

Role: PI

Total Direct Costs: \$92,611

Clinical Trial Support (Continued):

-Novartis Pharmaceuticals

01/31/07-08/01/08

A 4-week, multicenter, double-blind, randomized, parallel group study to compare the gastrointestinal and tolerability of Myfortic and MMF (CellCept) when administered in combination with calcineurin inhibitors in renal transplant recipients experiencing gastrointestinal intolerance.

This protocol seeks to demonstrated improved tolerability of Myfortic compared to Cellcept in combination with CNI for those renal transplant recipients experiencing GI toxicity secondary to MPA therapy.

Role: PI

Total Direct Costs: \$36,913

-Pfizer, Inc.

11/01/08-07/31/10

A Phase 2 randomized , multicenter, active comparator-controlled trial to evaluate the safety and efficacy of coadministration of CP-690,550 and Mycophenolate Mofetil/Mycophenolate Sodium in de novo kidney allograft recipients (A3921030)

This protocol evaluates the safety and efficacy of a newly developed JAK-3 inhibitor (CP-690,550) compared to CNI with MPA in renal transplant recipients.

Role: PI

Total Direct Costs: \$255,124

-Astellas Pharmaceuticals

04/01/09-3/30/2011

A Phase 2, Randomized, Open-Label, Parallel Group, Multi-Center Study to Assess the Safety and Efficacy of Alefacept in de novo Kidney Transplant Recipients

This protocol evaluates the safety and efficacy of anti-CD2 (Alefacept) vs. CNI in newly transplanted renal recipients.

Role: PI

Total Direct Costs: \$226,210

-Alavita Inc.

03/01/09-03/01/10

A Phase 2, Two-Part Study of the Safety and Tolerability of Diannexin in Kidney Transplant Recipients

This protocol evaluates the impact of a novel phosphodiesterase inhibitor (Diannexin) on the development and the duration of delayed graft function in newly transplanted renal recipients.

Role:PI

Total Direct Costs: \$249,134

Clinical Trial Support (Continued):

-LifeCell

08/01/09-05/01/10

Incisional hernia repair in multiple morbid patients: A multicenter, prospective, randomized, controlled, single blinded study of Strattice™ reconstructive tissue matrix vs Proceed

This protocol seeks to compare the safety and efficacy of two products (Strattice – bioprosthesis v. Proceed – artificially produced) utilized in complex hernia repair in multiply morbid patients such as transplant recipients.

Role: PI

Total Direct Costs: \$125,990

-Quark Pharmaceuticals, Inc.

11/01/10-5/31/2013

Controlled, Randomized, Prospective, Double-Blind, Multicenter, Phase I/II, Dose-Escalation Study of the Safety, PK, and Clinical Activity of I5NP for Prophylaxis of Delayed Graft Function in Patients Undergoing Deceased Donor Kidney Transplantation

This protocol evaluates the effect of a small interfering ribonucleic acid (siRNA or I5NP) on the development and duration of delayed graft function (DGF) in newly transplanted kidney recipients.

Role: PI

Total Direct Costs: \$141,765

-Novartis Pharmaceuticals

05/01/10 – 3/13/2012

A 12 month, multi-center, randomized, open-label noninferiority study comparing the safety and efficacy of concentration-controlled Everolimus with low dose tacrolimus to CellCept® (mycophenolate mofetil) with standard dose tacrolimus in de novo renal transplant recipients.

This protocol examines the efficacy and safety of mTOR inhibition (Everolimus) compared to CNI in evaluating the 12 month kidney function of newly transplanted renal allograft recipients.

Role: PI

Total Direct Costs: \$296,320

-Angion Pharmaceuticals

6/28/2011 - present

Multicenter Pilot Study of BB3 to Improve Renal Function in Patients with Signs and Symptoms of Significant Renal Injury after Kidney Transplantation and at Risk for Dialysis

This protocol evaluates the use of a small molecule mimetic of hepatocyte growth factor/scatter factor (HGF/SF or BB3) whose activity is expected to preserve tissue viability and attenuate dysfunction in the setting of organ injury on the development of delayed graft function in kidney transplant recipients.

Role: PI

Total Direct Costs: \$248,013

Clinical Trial Support (Continued):

-Immune Tolerance Network (ITN) 2/ 19/2011 – 6/60/2012
Immunosuppression with Antithymocyte Globulin, Rituximab, Tacrolimus, and Sirolimus, Followed by Withdrawal of Tacrolimus and Sirolimus, in Living-donor Renal Transplant Recipients.

This protocol sponsored by the ITN seeks to demonstrate immune tolerance of living donor kidney transplant recipients by progressively weaning patients off immunosuppressive medications over a 3 year period.

Role:PI

Total Direct Costs:

-Alberta Transplant Applied Genomics Centre 6/22/2011 – 6/30/2012
The International Collaborative Microarray (INTERCOM) Study

This project aims to develop a new diagnostic system that combines the molecular and histopathological features of kidney transplant biopsies, plus clinical and laboratory parameters, to create the first Integrated Diagnostic System to better direct the care of kidney transplant recipients.

PI: Jonathan Bromberg, MD

Role: Co-investigator

Total Direct Costs: \$56,144

-American Society of Transplant Surgeons 6/29/2011 – 6/30/2012
Changes in the human microbiota induced by post-transplant medication

This protocol is a highly innovative human microbiome research project with the goal to determine the functional setup of the healthy human microbiota, in order to develop prebiotic, probiotic or antibiotic options that could be used as a concomitant treatment in addition to the standard immunosuppressive and antimicrobial therapy.

