

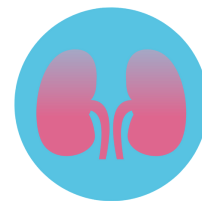
Basic Research Forum for Emerging Kidney Scientists

A Partnership between ASN and APS

Virtual Forum
Fall 2021

Conference Program





03

PROGRAM SCHEDULE

All times in Pacific Daylight Time (UTC -7)

04

SPECIFIC AIMS WORKSHOP

Keynote Lecture - Grant Writing Skills

05

SPECIFIC AIMS WORKSHOP

Small Groups

06

ABSTRACTS SESSION 1

Tubular Transport and Electrolytes

07

ABSTRACTS SESSION 2

Glomerular Disease and Immunology

08

ABSTRACTS SESSION 3

*Acute Kidney Injury
and Polycystic Kidney Disease*

09

NETWORKING PANEL

Small Group Panel Discussions

10

LEADERSHIP & ACKNOWLEDGMENTS

PROGRAM SCHEDULE

• FALL 2021 •
• PACIFIC DAYLIGHT TIME (UTC -7) •

FIRDAY, OCTOBER 22ND

10:00 am - 11:30am PDT

Grant Writing Keynote Lecture

Dr. Robert D. Toto, MD

WEEK OF OCTOBER 25TH

Individual Group Meetings

Specific Aims Workshops

MONDAY, NOVEMBER 1ST

8:00 am - 12:00 pm PDT

Abstract Based Oral Presentations

- 8:00 AM Abstracts Session 1**
Tubular Transport and Electrolytes
- 9:30 AM Abstract Session 2**
Glomerular Disease and immunology
- 10:55 AM Abstracts Session 3**
Acute Kidney Injury and Polycystic Kidney Disease

FRIDAY, NOVEMBER 5TH

12:45 pm - 1:45 pm PDT

Networking Panels

FOR MORE INFORMATION PLEASE VISIT AND / OR CONTACT US AT:

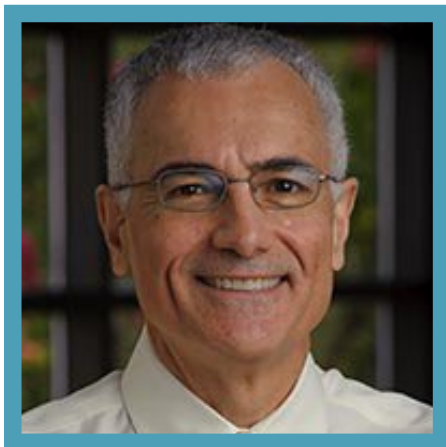
Website: www.earlycareerkidney.org / **Email:** earlycareerkidney@gmail.com / **Twitter:** @earlykidney

**KEYNOTE LECTURE:
GRANT WRITING & SPECIFIC AIMS**

**FRIDAY, OCTOBER 22ND
10:00 AM - 11:30 AM PDT**

Organized by Career Development/Grant Writing Subcommittee
Basic Research Forum for Emerging Kidney Scientists

LECTURE SPEAKER



DR. ROBERT TOTO

Professor of Internal Medicine
Associate Dean Translational Science and Education
Director, Center for Translational Medicine
University of Texas Southwestern Medical Center

MODERATOR



DR. RONAK LAKHIA

Assistant Professor
Department of Internal Medicine
Division of Nephrology
University of Texas Southwestern Medical Center



