



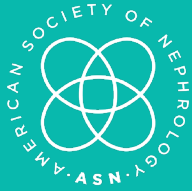
Onsite Guide

San Diego Convention Center
San Diego, CA



KIDNEY
WEEK **20**
24

October 23-27 | San Diego, CA



CORPORATE SUPPORTERS 2024

The ASN Corporate Support Program recognizes supporters year round for their generous contributions to the Society. Through this program, supporters help ASN lead the fight against kidney diseases. ASN gratefully acknowledges the following companies for their contributions in 2024.

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Table of Contents

Kidney Week Mobile App	2
Welcome	3
Schedule-at-a-Glance	4
Accreditation, CE Credits, MOC Points	6
Certificates of Attendance for International Participants	7
Day-at-a-Glance: Wednesday, October 23 (Early Programs)	9
Day-at-a-Glance: Thursday, October 24	12
Day-at-a-Glance: Friday, October 25	26
Day-at-a-Glance: Saturday, October 26	42
Scientific Exposition: October 24–26	53
Exhibitor Spotlights: October 24–26	54
Day-at-a-Glance: Sunday, October 27	56

Attention US Health Professionals

To ensure full compliance with the Open Payments (Physician Payments Sunshine Act), a provision of the Patient Protection and Affordable Care Act (PL 111-148) that requires applicable manufacturers and applicable group purchasing organizations to report financial payments made to US physicians and select other US healthcare professionals, including as part of supported ASN activities. ASN reserves the right to provide information to such entities about US physicians, US physician assistants, and US advanced practice nurses (and their spouses) who participate in selected ASN activities.

Section 6002 of the Affordable Care Act requires the establishment of a transparency program, now known as Open Payments. The program increases public awareness of financial relationships between drug and device manufacturers and certain health care providers. ASN makes reasonable attempts to collect and maintain the following information about its US physician members: 1) name and business address, 2) specialty, 3) National Provider Identification (NPI) number, and 4) state(s) professional license number and name of state(s) issuing license.

In the event that ASN receives payment from an applicable sponsor and the sponsor requests the reportable information from ASN, ASN will provide the information under the condition that the sponsor agrees to use the data only for reporting purposes covered under the Act and no other purpose.

US physicians have certain rights under this Act, and more information about these rights can be found at the resources listed below.

To learn more, please go to the US Government's Center for Medicare & Medicaid Services (CMS) website, www.cms.gov/openpayments. Additional information can be found at the American Medical Association's website.

Download the Kidney Week Mobile App

Navigate the meeting like a pro
with the meeting mobile app.

- Stay organized with current session, exhibitor, and meeting information.
- Receive important real-time communications from ASN.
- Build a personalized schedule and bookmark exhibitors.
- Stay in-the-know and join the social media conversation.
- And more!



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*The Kidney Week Mobile App
is supported by*



Welcome to ASN Kidney Week 2024

ASN proudly welcomes you to Kidney Week, the world's premier nephrology meeting. At Kidney Week, the world's leading experts share new approaches to health care, research, education, and policy. Participants have opportunities to network with fellow specialists, advance careers, learn best practices for treating and improving the lives of people with kidney diseases, and collaborate with colleagues from around the world.

Leading the fight against kidney diseases for over 50 years, ASN represents health professionals whose intellectual rigor, integrity, and ingenuity advance kidney research, treatment, and policy and improve the lives of millions of patients.

ASN Council

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Schedule-at-a-Glance

Thursday, October 24	AM	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
Plenary Session					[Green]							
BCSS, CPS, TS, SS										[Yellow]		
Educational Symposia												
Oral Abstract Sessions												
Poster Sessions									[Blue]	Ask the Author		
Scientific Exposition									[Purple]	Exhibitor Spotlights		
Friday, October 25	AM	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
Plenary Session					[Green]							
BCSS, CPS, TS, SS										[Yellow]		
Educational Symposia			[Orange]									
Oral Abstract Sessions											High-Impact Clinical Trials	
Poster Sessions									[Blue]	Ask the Author		
Scientific Exposition									[Purple]	Exhibitor Spotlights		
Saturday, October 26	AM	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
Plenary Session					[Green]							
BCSS, CPS, TS, SS										[Yellow]		
Educational Symposia												
Oral Abstract Sessions											High-Impact Clinical Trials	
Poster Sessions									[Blue]	Ask the Author Top Trainee Posters		
Scientific Exposition									[Purple]	Exhibitor Spotlights		
Sunday, October 27	AM	6:30	7:00	7:30	8:00	8:30	9:00	9:30	10:00	10:30	11:00	11:30
Plenary Session and ASN Business Meeting					[Green]							
BCSS, CPS, TS, SS									[Yellow]			

LEGEND

BCSS - Basic/Clinical Science Sessions
 CPS - Clinical Practice Sessions

TS - Translational Sessions
 SS - Special Sessions

Accreditation, CE Credits, and MOC Points (Annual Meeting, October 24–27)

Learning Objectives

At the conclusion of this activity, participants will have increased knowledge in the field of nephrology and will be able to:

1. Identify recent discoveries in basic, translational, and clinical research in nephrology.
2. Construct new research questions based on updated scientific and clinical advances in nephrology-related disciplines.
3. Translate recent advances in the areas of general nephrology, dialysis, transplantation, and hypertension into new standards and approaches to clinical care of patients with kidney diseases and related disorders.