PI: Jonathan Bromberg, MD

Role: Co-investigator

Total Direct Costs: \$100,000

-Alexion Pharmaceuticals 10/11/2012 – 8/7/2014
A randomized, open-label, multi-center trial to determine safety and efficacy of Eculizumab in the prevention of antibody mediated rejection (AMR) in living donor kidney transplant recipients requiring desensitization.

This protocol was designed to determine the efficacy of employing a complement-inhibitor in the prevention of AMR in living donor pairs who have been found to have a positive crossmatch and in need of pre-transplant desensitization.

Role: PI

Total Direct Costs: \$129,366

Clinical Trial Support (Continued):

-Genentech, Inc

3/3/2013 – 1/6/2015

A phase II randomized, double-blind, placebo-controlled trial of MCMV5322A/MCMV3068A for the prevention of cytomegalovirus disease in high-risk kidney allograft recipients

The purpose of this trial is to evaluate the safety of multiple doses of MCMV5322A/MCMV3068A given intravenously (IV) to CMV seronegative recipients of a renal transplant from a CMV seropositive donor in the absence of standard prophylaxis.

Role: PI

Total Direct Costs: \$355,268.80

-KCI USA, Inc.

7/15/2013- 8/9/2016

The use of Provena incision management system on closed recipient site incisions in renal transplant subjects

The goal of this investigator-initiated trial is to demonstrate decreased wound complications (ie. infections, seromas, dehiscence) with the use of a negative-pressure wound closure device compared to standard of care.

Role: PI

Total Direct Costs: \$653,751.50

-Opsona Therapeutics

7/15/2013 –09/01/2016

A three-part, multi-center, randomized, double-blind, placebo-controlled, parallel-group, sequential adaptive phase 2 study to evaluate the safety, tolerability, and efficacy of OPN305, a humanized, monoclonal antibody that blocks toll-like receptor 2, in renal transplant recipients at high risk of delayed graft function.

The purpose of this trial is to assess the efficacy of an antibody formulated against the TLL-2 receptor which has been demonstrated to be significantly upregulated during ischemia reperfusion injury in kidney transplant recipients of an organ from an expanded criteria donor.

Role: PI

Total Direct Costs: \$218,220.80

-Protect, Oxford Immunotec Inc.

7/13/2015 – 2/11/2017

A Non-interventional Observational Study to Evaluate T-cell Responses in Kidney Transplant Recipients to: (a) CMV-specific antigens (T-SPOT.CMV), and (b) a reference panel of donor cells as a marker for acute rejection (T-SPOT. SPOT.PRT)

The purpose of this study is to observe and study two potential risks of kidney transplant: CMV infection and rejection of the newly transplanted kidney. The two main concerns in this study are the risk of pre-existing Cytomegalovirus (CMV) infection becoming an active disease process which can negatively affect the success of your transplant, and the risk of your body's rejection of your newly transplanted kidney.

Role: PI

Total Direct Cost: \$50,205.00

Clinical Trial Support (Continued):

-Prolong Pharma

9/28/2015 – 11/15/2016

A Randomized, Placebo-controlled, Prospective, Double-blind, Multicenter Phase 2/3 Study of the Efficacy and Safety of SANGUINATE™ for Reduction of Delayed Graft Function in Recipients of a Donor Kidney Transplant

The purpose of the study purpose is to look at the safety and effectiveness of SANGUINATE™, an investigational new drug being studied as a therapy for delayed graft function in patients with end stage renal disease (ESRD) who will undergo a kidney transplant.

Role: PI

Total Direct Cost: \$73,125.00

-Alexion Pharmaceuticlas Inc.

10/11/2012-07/07/2016

A randomized, parallel group, double-blind, placebo-controlled, multi-center study of Eculizumab for the prevention of delayed graft function after kidney transplantation in adult subjects at increased risk of delayed graft function.

Purpose of the study is to determine the safety and efficacy of using Eculizumab as a treatment prevent delayed graft function following kidney transplantation.

Role: PI

Total Direct Costs: \$129,366

-Novartis Pharmaceuticals

9/23/2014 – 2/14/2016

A Pilot Study Comparing the Safety and Efficacy of Zortress (Everolimus) With Low Dose Tacrolimus to Early Conversion to Calcineurin Inhibitor-Free Regimen and Mycophenolic acid With Standard Dose Tacrolimus in Recipients of DCD and Elevated KDPI Kidneys

Purpose: The purpose of this pilot study is to evaluate concentration-controlled everolimus with low dose tacrolimus compared to early conversion to CNI-free regimen and MMF/MPA with standard dose tacrolimus in de novo renal transplant recipients of / DCD and elevated KDPI kidneys

Role: PI

Total Direct Costs: \$982, 615

- Bristol-Myers Squibb Research and Development

9/8/2015-10/20/2016

Evaluation of Acute Rejection Rates in *de novo* Renal Transplant Recipients Following Thymoglobulin Induction, CNI-free, Nulojix (belatacept) -based Immunosuppression

The purpose e is to assess the incidence of clinically-suspected and biopsy proven acute rejection (CSBPAR) at 6 months post-transplant in de novo renal allograft recipients treated with thymoglobulin induction, rapid corticosteroid withdrawal, and maintenance belatacept, in combination with MMF or EVL, or maintenance TAC in combination with MMF.

PI: Alexander Gilbert, MD

Role: Sub-Investigator

Total Direct Costs: \$184,953.00

Clinical Trial Support (Continued):

-U01 AI118594-02 (Stock)

07/01/2015 – Present

NIH/ NIAID

Impact of CCR5 Blockade in HIV+ Kidney Transplant Recipients

The primary clinical objective is to evaluate CCR5 blockade (maraviroc) as a strategy to improve kidney function following transplantation in the HIV positive recipient.