Specific Aims Workshop

Small Groups Sessions

Mentor / Coordinator / Time

Participants

Mentor: Jennifer Sullivan
Coordinator: Matthew Sparks
 Oct 27, 12-1pm PDT

Corinne Farrell
 Matthew Tolerico

Mentor: Jeff Sands
Coordinator: Ronak Lakhia
 Oct 26, 8-9am PDT

Alla Mitrofanova
 Annabel Biruete
 Rafiou Agoro

Mentor: Jeffrey Miner
Coordinator: Jing Wu
 Oct 28, 11am-12pm PDT

Jose Godoy
 Irene Chernova
 Janewit Wongboonsin

Mentor: Alexander Staruschenko
Coordinator: Matthew Sparks
 Oct 25, 8-9am PDT

Victoria Halperin Kuhns
 Hiroaki Kikuchi
 Dipak Maskey

Mentor: Alessia Fornoni
Coordinator: Ronak Lakhia
 Oct 25, 7-8am PDT

Crystal Archer
 Samar Reza
 Gaurav Kumar

Mentor: Kirk Campbell
Coordinator: Jing Wu
 Oct 29, 7-8am PDT

Ashley Griffin
 Anne Ramsey
 Riyaz Mohamed

Mentor: Judith Blaine
Coordinator: Michael Donnan
 Oct 26, 1-2pm PDT

Esther Liu
 Courtney Vishy

Mentor: Sarah Faubel
Coordinator: Aylin Rodan
 Oct 25, 10-11am PDT

Jessica Hebert
 Elizabeth Nguyen
 Gwenaëlle Begue

Please coordinate with your individual groups for meeting details

FACULTY MENTORS



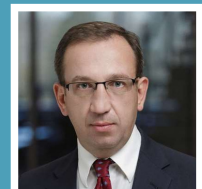
JENNIFER SULLIVAN, PHD
 Professor of Physiology
 Augusta University



JEFF SANDS, MD
 Professor of Medicine and Physiology
 Emory



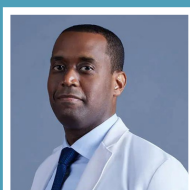
JEFFREY MINER, PHD
 Professor of Medicine and Physiology
 Washington University in St. Louis



ALEXANDER STARUSCHENKO, PHD
 Professor of Physiology
 University of South Florida



ALESSIA FORNONI, MD PHD
 Professor of Medicine
 University of Miami



KIRK CAMPBELL, MD
 Professor of Medicine
 Mount Sinai



JUDITH BLAINE, MD PHD
 Professor of Medicine
 University of Colorado



SARAH FAUBEL, MD
 Professor of Medicine
 University of Colorado



Abstract Presentations Session 1

Tubular Transport and Electrolytes

8:00 - 9:20 AM PDT

MODERATORS



EMAN GOHAR
Vanderbilt University



JIM MCCORMICK
Oregon Health and Sciences University

EBRAHIM TAHA EI

Post-Doctoral Fellow
Johns Hopkins University

The differential effect of dietary anions on Pendrin abundance in the high aldosterone state

CORINNE FARRELL

Student
University of Pittsburgh

Estrogen regulates miR-17~92 to alter sodium transport in the kidney distal nephron

TOBIAS JENSEN

Student
Aarhus University

Impaired urine base excretion in the secretin-receptor KO mouse

CRYSTAL ARCHER

Jr Faculty
UT Health San Antonio

Optogenetic control of PIP2-ENaC interactions

VICTORIA HALPERIN KUHNS

Post-Doctoral Fellow
University of Maryland School of Medicine

A Novel Model of Hyperuricemia via Inducible Uricase Knock-Out

FACULTY EXPERTS



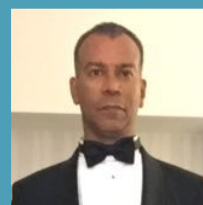
ORSON MOE, MD
Professor of Medicine and Physiology
University of Texas Southwestern



ALICIA MCDONOUGH, PHD
Professor of Physiology and Neuroscience
University of Southern California



MARK KNEPPER, MD PHD
Senior Investigator
NHLBI, National Institutes of Health



ROBERT HOOVER, MD
Professor of Medicine
Tulane University



PAUL WELLING, MD
Professor of Medicine
John Hopkins



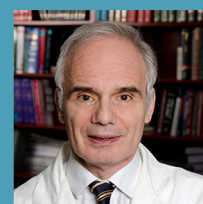
ROB FENTON, PHD
Professor of Molecular Cell Biology
Aarhus University



ELEANOR LEDERER, MD
Professor of Medicine
University of Texas Southwestern



JENNIFER POLLOCK, PHD
Professor of Medicine
University of Alabama at Birmingham



DEAN ASSIMOS, MD
Professor of Urology
University of Alabama at Birmingham



Abstract Presentations Session 2

Glomerular Disease and Immunology

MODERATORS



TANECIA MITCHELL
University of Alabama
at Birmingham



MYKOLA MAMENKO
Augusta University

9:30 - 10:45 AM PDT

DANIYAL JAFREE

Student
University College London

Interrogating the spatial and molecular profile of kidney lymphatic vessels in health and transplant rejection

