

# **Basic Research Forum for Emerging Kidney Scientists**

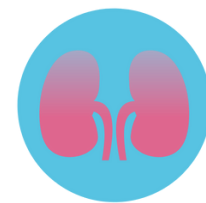
A Partnership between ASN and APS

Fall 2022

Conference Program



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# PROGRAM SCHEDULE

• FALL 2022 •  
• EASTERN DAYLIGHT TIME (UTC -4) •

## MONDAY, OCTOBER 31ST

11:00 am - 3:00 pm EDT

### Abstract Based Oral Presentations

- 11:00 AM Abstract Session 1**  
*Acute Kidney Injury and Glomerular Disease*
- 12:25 PM Abstract Session 2**  
*Chronic Kidney Disease  
and Polycystic Kidney Disease*
- 1:50 PM Abstract Session 3**  
*Kidney Development, Repair,  
Tubular Transport, and Hypertension*

## FRIDAY, NOVEMBER 4TH

10:30 am - 12:30 pm EDT

### Career Development Session

*Keynote Presentation  
Small Group Discussion Panels*

## FRIDAY, NOVEMBER 4TH

12:30 pm - 2:00 pm EDT

### Networking Lunch Groups

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

**Website:** [www.earlycareerkidney.org](http://www.earlycareerkidney.org) / **Email:** [earlycareerkidney@gmail.com](mailto:earlycareerkidney@gmail.com) / **Twitter:** @earlykidney

# Abstract Based Oral Presentations

October 31st, 2022  
Digital Forum



## MONDAY, OCTOBER 31ST

*11:00 am - 3:00 pm EDT*

*Digital Forum via [Zoom](#)*

*Meeting ID: 865 2075 3449*

*Passcode: 757582*

- |                 |   |
|-----------------|---|
| <b>11:00 AM</b> | <b>Abstract Session 1</b><br><i>Acute Kidney Injury and Glomerular Disease</i>                          |
| <b>12:25 PM</b> | <b>Abstract Session 2</b><br><i>Chronic Kidney Disease<br/>and Polycystic Kidney Disease</i>            |
| <b>1:50 PM</b>  | <b>Abstract Session 3</b><br><i>Kidney Development, Repair,<br/>Tubular Transport, and Hypertension</i> |

# Abstract Presentations Session 1

## Acute Kidney Injury and Glomerular Disease

11:00 AM - 12:10 PM EDT

### MODERATORS



**ANNE RAMSEY**

University of Alabama at  
Birmingham



**MYKOLA MAMENKO**

Augusta University

### **SAMAR REZQ**

Junior Faculty  
The University of Mississippi Medical Center

STAT3 Inhibition Ameliorates Renal Injury in Polycystic Ovary Syndrome.

### **JACQUELINE EMATHINGER**

Student  
Oregon Health & Science University

Elucidating the role of ACE2 in acute kidney injury.

### **NIRMALA PARAJULI**

Junior Faculty  
University of Arkansas for Medical Sciences

Cold storage-mediated global (phospho)proteome changes following kidney transplantation.

### **SOPHIE BLACKBURN**

Student  
University of Washington

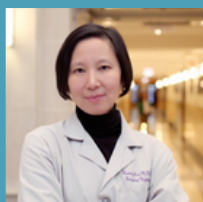
Differentiation of Human Kidney Organoids Within a Microfluidic Chip Promotes Podocyte-Endothelial Cell Interaction.

### **EMELIE LASSEN**

Fellow / Post-Doctoral Fellow  
Icahn School of Medicine at Mount Sinai

Targeting podocyte cytotoxic factor (PCF) with antisense oligonucleotides is a promising new approach to preserve filtration barrier function in a model of progressive glomerular disease.

### FACULTY EXPERTS



**XUNRONG LUO, MD PHD**  
Professor of Medicine and Surgery  
Duke University



**PAOLO CRAVEDI, MD PHD**  
Associate Professor of Medicine  
Icahn SOM at Mount Sinai



**NAOKA MURAKAMI, MD PHD**  
Assistant Professor of Medicine  
Brigham and Women's Hospital



**SANDEEP MALLIPATTU, MD**  
Professor of Medicine  
Stony Brook School of Medicine



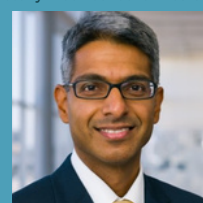
**ERIKA BOESEN, PHD**  
Associate Professor of Physiology  
University of Nebraska