Role: Site PI

Total Direct Costs: \$4,343.00

-Angion Biomedica Corp

8/9/2016 - Present

A Multicenter, Prospective, Double-Blind, Randomized, Placebo-Controlled, Phase 3 Study of BB3 to Reduce the Severity of Delayed Graft Function in Recipients of a Deceased Donor Kidney

The purpose of the trial is to demonstrate the safety and efficacy of BB3 in reducing the severity of delayed graft function (DGF) in recipients at high risk of DGF after receiving a deceased donor renal allograft.

Role: PI

Total Direct Costs: \$187,423

-Astellas Pharma Global Development, Inc.

05/12/2017 - Present

Astagraf XL® to Understand the Impact of Immunosuppression on De Novo DSA Development and Chronic Immune Activation in Kidney Transplantation

The primary objective is to compare the incidence of a two-part composite endpoint consisting of de novo DSA formation or a designation of “immune activation (IA)” on peripheral blood molecular profiling in patients maintained on twice daily, immediate-release tacrolimus versus those maintained on Astagraf XL in the first two years post-transplant.

Role: PI

Total Direct Costs: \$93,037

-Medeor Therapeutics, Inc.

09/13/2018-Present

A Phase 3 Prospective, Randomized, Multi-Center, Open-Label, Controlled Trial to Assess the Efficacy and Safety of Cellular Immunotherapy with MDR-101 for Induction of Immune Tolerance in Recipients of HLA-Matched, Living Donor Kidney Transplants

MDR-101 is intended to induce mixed lymphohematopoietic chimerism and donor specific immune tolerance when administered the HLA-identical living donor recipients to preserve kidney function, avert transplant rejection, and eliminate the cumulative and serious side effects associated with IS drugs.

Role: PI

Total Direct Costs: \$740,638

Clinical Trial Support (Continued):

- *U01AI134591(Segev)*

5/28/2018 - Present

NIH/NIAID

Hope In Action: A Prospective Multicenter, Clinical Trial of HIV+ Deceased Donor Kidney Transplants for HIV+ Recipients

The purpose of this multi-center trial is to evaluate the safety and efficacy of HIV+ donor to HIV+ kidney and liver transplant recipients.

Role: Sub-Investigator

Total Direct Costs: \$6431.00

-*CareDx, Inc.*

09/19/2018 - Present

Evaluation of Patient Outcomes From the Kidney Allograft Outcomes AlloSure Registry (KOAR)

The purpose of this registry is to evaluate patient outcomes in kidney transplant recipients who undergo regular use of AlloSure® testing in determining evidence of early allograft injury as detected by the presence of donor-derived cell free DNA in the recipient's serum.

Role: PI

Total Direct Costs: \$89,400

-*APOLI*

Long-term Kidney Transplantation Outcomes Network (APOLLO)

The primary objective is to determine whether the presence of APOL1 RRVs in a potential living kidney donor results in shorten death-censored renal allograft survival for the recipient

Role: Sub-Investigator

Total Direct Costs:

-*Qiagen Sciences, LLC*

11/08/2018 - Present

Development of the QuantiFERON®- CMV and QuantiFERON®-Monitor assays using blood from solid organ transplant recipients.

The aim of this study is to evaluate the performance and analytical characteristics of the QF-CMV and QFM assays using clinically-relevant samples. Performance and analytical characteristics that may utilize samples from transplant recipients include, but is not limited to, precision, specificity, stability, and interference.

Role: PI

Total Direct Costs: \$50,000

Clinical Trial Support (Continued):

-Qiagen Sciences, LLC

Clinical Evaluation of the QuantiFERON CMV Assay

The purpose of this study is to collect samples from recipient CMV negative, donor CMV positive solid organ transplant recipients to validate the use of the QuantiFERON CMV Assay for assessing the risks of CMV in D+/R- SOT recipients.

Role: PI

Total Direct Costs:

Publications (Peer –Reviewed)

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185. Care of International Living Kidney Donor Candidates in the US: A Survey of Contemporary Experience, Practice and Challenges. Lentine K, Henderson M, Rasmussen S, Shukhman E, Hunt J, Al Ammary F, Kumar V, Cooper M, Hays R, Mandelbrot D. 2019 American Transplant Congress, Boston, MA, May 2019.
186. Causes of 30-Day Graft Loss Among Shared Kidneys in the National Kidney Registry (NKR). Verbese J, Thomas A, Ronin M, Segev D, Waterman A, Flechner S, Cooper M. 2019 American Transplant Congress, Boston, MA, May 2019.
187. Compatible Pairs in Paired Kidney Exchange – Are There Winners and Losers? Chapman V, Lee B, Cooper M, Cuffy M, Ronin M, Hil G, Flechner S, Thomas A, Mandelbrot D, Waterman A, Friese C, Roll G. 2019 American Transplant Congress, Boston, MA, May 2019.
188. Dialysis Lowers Pulmonary Embolism Mortality Risk in Kidney Transplantation. Javaid B, Gilbert A, Vranic G, Moore J, Thomas B, Abrams P, Ghasemian S, Verbese J, Yi S, Cooper M. 2019 American Transplant Congress, Boston, MA, May 2019.
189. Distribution and Outcomes of Donor Right Kidneys In a National Paired Kidney Exchange Program. Roll G, Irish W, Cooper M, Ronin M, Hil G, Waterman A, Leeser D. 2019 American Transplant Congress, Boston, MA, May 2019.
190. Estimated Post Transplant Survival Allocation: Not Just Better Kidneys but Faster Ones as Well. Ormiston L, Vranic G, Moore J, Thomas B, Cooper M, Gilbert A. 2019 American Transplant Congress, Boston, MA, May 2019.
191. Hope in Action: A Multicenter Prospective Study of HIV to HIV Kidney Transplantation. Durand C, Huprikar S, Bowring M, Brown D, Haydel B, Desai N, Gilbert A, Cooper M, Massie A, Florman S, Segev D. 2019 American Transplant Congress, Boston, MA, May 2019.
192. Kidney Paired Donation Transplant Outcomes: Experiences from the First Ten Years of the National Kidney Registry. Leeser D, Thomas A, Shaffer A, Veale J, Massie A, Cooper M, Kapur S, Turgeon N, Segev D, Waterman A, Flechner S. 2019 American Transplant Congress, Boston, MA, May 2019.

