



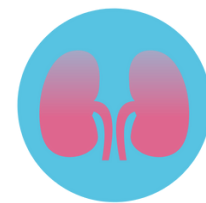
Basic Research Forum for Emerging Kidney Scientists

A Partnership between ASN and APS

Fall 2023

Conference Program





03

PROGRAM SCHEDULE

All times in Eastern Daylight Time (UTC -4)

04

ABSTRACT ORAL PRESENTATIONS

October 30th - starting at 11:00 AM EDT

05

ORAL ABSTRACT SESSION 1

Acute Kidney Injury - 11:00 AM - 12:25 PM EDT

06

ORAL ABSTRACT SESSION 2

Chronic Kidney Disease - 1:40 PM - 2:45 PM EDT

07

ORAL ABSTRACT SESSION 3

Hypertension and Electrolyte Transport - 2:50 - 3:55 EDT

08

CAREER DEVELOPMENT SESSION

October 30th from 12:30 PM - 1:30 PM EDT

09

CAREER DEVELOPMENT SESSION

From Student to PI: Perspectives on Careers at Different Stages

10

LUNCH NETWORKING SESSION

Small Group Lunches with Peers

11

LEADERSHIP & ACKNOWLEDGMENTS

PROGRAM SCHEDULE

• FALL 2023 •
• EASTERN DAYLIGHT TIME (UTC -4) •

MONDAY, OCTOBER 30TH

11:00 am - 4:00 pm EDT

Abstract Based Oral Presentations And Career Development Session

11:00 AM Oral Abstract Session 1

Acute Kidney Injury

12:30 PM Career Development Session

*From Student to PI: Perspectives on
Careers at Different Stages*

Lunch Break

1:40 PM Oral Abstract Session 2

Chronic Kidney Disease

2:50 PM Oral Abstract Session 3

Hypertension and Electrolyte Transport

FRIDAY, NOVEMBER 3RD

12:30 pm - 2:30 pm EDT

Networking Lunch Groups (Limited seating event)

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

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

Abstract Based Oral Presentations

October 30th, 2023
Digital Forum



MONDAY, OCTOBER 30TH

11:00 am - 4:00 pm EDT

*Digital Forum via **Zoom***

*-Please see separate email for zoom information-
(Please ensure your full name is listed on zoom)*

11:00 AM Oral Abstract Session 1

Acute Kidney Injury

1:40 PM Oral Abstract Session 2

Chronic Kidney Disease

2:50 PM Oral Abstract Session 3

Hypertension and Electrolyte Transport

Top Talks Awards

- 6 Awards selected by panel experts.
- 4 People's Choice Awards voted by the audience.

Each awardee will receive a \$250 award generously sponsored by the *American Physiological Society*.

Top awardees in each category will also receive a BRF trophy designed and created by Dr. Craig Brooks!



Abstract Presentations Session 1

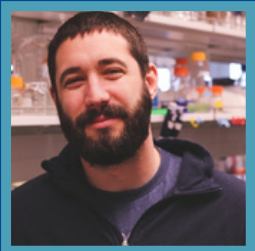
Acute Kidney Injury

MODERATORS



EMAN GOHAR

Vanderbilt University Medical
Center



RYAN CORNELIUS

Oregon Health & Science
University

11:00 AM - 12:25 PM EDT

Juan De Dios Ruiz Rosado

JUNIOR FACULTY

Nationwide Children's Hospital

Spatial multi-omic atlas of Acute Pyelonephritis.

Rebekah Nicholson

STUDENT

University of Utah

Ceramides as mediators of mitochondrial dysfunction driving kidney injury.

Yanting Chen

FELLOW / POST-DOCTORAL FELLOW

Duke University

Novel anti-inflammatory effects of IL-1 receptor in kidney myeloid cells following AKI.

Yoshio Funahashi

FELLOW / POST-DOCTORAL FELLOW

Oregon Health & Science University

Cardiac LIM protein (CSRP3), as a novel cardio-renal connector in acute cardiorenal syndrome related CKD progression.