**PAUL O'CONNOR, PHD**  
Professor of Physiology  
Augusta University



**ANUPAM AGARWAL, MD**  
Professor of Medicine  
University of Alabama at Birmingham



**SAMIR PARIKH, MD**  
Professor of Medicine  
UT Southwestern Medical Center



# Abstract Presentations Session 2

## Chronic Kidney Disease and Polycystic Kidney Disease

### MODERATORS



**JERMAINE JOHNSTON**  
University of Florida



**TANECIA MITCHELL**  
The University of Alabama at  
Birmingham

**12:25 - 1:35 PM EDT**

#### **AHMED ABDELHAMEED**

Student  
The University of Mississippi Medical Center

Metformin Modulates Intrarenal Renin-angiotensin System in a Rat Model of Polycystic Ovary Syndrome.

#### **YIJIN HUANG**

Student  
Emory University

The impact of BKa channel on cardiac fibrosis in chronic kidney disease.

#### **SUBIR KUMAR JUIN**

Fellow / Post-Doctoral Fellow  
University of Louisville

Alpha-glucosidase inhibitor mitigates fibrotic renal dysfunction in type-1 diabetes.

#### **UBONG EKPERIKPE**

Student  
The University of Mississippi Medical Center

Decreasing T-cell activation inhibits progressive renal injury in obese Dahl salt-sensitive rats before puberty.

#### **CHRISTINE KLEMENS**

Junior Faculty  
University of South Florida

Ion and Metabolite Composition of Cystic Fluid From a Rat Model of ARPKD.

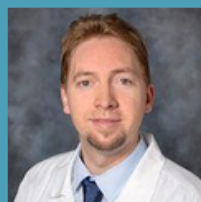
### FACULTY EXPERTS



**DARREN WALLACE, PHD**  
Professor of Physiology  
University of Kansas Medical Center



**THU LE, MD**  
Professor of Medicine  
University of Rochester Medical Center



**JORGE GIANI, PHD**  
Assistant Professor of Biomedical Sciences  
Cedars-Sinai Medical Center



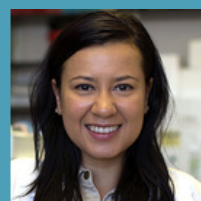
**ALISON KRIEGL PHD**  
Associate Professor of Physiology  
Medical College of Wisconsin



**SARAH FAUBEL, MD**  
Professor of Medicine  
University of Colorado



**MEENA MADHUR, MD PHD**  
Associate Professor of Medicine  
Vanderbilt University



**ILSE DAEHN, PHD**  
Associate Professor of Medicine  
Icahn SOM at Mount Sinai

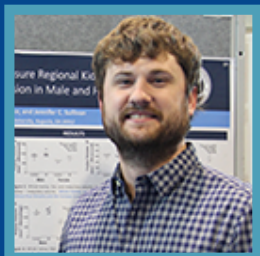




# Abstract Presentations Session 3

## Kidney Development, Repair, Tubular Transport, and Hypertension

### MODERATORS



**RYAN CRISLIP**  
University of Florida



**JIM MCCORMICK**  
Oregon Health & Science  
University

**1:50 - 3:00 PM EDT**

#### **FABIAN BOCK**

Junior Faculty  
Vanderbilt University Medical Center

**Rac1 promotes epithelial collecting duct repair by maintaining mitotic morphology.**

#### **GAL FINER**

Junior Faculty  
Northwestern University, Ann and Robert H. Lurie Children's Hospital

**Transcription Factor 21 is required for normal vascular development of the kidney.**

#### **HANNAH COSTELLO**

Fellow / Post-Doctoral Fellow  
University of Florida

**The Circadian Clock Protein PER1 is Important in Maintaining Endothelin Axis Regulation in Dahl Salt Sensitive Rats.**

#### **DIPAK MASKEY**

Junior Faculty  
Wayne State University

**CRISPR/Cas9-mediated suppression of the FSGS protein actinin-4 (ACTN4) in Thick Ascending Limbs (TALs) increases NaCl reabsorption by regulating NKCC2 trafficking.**

#### **VICTORIA NASCI**

Fellow / Post-Doctoral Fellow  
Vanderbilt University Medical Center

**Novel Evidence for an Enhanced Intrarenal Machinery of Estrogen Biosynthesis in the Female Rat Kidney.**

### FACULTY EXPERTS



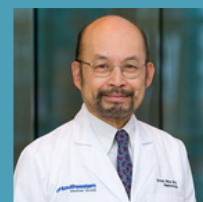
**ALICIA MCDONOUGH, PHD**  
Professor of Physiology and Neuroscience  
University of South California