Abstracts (Continued):

192. No Plan is a Bad Plan! Results of the American Society of Transplantation Living Donor Community of Practice Workgroup Survey on Disaster Planning Following a Living Donor Death. Henderson M, Van Pilsun Rasmussen E, Waldram M, Lentine K, Mandelbrot D, Hays R, Maluf D, Cooper M. 2019 American Transplant Congress, Boston, MA, May 2019.

193. Organ Procurement Organization and Donor Factor Related Variation in Deceased Donor Kidney Biopsies and Discards: A National Practice Pattern Analysis. Lentine K, Naik A, Schnitzler M, Randall H, Wellen J, Kasiske B, Marklin G, Brockmeier D, Cooper M, Xiao H, Zhang Z, Gaston R, Rothweiler R, Axelrod D. 2019 American Transplant Congress, Boston, MA, May 2019.

194. Social Loafing: Distribution of Kidneys with Multiple Arteries in a National Paired Kidney Exchange Program. Roll G, Irish W, Cooper M, Ronin M, Hil G, Waterman A, Leeser D. 2019 American Transplant Congress, Boston, MA, May 2019.

195. The End of Non-Directed Kidney Donation: The National Kidney Registry's Family Voucher Program. Cooper M, Leeser D, Flechner S, Verbesey J, Ronin M, Hil G, Waterman A, Veale J. 2019 American Transplant Congress, Boston, MA, May 2019.

196. The Incidence of Fungal Infections in Pancreas Transplant Recipients in the Absence of Systemic Anti-fungal Prophylaxis. Shaikh S, Cooper M, Nolan A, Abrams P. 2019 American Transplant Congress, Boston, MA, May 2019.

197. Unhinged or Unselfish: A Deep Dive into Non-Directed Donors. Verbesey J, Williams M, Ghasemian S, Bacigalupo A, Gilbert A, Vranic G, Javaid B, Cooper M, Marsh A. 2019 American Transplant Congress, Boston, MA, May 2019.

198. ANG-3777, a Hepatocyte Growth Factor Mimetic, Significantly Improves Outcomes in Patients with Delayed Graft Function: Results from a Randomized Double-blind Placebo Controlled Phase 2 Trial with 12-month Follow-up. Bromberg J, Weir M, Gaber O, Brown B, Goldberg I, Yamin M, Mayne T, Cooper M. American Society of Nephrology, Washington DC, Nov 2019.

Invited Publications:

1. Cooper M. National Kidney Foundation's End the Wait Campaign – A Physician's Perspective 2009.
2. Manitpiskitul W, Cooper M. Mycophenolic acid agents: is enteric coating the answer? *Trans Research Risk Mgmt* 2010.
3. Cooper M, Forland C. The Elderly As Recipients of Living Donor Kidneys: How Old is Too Old? *Curr Opin Trans* 16(2): 250-5, 2010.
4. Dew MA, Cooper M. Successful Follow-up of Living Donors: Strategies to Make it Happen. *Prog Trans* 21(2): 94-96, 2011.
5. Cooper M. Just Because You Can, Doesn't Mean You Should...Because Many of Us Really Can't! *Arch Surg* 146(7): 850, 2011.
6. Scalea J, Cooper M. Surgical Strategies for Type 2 Diabetes. *Transplant Rev* 2011.
7. Scalea J, Cooper M. Current Status of Kidney/Pancreas Combined Transplantation. *J Intens Care Med* 2011.
8. Weems P, Cooper M. Pancreatic Transplantation in Type 2 Diabetes. *World J Transplant* 4(4): 216-221, 2014.
9. Cooper M. Generic Medications and your Kidney Transplant. National Kidney Foundation 2015.
10. Abrams P, Cooper M, Odorico J. The Road Less Traveled: How to Grow a Pancreas Transplant Program. *Curr Opinion Trans* 23(4): 440-447, 2018.
11. Hanlon M, Cooper M, Abrams P. Quality of Life After Pancreas Transplant: Time to Look Again. *Curr Opin Organ Transplant* 2019.
12. Odorico J, Cooper M, Dunn T. Where Have All the Pancreas Transplants Gone and What Needs to Change? *Curr Trans Reports* 2019.