Amanda Clark

FELLOW / POST-DOCTORAL FELLOW

University of Texas Southwestern

HNF4 α links PGC1 α to QPRT and de novo NAD⁺ biosynthesis.

Samaneh Gholami

FELLOW / POST-DOCTORAL FELLOW

Stony Brook Medicine

Activation of branched chain amino acid (BCAA) catabolism protect against acute kidney injury.

FACULTY EXPERTS



SAMIR PARIKH, MD

Professor of Medicine
UT Southwestern



JOO-SEOP PARK, PHD

Professor of Medicine
Northwestern University



AMBRA POZZI, PHD

Professor of Medicine
Vanderbilt University



JEFF SANDS, MD

Professor of Medicine
Emory University



Abstract Presentations Session 2

Chronic Kidney Disease

1:40 PM - 2:45 PM EDT

MODERATORS



HANNAH LU
Duke University



JERMAINE JOHNSTON
University of Florida

Jelina Basnet

STUDENT

The University of Mississippi Medical Center

Androgen receptor PROTAC degraders as a novel therapy for excess androgen-mediated renal injury in Polycystic Ovary Syndrome.

Antonio Fontanella

STUDENT

University of Miami

STING activation by mtDNA triggers podocyte injury in DKD.

Ahmed Abdelhameed

STUDENT

The University of Mississippi Medical Center

PEG-BHD1028, an adiponectin receptor agonist, attenuates renal injury and metabolic abnormalities in polycystic ovary syndrome.

Andrea Sanchez Navarro

FELLOW / POST-DOCTORAL FELLOW

University of Pennsylvania

Macrophage-specific deletion of cytosolic nucleotide sensors ameliorate kidney fibrosis and inflammation.

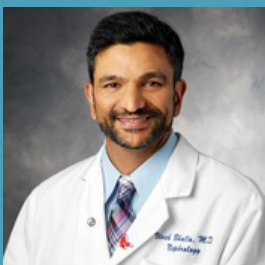
Alla Mitrofanova

JUNIOR FACULTY

University of Miami

SMPDL3b modulates STING pathway activation in podocytes in CKD.

FACULTY EXPERTS



VIVEK BHALLA, MD

Associate Professor of
Medicine
Stanford University



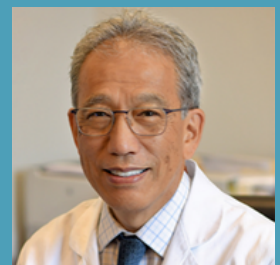
MARIELA MENDEZ, PHD

Assistant Professor of Physiology
Wayne State University



JEFF MINER, PHD

Professor of Medicine
Washington University
in St. Louis



MARK OKUSA, MD

Professor of Medicine
University of Virginia



Abstract Presentations Session 3

Hypertension and Electrolyte Transport

1:50 - 3:00 PM EDT

MODERATORS



PARAMITA PATI

University of Alabama at
Birmingham



ROBBY VAN SCIVER

Emory University

Josselin Nespoux

FELLOW / POST-DOCTORAL FELLOW

The University of Edinburgh

P2X7 Receptor Knockout Does Not Affect Renal Hemodynamics, Tubular Sodium Reabsorption, and Angiotensin II-Induced Renal Injury in F344 Rats.

Matthew Cheung

STUDENT

University of Alabama at Birmingham

Evaluation of the human immune response in two gene-edited, pig-to-human kidney xenotransplants.

Orestes Foresto-Neto

FELLOW / POST-DOCTORAL FELLOW

Mayo Clinic College of Medicine & Science

Subdued limits E. coli infection and Ca-oxalate crystallization in Drosophila renal tubules.

Victoria Nasci

FELLOW / POST-DOCTORAL FELLOW

Vanderbilt University Medical Center

Evidence of Estrogen Biosynthesis in the Rat Distal Nephron.

Evan Ray

JUNIOR FACULTY

University of Pittsburgh

Lactating kidneys up-regulate expression of cyclin D1 and TRPM6 in the DCT, suggesting DCT hyperplasia.