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



**TOM KLEYMAN, MD**  
Professor of Medicine and Cell Biology  
University of Pittsburgh



**ORSON MOE, MD**  
Professor of Medicine and Physiology  
UT Southwestern Medical Center



**ROB FENTON, PHD**  
Professor of Biomedicine  
Aarhus University



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



**JOO-SEOP PARK, PHD**  
Associate Professor of Surgery  
Cincinnati College of Medicine



# Career Development Session

November 4th, 2022  
At ASN Kidney Week  
Orlando, Florida



**FRIDAY, NOVEMBER 4TH**

*10:30 am - 12:30 pm EDT*

*Room W221A - West Building  
Orlando County Convention Center*

**PART 1: Keynote Presentations:**

**Leadership and Management in Research**

*Dr. Benjamin Humphreys and Dr. Daria Ilatovskaya*

**PART 2: Career Development Tables**

*Join senior leaders and trainees/early career faculty for small group discussions on a broad range of topics.*



## LEADERSHIP AND MANAGEMENT IN RESEARCH

FRIDAY, NOVEMBER 4TH  
10:30 AM EDT - ROOM W221

### KEYNOTE SPEAKERS



#### DR. BENJAMIN HUMPHREYS

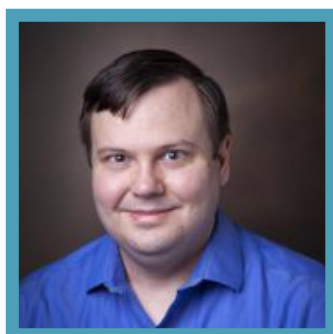
Joseph Friedman Professor of Renal Diseases in Medicine  
Chief, Division of Nephrology  
Washington University School of Medicine in St. Louis



#### DR. DARIA ILATOVSKAYA

Associate Professor of Physiology  
Medical College of Georgia  
Augusta University

### MODERATOR



#### DR. CRAIG BROOKS

Assistant Professor of Medicine and  
Cell & Developmental Biology  
Vanderbilt University Medical Center



# Career Development Tables

**FRIDAY, NOVEMBER 4TH**

**11:15 - 12:30 PM - ROOM W221**

**SMALL TABLE DISCUSSIONS**

**15 MINUTES PER SESSION**

## MODERATORS



JING WU, PHD  
UNIVERSITY OF ROCHESTER



MOHAMMAD SALEEM, PHD  
VANDERBILT UNIVERSITY

### TABLE - 1

MENTAL HEALTH / WORK LIFE CONTINUUM



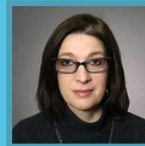
KELLY HYNDMAN, PHD



SHAYNA BRADFORD, PHD

### TABLE - 6

NIH PROGRAM OFFICERS\*



CHRISTINE MARIC-BILKAN, PHD



TRACY RANKIN, PHD



CHRISTIAN KETCHUM, PHD

### TABLE - 2

CONFLICT RESOLUTION



LEAH SISKIND, PHD



LAUREN WOODARD, PHD

### TABLE - 7

GETTING INTO RESEARCH AS AN MD



SUSHRUT WAIKAR, MD



MONICA CHANG-PANESSO, MD



ROBERT HOOVER, MD

### TABLE - 3

COLLABORATIONS / NETWORKING



JEFF SANDS, MD



CARMEN DE MIGUEL, PHD

### TABLE - 8

DIVERSITY, EQUITY, AND INCLUSION



PABLO ORTIZ, PHD



TANECIA MITCHELL, PHD



CESAR ROMERO, MD PHD

### TABLE - 4

LAB CULTURE / BUDGETING & HIRING



BENJAMIN FREEDMAN, PHD



ERICA CLINKENBEARD, PHD

### TABLE - 9

HOW TO BECOME A MENTOR



PAUL WELLING, MD



MICHELLE GUMZ, PHD

### TABLE - 5

NEGOTIATING / PICKING AN INSTITUTION



RAY HARRIS, MD PHD



MEGAN NOONAN, PHD

### TABLE - 10

SOCIAL MEDIA



KATALIN SUSZTAK, MD PHD



DANIYAL JAFREE, MB/PHD STUDENT

\*SUBJECT TO TRAVEL AVAILABILITY



# Networking Lunches

November 4th, 2022  
Orlando, Florida



**FRIDAY, NOVEMBER 4TH**

*12:30 pm - 2:00 pm EDT*

*Room W221- West Building  
Orlando County Convention Center*

## **Small Group Lunches:**

All participants are welcome to join for small group networking lunches after the career development event.