Book Chapters:

1. Cooper M, Hawxby A. Vascular Access. In: Current Surgical Therapy, 8th Edition. St. Louis, MO: Mosby-Year Book, Inc, 2004: 828-830.
2. Bartlett S, Cooper M. Expanded Criteria Donors. In: Principles of Transplantation. Wiley and Sons, 2012

Book Chapters (Continued):

3. Barth R, Cooper M. Single-Site Minimally Invasive Surgery: What is Currently Possible? In: Current Surgical Therapy, 11th Edition. Elsevier, Inc. 2013
4. Verbesey J, Cooper M. Simultaneous Paired Kidney Exchange. In: Kidney Transplantation: Practical Guide to Management. Springer Science, New York 2014.
5. Gilbert A, Grafals M, Timofeeva O, Zaheer M, Karabala A, Rosen-Bronson S, Li D, Awwad M, Abrams P, Moore J, Javaid B, Verbesey J, Ghasemian S, Cooper M. Pre-empting Antibody Mediated Rejection: A Program of DSA Monitoring and Treatment Can Effectively Prevent Antibody Mediated Rejection. Clinical Transplants 2016. Elsevier, Inc. 2016.
6. Morales M, Cooper M, Abrams P, Timpone J. Overview of Infections in Kidney and Pancreas Transplant Recipients. Springer, 2017.
7. Vijay A, Cooper M, Abrams P. When Should Preemptive Solitary Pancreas Transplant Be Considered For a Patient with Type 1 Diabetes Mellitus? In: Hepato-Pancreato-Biliary and Transplant Surgery: Practical Management of Dilemmas. Elsevier, Inc. 2017.
8. Merola J, Cooper M, Kulkarni S. Living Donor Nephrectomy: Approaches, Innovations, and Outcomes. In: Living Kidney Donation. Springer International Publishing. 2019.
9. Morales M, Cooper M, Abrams P, Timpone J. Infections in Kidney and Pancreas Transplantation. In: Principles and Practice of Transplant Infectious Diseases. Springer International Publishing. 2019.

Oral Presentations:

1. Myocardial Nuclear Factor KappaB (NF-κB) Activity and Nitric Oxide Production in Rejecting Cardiac Allografts
 - The American Society of Transplant Surgeons' 23rd Annual Scientific Meeting. Chicago, IL. May, 1997.
Milwaukee Academy of Surgeons Resident Research Presentation Night. Milwaukee, WI. March, 1997.
 - MCW Department of Surgery Clinic Day. Milwaukee, WI. April, 1997.
2. Effects of Nitric Oxide Scavenging and Inhibition of NF-κB Activity on Cardiac Allograft Survival. Surgical Forum, American College of Surgeons' 83rd Annual Clinical Congress. Chicago, IL. October, 1997.
3. Long Term Allograft Survival with Nitric Oxide Scavenging. Wisconsin Surgical Society Annual Fall Meeting. Madison, WI. October, 1997.
4. Antioxidant Therapy with Low Dose Cyclosporine Enhances Allograft Survival and Promotes Tolerance. Medical College of Wisconsin Robert E. Condon Research Awards. Milwaukee, WI. June, 1998.
5. Expanded Criteria Donors. ABC's of Renal Transplantation – CME course. Towson, MD. Feb. 2004.
6. Positive Crossmatch and ABO-incompatible Kidney Transplantation. Canadian Society of Xenotransplantation. Ontario, Canada. May 2004.
7. Teaching Residents about Palliative Care. Palliative Care: What Every Surgeon Needs to Know. Baltimore, MD. May, 2005.
8. Laparoscopic Donor Nephrectomy for Transplantation: 10 Years and 1000 Consecutive Cases. World Transplant Congress. Boston, MA. July, 2006.
9. Outcomes Following Vascular Reconstruction for 1000 Consecutive Laparoscopic Donor Nephrectomies. World Transplant Congress. Boston, MA. July, 2006.
10. Living Kidney Donor Relationship in Caucasian and African-American Populations and Implications For Targeted Donor Education Programs. Academic Surgical Congress. Phoenix, AZ, Feb, 2007.
11. Transplant 101: Background for Transplant Nursing Professionals. Baltimore, MD. May 2007.

Oral Presentations (Continued):

12. Impact of Induction Agents on Renal Recipient Outcomes of the First 1000 Laparoscopic Donor Nephrectomies at a Single Institution. American Transplant Congress. San Diego, CA, May 2007.
13. Renal Transplantation in ESRD with Cirrhosis. ASTS/AST Combined Kidney/Liver Transplant Consensus Conference. Chicago, IL. Sept. 2007.
14. New Life. New Challenges. Life Following Transplantation. Transplant Patient Support Group. Baltimore, MD. Nov. 2007.
15. As Kidney Transplantation Moves Toward 2009: A View of Potential Advances and the Ongoing Challenges. Novartis Advisory Board Meeting. Dallas, TX. Nov. 2007.
16. Successful Simultaneous Bilateral Native Nephrectomy and Living Donor Renal Transplantation for Autosomal Dominant Polycystic Kidney Disease. Academic Surgical Congress. Huntington Beach, CA, Feb. 2008.
17. Risk Factors for Delayed Graft Function in Living Donor Transplantation. American Transplant Congress. Toronto, June 2008.
18. Shifting Focus Toward Long-Term Outcomes in Kidney Transplantation. Novartis Advisory Board Meeting. Chicago, IL, June 2008.
19. Approaches to Optimizing Immunosuppression Regimens to Improve Long-Term Outcomes. Novartis Advisory Board Meeting. Chicago, IL, June 2008.
20. Outcomes of African-American Living Kidney Donors. International Transplant Congress. Sydney, AUS, Aug. 2008.
21. Volume-Outcome Relationships in the Procurement of Transplantable Deceased Donor Organs. Academic Surgical Congress. Fort Myers, Florida, Feb. 2009.
22. Outcomes Associated with Dose Manipulations of Enteric-Coated Mycophenolate Sodium (EC-MPS) vs. Mycophenolate Mofetil (MMF) in Renal Transplantation. American Transplant Congress. Boston, June 2009.
23. When Zero-Mismatch Means Zero: The Hazards of Our Deceased Donor Allocation System. American Transplant Congress. Boston, June 2009.
24. Valuable Lessons Learned in Pancreas Re-Transplantation over a 20-year Period. IPITA. Venice, Italy, Oct 2009.