TERUHIKO YOSHIDA

Post-Doctoral Fellow
NIDDK/NIH

Protein kinase R inhibition ameliorates mitochondrial dysfunction in the Tg26 HIV-associated nephropathy mouse model

SHIPRA AGRAWAL

Jr Faculty
Nationwide Children's Hospital and The Ohio State University

Selective PPAR γ Modulator with Reduced Adipogenic Potential Ameliorates Experimental Nephrotic Syndrome

JAMIE LIN

Jr Faculty
The University of Texas MD Anderson Cancer Center

Identification of tertiary lymphoid structures in immune checkpoint kidney related adverse events

HARINI SRINIVASAN

Student
University of Utah

Renal Dendritic Cells Contribute to Reactive Oxygen Species

FACULTY EXPERTS



RAY HARRIS, MD
Professor of Medicine and Molecular Physiology
Vanderbilt University



JAMES GEORGE, PHD
Professor of Surgery
University of Alabama at Birmingham



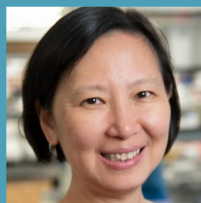
OLEG PALYGIN, PHD
Associate Professor of Medicine
Medical University of South Carolina



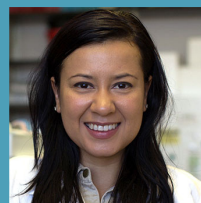
NAOKA MURAKAMI, MD PHD
Assistant Professor of Medicine
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ANDREW MALONE, MD
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Washington University in St. Louis



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Professor of Medicine, Surgery, Immunology
Duke University



ILSE DAEHN, PHD
Associate Professor of Medicine
Mount Sinai



BRAD ROVIN, MD
Professor of Nephrology
Ohio State University



Abstract Presentations Session 3

Acute Kidney Injury and Polycystic Kidney Disease

10:55 - 11:55 AM PDT

MODERATORS



ERYN DIXON
Washington University
in St. Louis



JERMAINE JOHNSTON
University of Florida

MATTHEW CHEUNG

Student
University of Alabama at Birmingham

Single-cell and Spatial Transcriptomics Reveal Distinct Subpopulations of Kidney Resident Macrophages in Acute Kidney Injury

ELIZABETH NGUYEN

Jr Faculty
Seattle Children's Hospital/University of Washington

The regenerative response to renal injury of the African spiny mouse is epigenetically regulated through H3K27 methylation

ZESERGIO MELO

Jr Faculty
Instituto Mexicano del Seguro Social

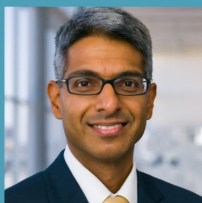
Prolactin Modulates Tissue Remodeling and Wound Healing Molecules Reducing Renal Ischemia-Reperfusion Injury

LAURA ONUCHIC

Post-Doctoral Fellow
Yale University

The C-terminal tail of polycystin-1 rescues cystic phenotype in a mitochondrial enzyme-dependent fashion

FACULTY EXPERTS



SAMIR PARIKH, MD
Professor of Medicine
University of Texas Southwestern



PAUL O'CONNOR, PHD
Professor of Physiology
Augusta University



SYLVIE BRETON, PHD
Professor of Medicine
Harvard Medical School



PETER HARRIS, PHD
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Mayo Clinic



ROY ZENT, MD PHD
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Vanderbilt University



AMBRA POZZI, PHD
Professor of Medicine, Cancer Biology, Physiology
Vanderbilt University



DAVID POLLOCK, PHD
Professor of Medicine
University of Alabama at Birmingham



Networking Panels

FRIDAY, NOVEMBER 5TH

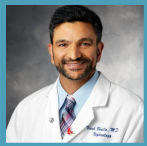
12:45 - 1:45 PM PST

(See separate email for link to individual breakout rooms)