Groups will be arranged based on interested participants at the final career development tables from the preceding session. For those joining only for the peer lunch groups, please meet us outside of room W221 and join a group.

***All attendees are responsible for the cost of their own lunch. Food is not provided at this event.***

# ORGANIZING COMMITTEE

## CHAIRS



**JING WU**

University of Rochester



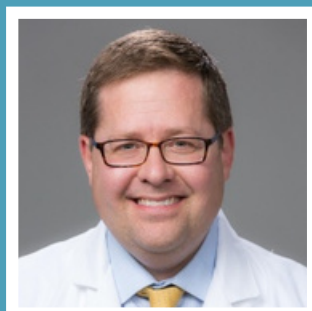
**MICHAEL DONNAN**

Northwestern University



**AYLIN RODAN**

University of Utah



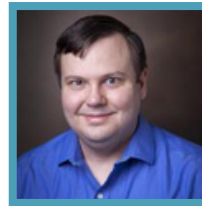
**MATTHEW SPARKS**

Duke University



**ANNE RAMSEY**

University of Alabama at Birmingham



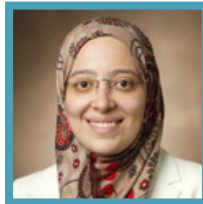
**CRAIG BROOKS**

Vanderbilt University



**ELINOR MANNON**

Augusta University



**EMAN GOHAR**

Vanderbilt University



**ERYN DIXON**

Washington University in St. Louis



**JEREMIAH AFOLABI**

The University of Tennessee



**JERMAINE JOHNSTON**

University of Florida



**JIM MCCORMICK**

Oregon Health & Sciences University



**JOSHUA REIN**

Icahn SOM at Mount Sinai



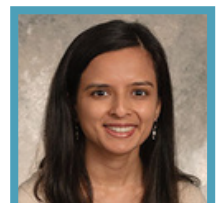
**MOHAMMAD SALEEM**

Vanderbilt University



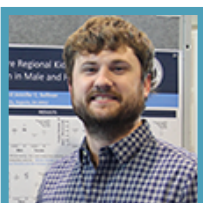
**MYKOLA MAMENKO**

Augusta University



**RONAK LAKHIA**

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**RYAN CRISLIP**

University of Florida



**SELENE COLON**

Vanderbilt University



**TANECIA MITCHELL**

University of Alabama at Birmingham

# 2022



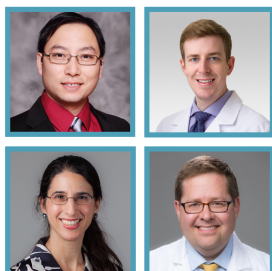


# THANK YOU!

## ORGANIZING COMMITTEES

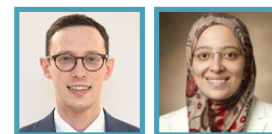
### ADMINISTRATIVE

Jing Wu  
Mike Donnan  
Aylin Rodan  
Matt Sparks



### ABSTRACTS AND PRESENTATIONS

Josh Rein  
Eman Gohar  
Mykola Mamenko  
Jim McCormick  
Ronak Lakhia  
Tanecia Mitchell  
Jermaine Johnston  
Ryan Crislip  
Anne Ramsey



### CAREER DEVELOPMENT

Craig Brooks  
Eryn Dixon  
Ellie Mannon  
Jeremiah Afolabi  
Mohammad Saleem



### MEDIA AND COMMUNICATIONS

Mohammad Saleem  
Selene Colon  
Anne Ramsey



## THANK YOU TO OUR VOLUNTEERS

Andrew Terker  
Bryan Becker  
Chris Klemens  
Daniyal Jafree  
Erin Taylor  
Florian Buerger  
John Henry Dasinger  
Juan Arroyo  
Justin van Beusecum  
Justine Abais-Battad  
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Yong Liu  
Zhengrong Guan

Alicia McDonough  
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Anupam Agarwal  
Ben Humphreys  
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Cesar Romero  
Christian Ketchum  
Christine Maric-Bilkan  
Daniyal Jafree  
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Sushrut Waikar  
Tanecia Mitchell  
Thu Le  
Tom Kleyman  
Tracy Rankin  
Xunrong Luo

### SPECIAL THANKS TO:

Paul Welling  
Jeff Sands  
David Ellison  
Rob Fenton  
Dennis Brown  
Anupam Agarwal

And to Jin-Soo Kim with  
the American Society of  
Nephrology

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