Oral Presentations (Continued):

25. Diannexin, a Novel Ischemia/Reperfusion Therapeutic Agent, Reduces Delayed Graft Function (DGF) in Renal Transplant Recipients from Marginal Donors. San Diego, CA, American Transplant Congress. May 2, 2010.
26. When Asking Too Much Leaves Too Little: An Analysis of Obese Living Kidney Donors To Assess the Risk of Hypertension and Adverse Renal Outcomes at a Single Institution. San Diego, CA, American Transplant Congress. May 3, 2010.
27. Living Kidney Donor Relationships in Caucasian and African American Populations and Implications for Targeted Donor Education Programs. Vancouver, CA, XXIII International Congress of the Transplantation Society. Aug 16, 2010.
28. Treatment with Diannexin Post-Reperfusion Decreases DGF and Improves GFR in Renal Transplant Recipients of Marginal Kidney Donors. Vancouver, CA, XXIII International Congress of the Transplantation Society. Aug 16, 2010.
29. A 12-month Single Center Evaluation of GI-complications In Renal Transplant Recipients Initiated on Mycophenolic Acid Therapy. Vancouver, CA, XXIII International Congress of the Transplantation Society. Aug 19, 2010.
30. Portal v. Systemic Drainage of Solitary Pancreas Transplantation: New Views on Old Concepts. Prague, Czech Republic. International Pancreas and Islet Transplantation Association. June 3, 2011.
31. Incidence of Wound Events and Lymphocele Formation with *De Novo* Everolimus Use: The Result of 3 RCTs. Boston, MA, American Transplant Congress. June 1, 2012.
32. Early Graft Losses in the NKR: Gone But Lost Forever. Seattle, WA. American Transplant Congress. June 3, 2018.
33. The End of Non-Directed Kidney Donation: The National Kidney Registry's Family Voucher Program. Boston, MA. American Transplant Congress. June 4, 2019.

Published Multimedia:

1. Maryland Health Today – Living Kidney Donors. May 2008.
2. PeerView Press - Comparing MPAs for Renal Transplant Recipients In a Real World Setting: An Expert's Perspective. www.peerviewpress.com/n13 March 2010.
3. 'Ask A Doc' – Georgetown University Hospital Patient Information Program. Feb. 2013.
4. Kidney Transplantation: Ask Dr. Matthew Cooper. <https://www.youtube.com/watch?v=Y0XfaxC9cLM>. April 2013.

Invited Presentations:

1. Status of Living Donor Follow-up. Advisory Committee on Transplantation. Rockville, MD Nov. 2008.
2. Mycophenolic Acid in Solid Organ Transplantation. Chinese Society of Transplantation. Beijing, China, April 2009.
3. Living Donor Nephrectomy and Outcomes. UMMS Transplant Preceptorship, Baltimore, MD, May 2009.
4. In the Beginning, There Were Living Donors... American Foundation for Donation and Transplantation Living Kidney Donation Conference. Nashville, TN, Oct 8-9, 2009.
5. Understanding the Risks and Benefits of Living Donation. American Foundation for Donation and Transplantation Living Kidney Donation Conference. Nashville, TN, Oct 8-9, 2009.
6. Metabolic Surgery for Non-Obese Patients with Type 2 Diabetes Mellitus. IPITA. Venice, Italy, Oct 13, 2009.
7. Current Status of the OPTN's Progress in Revising Living Donor Policies. *Transplant News* Webinar. October 22, 2009.
8. Living Donor Transplantation. University of Maryland Endocrinology Grand Rounds. Oct 29, 2009.
9. Introduction to Transplantation. Centers for Medicare and Medicaid Services, Transplant Center Surveyor Training. Baltimore, MD. December 8, 2009.
10. Working Together: The OPO and the Transplant Center. Centers for Medicare and Medicaid Organ Procurement Organization Surveyor Training. Baltimore, MD. Jan. 26, 2010.
11. Transplant Surgery: The Surgeon's Perspective. Bristol-Myers-Squibb Medical Team Training Session. Trenton, NJ. April 21, 2010.
12. Strategies to Improve Living Donor Follow-up. UNOS Transplant Management Forum. Orland, FL. April 22, 2010.
13. Current Status of UNOS Paired Kidney Exchange Program. UNOS Organ Procurement Organization National Meeting. Baltimore, MD. June 18, 2010.
14. Living Donor Transplantation. Living Legacy Foundation OPO. Baltimore, MD. June 30, 2010.