FACULTY EXPERTS



ROB FENTON, PHD

Professor of
Biomedicine
Aarhus University



MARK KNEPPER, MD PHD

Senior Investigator
National Institutes of
Health / NHLBI



JENNIFER POLLOCK, PHD

Professor of Medicine
University of Alabama
at Birmingham



LISA SATLIN, MD

Professor of Pediatrics
Icahn SOM at Mount
Sinai



Career Development Session

October 30th, 2023
Digital Forum



MONDAY, OCTOBER 30TH

12:30 pm - 1:30 pm EDT

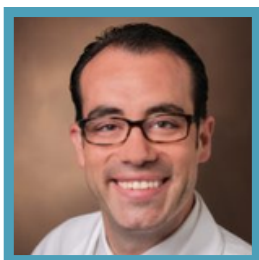
*Digital Forum via **Zoom***

*-Please see separate email for zoom information-
(Please ensure your full name is listed on zoom)*

**FROM STUDENT TO PI:
PERSPECTIVES ON CAREERS
AT DIFFERENT STAGES**

FROM STUDENT TO PI: PERSPECTIVES ON CAREERS AT DIFFERENT STAGES

PANEL SPEAKERS



JUAN PABLO ARROYO, MD PHD

Assistant Professor of Medicine
Division of Nephrology
Vanderbilt University



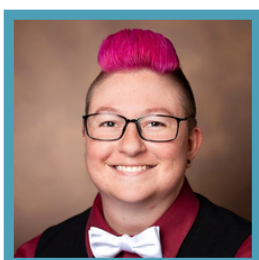
KELSEY CLEARMAN

PhD Candidate
Department of Cell, Molecular,
and Developmental Biology
University of Alabama Birmingham



COURTNEY J HAYCRAFT, PHD

Scientist II
Cell, Developmental and
Integrative Biology
University of Alabama Birmingham



VICTORIA NASCI, PHD

Postdoctoral Fellow, Department of
Medicine
Division of Nephrology and Hypertension
Vanderbilt University



JEFF SANDS, MD

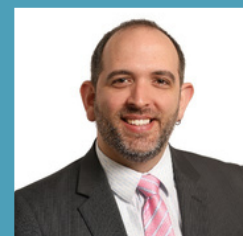
Juha P. Kokko Professor of Medicine
and Physiology
Director of the Division of Renal Medicine
Emory University

MODERATORS



CHRIS KLEMENS

Assistant Professor
University of South Florida



ROBBY VAN SCIVER

Postdoctoral Fellow
Emory University



Networking Lunch

Sponsored by:

Feinberg Cardiovascular and Renal Research Institute
Northwestern University Feinberg School of Medicine

November 3rd, 2023
Philadelphia PA

Xiandu Thai Fusion Cuisine

1119 Walnut Street, Philadelphia PA

12:30 – 2:00 PM, Friday Nov 3, 2023

Hosted by Vidhi Dalal, MD



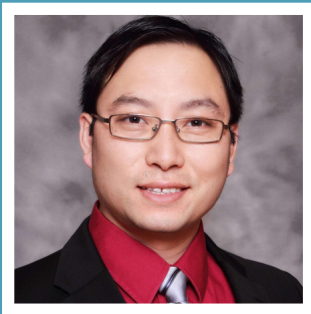
(Limited attendance - by invitation only)

A separate invitation was sent to registrants who indicated an interest in a networking lunch event on a first come, first served basis. Please see invitation for additional details.

The event is generously funded by
Feinberg Cardiovascular and Renal Research Institute
Northwestern University Feinberg School of Medicine