Networking Small Group Panels

SESSION #1 -

SCIENTIFIC COMMUNITY SERVICE: HOW TO GET INVOLVED



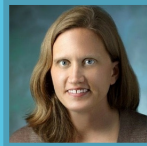
VIVEK BHALLA, MD



ERIKA BOESEN, PHD



DARIA ILATOVSKAYA
MS, PHD



JENNIFER PLUZNICK,
PHD

MODERATOR



MYKOLA MAMENKO
Augusta University

SESSION #2 -

ESTABLISH YOUR NETWORK BEFORE YOU NEED IT



KRZYSZTOF KIRYLUK, MD



KEISA MATHIS, PHD



CARMEN DE MIGUEL
PHD, MS



MINOLFA PRIETO
MD, PHD

MODERATOR



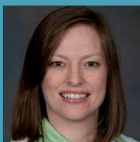
JENNIE LIN
Northwestern University

SESSION #3 -

CREATING A PERSONAL BRAND TO START YOUR INDEPENDENT CAREER



ALI GHARAVI, MD



MICHELLE GUMZ, PHD

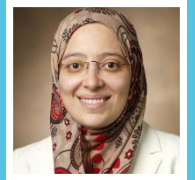


MARK KNEPPER
MD, PHD



CLINTORIA WILLIAMS,
PHD

MODERATOR



EMAN COHAR
Vanderbilt University

SESSION #4 -

WORKING ON THE BORDERLINE OF BASIC & TRANSLATIONAL RESEARCH



ANNA GREKA, MD, PHD



PETER HARRIS, PHD



KATALIN SUSZTAK, MD



PAUL WELLING, MD



JORDANA COHEN
MD, MSCE

MODERATOR



ELINOR MANNON
Augusta University

SESSION #5 -

LONG-TERM CAREER SUCCESS: PERSPECTIVES AND RETROSPECTIVES



ANUPAM AGARWAL, MD



BEN HUMPHREYS
MD, PHD



SHARON MOE, MD



LISA SATLIN, MD

MODERATOR



AYLIN RODAN
University of Utah



ORGANIZING COMMITTEE

2021

CHAIRS



AYLIN RODAN
University of Utah



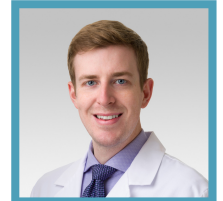
MATTHEW SPARKS
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JEAN-PHILIPPE BERTOCCHIO
Paris Descartes University



ERYN DIXON
Washington University in St. Louis



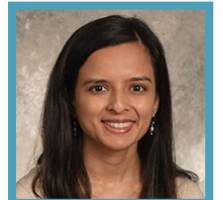
MICHAEL DONNAN
Northwestern University



EMAN GOHAR
Vanderbilt University



JERMAINE JOHNSTON
University of Florida



RONAK LAKHIA
University of Texas Southwestern



JENNIE LIN
Northwestern University



MYKOLA MAMENKO
Augusta University



ELINOR MANNON
Augusta University



TANECIA MITCHELL
University of Alabama at Birmingham



JAMES MCCORMICK
Oregon Health and Sciences University



JEANIE PARK
Emory University



JOSHUA REIN
Mount Sinai



JING WU
Medical College of Wisconsin

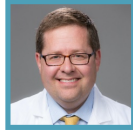


THANK YOU!

ORGANIZING COMMITTEES

ADMINISTRATIVE

Aylin Rodan
Matt Sparks



CAREER DEVELOPMENT

Jing Wu
Michael Donnan
Ronak Lakhia



NETWORKING

Mykola Mamenko
Elinor Mannon



ABSTRACTS AND PRESENTATIONS

Josh Rein
Mykola Mamenko
Jim McCormick
Eryn Dixon
Tanecia Mitchell
Eman Gohar
Jermaine Johnston



MEDIA AND COMMUNICATIONS

Mike Donnan
Elinor Mannon
Eryn Dixon
Jean-Philippe Bertocchio



THANK YOU TO OUR VOLUNTEERS

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Alexander Staruschenko
Alicia McDonough
Ambra Pozzi
Andrew Malone
Anna Greka
Anupam Agarwal
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