Invited Presentations (Continued):

15. Transplant Updates. Maryland's NP Educational Program. Baltimore, MD. November 9, 2010.
16. Life as a Transplant Surgeon. University of Maryland's Medical Student Surgical Interest Group. Baltimore, MD. March 9, 2011.
17. Kidney Allocation and Transplantation. St. Joseph's Hospital Medical Grand Rounds. Towson, MD. March 16, 2011.
18. Cardiac Workup for Kidney and Pancreas Transplant Candidates. University of Maryland Anesthesia Grand Rounds. Baltimore, MD. April 7, 2011.
19. Living Donor Nephrectomy. American Foundation for Donation and Transplantation Living Kidney Donation Conference. Bal Harbour, Fl. May 20, 2011.
20. What Should be Considered in Selecting an MPA Agent. Today and Tomorrow in Transplantation (T3 Symposium). Seoul, Korea May 28, 2011.
21. The 'Value' of Living Kidney Donation. Loyola College. Towson, MD. Jan 19, 2012.
22. A Day in the Life of a Transplant Surgeon. MD Mindset. San Diego, CA. Feb 1, 2012.
23. The Past, the Present, and the Future of Kidney Transplantation. The DC Chapter of the International Transplant Nurses' Society. Washington, DC. Dec. 13, 2012.
24. Growing Competitive Programs in the Current Environment. 2013 American Transplant Congress, Seattle, WA, May 21, 2013.
25. Clinical Trials for Attenuating Ischemia Reperfusion Injury. 2013 American Transplant Congress, Seattle, WA, May 22, 2013.
26. Steroid Avoidance Protocols in Kidney Transplantation. Sanofi Transplant Leadership Summit, Prague Oct. 4, 2013.
27. Pancreas Transplantation for Type 1 and Type 2 Diabetes. Transplant Fellow's Symposium, Washington, DC, Oct. 9, 2013.
28. Kidney Transplantation for the OR Professional. Georgetown University Hospital OR In-service, Washington, DC, Oct 24, 2013.
29. Expediting the Donor Evaluation. Overcoming Barriers for Living Donor Transplantation Consensus Conference, Chicago, Il June 6, 2014.

Invited Presentations (Continued):

30. The Basics of Transplantation. MWHC Anesthesia Grand rounds, Washington, DC Sept 2, 2014.
31. Ensuring Protected Status of Immunosuppressive Drugs for Part D Medicare Patients, House and Senate Advisory Committees, Washington, DC Sept 30, 2014.
32. Improving the Education and Efficiencies of Evaluation for Potential Living Donors: Summary of a Consensus Conference. American Transplant Congress, Phila, PA May 8, 2015.
33. Consensus Conference: Improving the Efficiencies of Living Donor Evaluations. 7th Annual Living Donation Conference, Clearwater, FL May 21, 2015.
34. Donor Decisions: A Surgeon's Perspective. 7th Annual Living Donation Conference, Clearwater, FL May 22, 2015.
35. State of the Art in Immunosuppression. Brazil's 2nd International Transplant Meeting, Sao Paulo, Brazil, August 22, 2015
36. Thymoglobulin with Delayed Introduction of CNIs for Delayed Graft Function. Brazil's 2nd International Transplant Meeting, Sao Paulo, Brazil, Aug. 22, 2015.
37. Steroid Free Regimens in Kidney Transplantation. Sanofi 2015 Global Transplant Summit. Berlin, Germany, Oct 9, 2015.
38. What Makes a Successful Living Donor Program. Independent Living Donor Advocate Network Seminar Series, April 19, 2016.
39. Innovative Strategies to Increase Living Donation. 8th Annual Living Donation Conference. Clearwater, FL, May 26, 2016.
40. Pancreatic Transplantation for Type 2 Diabetes. IPITA Informational Webinar, Feb 16, 2017.
41. Transplant and Donation Surgeries: What the Nephrologist Should Know. National Kidney Foundation's Spring Clinical Meeting. Orlando, FL, April 18, 2017.
42. What's Hot: What's New. 2017 American Transplant Congress. Chicago, IL, May 3, 2017
43. Decreasing Organ Discards- The State of the Problem. NKF Organ Discard Consensus Conference. Baltimore, MD, May 18, 2017.
44. Operationalizing a Living Donor and Paired Kidney Exchange Program: A Surgeon's Perspective. 9th Annual Living Donation Conference. Clearwater, FL, May 25, 2017.

Invited Presentations (Continued):

45. Alibis for Living Donors: An Absolute Necessity for Donor Protection. 9th Annual Living Donation Conference. Clearwater, FL, May 26, 2017.
46. Be Ready for Anything: Managing Catastrophic Living Donor Complications. 9th Annual Living Donation Conference. Clearwater, FL, May 26, 2017.
47. Strategies to Increase Surgeon and OR Availability for National Paired Kidney Exchange. National Kidney Registry's 2017 Clinical Summit. New York, NY, June 9, 2017.
48. Results of the NKF's National Consensus Conference to Reduce Organ Discards. National Kidney Foundation Board of Directors Meeting. New York, NY, June 10, 2017.
49. The Importance of Gratitude. MGUH Philanthropy Retreat. Rockville, MD, July 20, 2017.
50. Kidney Transplantation: The Best Option for Patients with CKD and ESRD. Medstar Franklin Square Medical Center's Resident Academic Half-Day, Baltimore, MD, Sept. 5, 2017.
51. What I Learned on the MPSC. Transplant Quality Institute 2017. Charlotte, NC, Oct 12, 2017.
52. Strategies to Engage Physicians in Transplant Quality. Transplant Quality Institute 2017. Charlotte, NC, Oct 13, 2017.
53. The US Experience with DCD Kidney Transplantation. Chinese Transplantation Society. Hunan, China, Oct 28, 2017.
54. The Role of MPA in Clinical Kidney Transplantation. Chinese Transplantation Society. Hunan, China, Oct 28, 2017.
55. MGTI Kidney Transplant Program: A Strategic Success Story. Medstar Health Strategic Planning Committee. Medstar Corporate Offices. Columbia, MD, Nov 10, 2017.
56. Transplantation 2017: Live Longer, Live Better. Rockville Jewish Community Center. Rockville, MD, Nov 14, 2017.
57. MGTI Kidney Transplant Program; It Takes a Village. Georgetown University Dept. of Medicine Grand Rounds. Washington, DC, Dec 7, 2017.
58. Regulatory and Financial Considerations That Impact Transplant Center Practice – What Changes Would Increase Transplantation? AST Winter Symposium. Phoenix, AZ, Feb 10, 2018.
59. Understanding the Deceased Donor Kidney Allocation System. NKF of Maryland and NCA Patient Education Conference. Baltimore, MD, Mar 25, 2018.