ORGANIZING COMMITTEE

CHAIRS



JING WU

University of Rochester



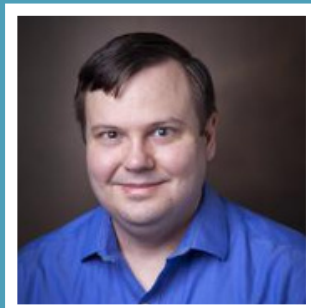
MICHAEL DONNAN

Northwestern University



JOSHUA REIN

Icahn SOM at Mount Sinai



CRAIG BROOKS

Vanderbilt University



CHRIS KLEMENS

University of South Florida



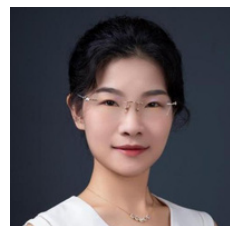
ELINOR MANNON

Augusta University



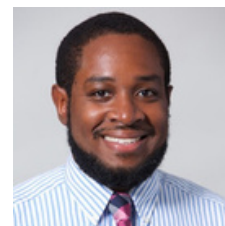
EMAN GOHAR

Vanderbilt University



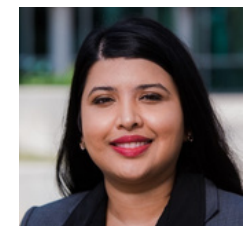
XIAOHAN (Hannah) LU

Duke University



JERMAINE JOHNSTON

University of Florida



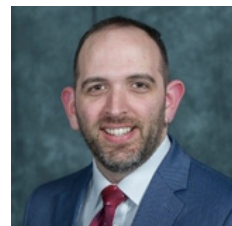
PARAMITA PATI

University of Alabama at Birmingham



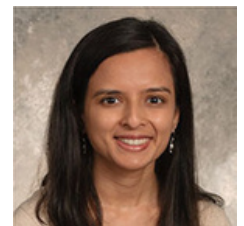
MOHAMMAD SALEEM

Vanderbilt University



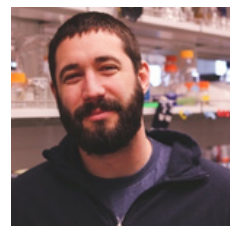
ROBBY VAN SCIVER

Emory University



RONAK LAKHIA

University of Texas Southwestern



RYAN CORNELIUS

Oregon Health Science University



VIDHI DALAL

Northwestern University

2023

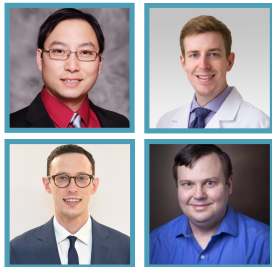


THANK YOU!

ORGANIZING COMMITTEES

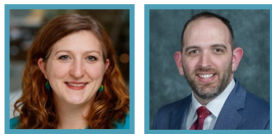
ADMINISTRATIVE

Jing (Jason) Wu
Michael Donnan
Joshua Rein
Craig Brooks



CAREER DEVELOPMENT

Chris Klemens
Robby Van Sciver
Ronak Lakhia
Ellie Mannon



ABSTRACTS AND PRESENTATIONS

Eman Gohar
Paramita Pati
Ryan Cornelius
Jermaine Johnston
Xiaohan (Hannah) Lu
Robby Van Sciver



MEDIA AND COMMUNICATIONS

Mohammad Saleem
Chris Klemens



NETWORKING EVENT

Vidhi Dalal



THANK YOU TO OUR VOLUNTEERS

ABSTRACT REVIEWERS

Justin van Beusecum
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John Dasinger
Noha Elsayed
Louise Evans
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Rick Grimm
Zhengrong Guan
Kelly Hyndman
Chris Klemens
Alison Kriegel
Oleg Palygin
Kyyrlo Pyrshev
Megan Rhoads
Marharyta Semenikhina

ABSTRACT PANEL EXPERTS

Vivek Bhalla
Rob Fenton
Mark Knepper
Mariela Mendez
Jeff Miner
Mark Okusa
Joo-Seop Park
Samir Parikh
Jennifer Pollock
Ambra Pozzi
Jeff Sands
Lisa Satlin

CAREER DEVELOPMENT PANEL

Jeff Sands
Courtney Haycraft
Juan Pablo Arroyo
Victoria Nasci
Kelsey Clearman

SPECIAL THANKS TO:

Dennis Brown
Rob Fenton
Aylin Rodan

American Physiological Society

Jin-Soo Kim

American Society of Nephrology

Susan Quaggin
Feinberg Cardiovascular and Renal
Research Institute
Northwestern University

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