Invited Presentations (Continued):

60. Innovative and Practical Ways to Increase Living Donation. National Kidney Foundation Annual Spring Clinical Meeting. Austin, TX. April 14, 2018.
61. Potential Solutions to Maximize Kidney Discard Utilization. UNOS Transplant Management Forum. Austin, TX. April 25, 2018.
62. Understanding the Role of the MPSC. UNOS Grand Rounds. Richmond, VA, June 14, 2018.
63. Partnering with AOPO to Increase Opportunities for Kidney Transplantation. Association of Organ Procurement Organizations (AOPO) Annual Meeting. Washington, DC, June 19, 2018.
64. How to Develop a Successful Living Donor Kidney and Paired Kidney Exchange Program. 21st Annual Transplant Administrators Meeting. Coronado, CA, Sept. 7, 2018.
65. Increasing Utilization to Maximize the Gifts – A Broader View. Donate Life America’s Annual Conference. Portland, OR, Oct 4, 2018.
66. Living Donor Programs – How to Manage Quantity of the Highest Quality. Transplant Quality Institute 2018. Minneapolis, MN. Oct 11, 2018.
67. Physician Engagement in Transplant Quality – Teaching Dogs New Tricks. Transplant Quality Institute 2018. Minneapolis, MN. Oct 11, 2018.
68. Transplant Surgical Physician Leadership – ASTS Winter Meeting 2019. Miami Beach, FL. Jan 11, 2019.
69. Solutions to Maximize Kidney Utilization: Results of the NKF’s Consensus Conference to Minimize Kidney Discards. 2019 CMS Quality Conference. Baltimore, MD. Jan 30, 2019.
70. The US Experience with Pancreas Transplant for Type 2 Diabetics. 1st Annual Asian Pancreatic and Islet Cell Transplantation Association. Seoul, S. Korea. Feb 22, 2019.
71. Technical Advances in Solid Organ Pancreas Transplantation. 1st Annual Asian Pancreatic and Islet Cell Transplantation Association. Seoul, S. Korea. Feb 23, 2019.
72. The US and MGTI Experience in Pancreas Transplantation for Type II Diabetes. Kaiser National Transplant Services Kidney Clinical Team. March 20, 2019.
73. OPTN/UNOS Living Donor Policy Development. Johns Hopkins Research Grand Rounds. Baltimore, MD March 25, 2019.
74. Solving the Kidney Discard Crisis. Optum Health Essentials of Solid Organ and Blood/Marrow Transplant Management. Scottsdale, AZ. Apr 11, 2019.

Invited Presentations (Continued):

75. The Future of Organ Transplantation. YPO/Medstar Transplant Forum. Washington, DC. Apr 25, 2019.
76. The Changing Landscape of ESRD and Living Donation. 11th Annual Living Donor Conference: Essential Donor Team Concepts. Clearwater Fl. Apr 30, 2019.
77. Surgical Overview of Living Donation. 11th Annual Living Donor Conference: Essential Donor Team Concepts. Clearwater FL. May 1, 2019.
78. Are You Kidding Me? Transplanting the Old, the Frail, the Medically/Surgically Complex Patient. National Kidney Foundation Spring Clinical Meeting. Boston, MA. May 10, 2019.
79. Preliminary Report of the OPTN/UNOS Ad Hoc Systems Improvement Committee. UNOS Transplant Management Forum. Orlando FL. May 15, 2019.
80. Insurance Organizations and Ensurance of Transplant Health Care, Role of Lobbying and Legislation. Boston, MA. American Transplant Congress. June 2, 2019.
81. Family Vouchers: Expanding Kidney Transplantation and the Next Great Thing! Boston, MA. American Transplant Congress. June 2, 2019.
82. Is Pancreatic Transplant Surgery a Cure for All Diabetics? Boston, MA. American Transplant Congress. June 3, 2019.
83. Regulation and Stewardship for Pancreas Transplant Programs. Boston, MA. American Transplant Congress. June 4, 2019.
84. Challenges We are Facing and Potential Solutions. Houston, Tx. Association for Organ Procurement Organizations (AOPO). June 18, 2019.
85. Update on the MPSC and the UNOS-sponsored Systems Performance Improvement Task Force. Arlington, VA. UNOS Region 2 Collaborative. Sept 5, 2019.
86. Building a Successful Living Donor and Paired Kidney Exchange Program: An Opportunity for Both Donors and Recipients. Denver, CO. 34th Annual Society of Transplant Social Workers Conference. Oct. 16, 2019.
86. Antifungal Prophylaxis Following Solid Organ Pancreas Transplantation. Pisa, Italy. First World Consensus Conference on Pancreas Transplantation. Oct. 19, 2019.
87. Driving Collaborative Performance Improvement. Memphis, TN. Donate Life America Annual Conference. Oct 22, 2019.

88. Surgical Aspects of Pancreas Transplantation. Merida, Mexico. XXV Latin American and Caribbean Transplant Congress. Oct 23, 2019.

89. Current State of Pancreas Transplantation. Merida, Mexico. XXV Latin American and Caribbean Transplant Congress. Oct 24, 2019.