Target Audience

- Physicians
- PhDs and Other Researchers
- Medical and Other Trainees—including medical students, residents, graduate students, post-docs, and fellows
- Nurses and Nurse Practitioners
- Pharmacists
- Physician Assistants
- Other Health Care Professionals

Accreditation Statement

In support of improving patient care, the American Society of Nephrology is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



Continuing Medical Education Credits

AMA CREDIT DESIGNATION STATEMENT – PHYSICIANS

The American Society of Nephrology designates this blended learning activity for a maximum of 75.0 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

ANCC CREDIT DESIGNATION STATEMENT – NURSES

This CE activity is approved for 75.0 ANCC contact hours.

ACPE CREDIT DESIGNATION STATEMENT – PHARMACISTS

This activity has been approved for 75.0 contact hours.

AAPA/NCCPA CREDIT DESIGNATION STATEMENT – PHYSICIAN ASSISTANTS

NCCPA accepts Certificates of Participation for activities that are certified for *AMA PRA Category 1 Credit™*. In accordance with AAPA/NCCPA and AMA guidelines, Physician Assistants may receive a Certificate of Participation that states this activity has been approved for up to 75.0 *AMA PRA Category 1 Credits™*.



ASN values each participant's review and comments on the quality of ASN's educational activities. Please complete the evaluation, claim credits, and claim MOC at www.asn-online.org/elearning by December 18, 2024. Instructions are available on the ASN website and at ASN Services in Lobby C of the convention center.

Note: For Early Program credits, please refer to the program materials.

Maintenance of Certification (MOC) Points

The Kidney Week Annual Meeting offers MOC Points for American Board of Internal Medicine (ABIM) and American Board of Pediatrics (ABP) Diplomates with the completion of a reflective statement and commitment-to-change questions in this activity's evaluation. Instructions are available on the ASN website and ASN eLearning Center.

MOC Statement

Successful completion of this CME activity, which includes participation in the evaluation component, enables the participant to earn up to:

- 75 MOC points in the ABIM Maintenance of Certification (MOC) program; and
- 75 MOC points in the ABP Maintenance of Certification (MOC) program.

It is the CME activity provider's responsibility to submit participant completion information to ACCME for the purpose of granting ABIM or ABP MOC credit.

Statement from ABIM

This course has been developed as an original and independent educational offering based on the public ABIM examination blueprint and is not approved or endorsed by ABIM. In accordance with ABIM policy, no ABIM Board members have been involved in the development of this course. ASN cannot guarantee that attending this course will result in passing the ABIM examination.

Disclosure Statement

It is the policy of the American Society of Nephrology (ASN) that all individuals in a position to control the content of ASN's sponsored continuing education (CE) activities are expected to provide full disclosure for both themselves and their spouse/partner, and to indicate to the activity audience any financial or other relationship held by themselves or their spouse/partner 1) with the manufacturer(s) of any commercial product(s) and/or provider(s) of commercial service(s) discussed in an educational presentation; and 2) with any commercial supporter(s) of the activity. All responses should reflect activities within the previous 12 months. Furthermore, ASN requests all faculty to disclose at the time of their lecture any planned discussion of investigational and/or off-label use of pharmaceutical products or devices within their presentation. Participants should note that the use of products outside US Food and Drug Administration (FDA)-approved labeling should be considered experimental and are advised to consult current prescribing information for approval indications. The intent of this policy is not to prevent expert faculty with relevant relationship(s) with commercial interest(s) from involvement in CE, but rather to ensure that ASN CE activities promote quality and safety, are effective in improving medical practice, are based on valid content, and are independent of control from commercial interests and free of commercial bias. In addition, all faculty members were instructed to provide balanced, scientifically rigorous, and evidence-based presentations.

ASN requires all individuals in a position to control content for Kidney Week to complete disclosure forms. Responses are listed on the ASN website, in the meeting platform, and during sessions.

Certificates of Attendance for International Participants

Early Program participants can pick up printed Certificates of Attendance (not CME certificates for US participants) on Wednesday, October 23, at the programs. Annual Meeting participants can access online Certificates of Attendance (not CME certificates for US participants) from October 24, 2024, through January 31, 2025, at <https://register.asn-online.org/2024/certificateofattendance/> or at Registration in Exhibit Hall C beginning October 25 at 1:00 p.m. Certificates are only available if you have picked up your meeting materials or printed your meeting badge onsite. If you have questions, please visit ASN Services in Lobby C of the convention center.

Confirm your Attendance and

Unlock More Kidney Week Features



To unlock session evaluations and claim CE credits and MOC points, you need to verify your attendance at ASN Kidney Week 2024.

Features:

- Evaluate Kidney Week sessions
- Claim CE credit and/or MOC points
(available from October 27 through December 18, 2024)
- Enter your Kidney Week On-Demand access code to view session recordings available in November

**Scan the QR code onsite
to verify your attendance
and access these features!**

Day-at-a-Glance

Wednesday, October 23

Early Programs

Each Early Program requires separate registration from the Annual Meeting. Detailed schedules are available at each Early Program room.

7:00 a.m. Onsite Check-In and Continental Breakfast for all 7 Early Programs

Acid-Base, Fluid, and Electrolyte Balance Disorders 2024:

Challenging Issues for Clinicians..... Ballroom 20B/C

8:00 a.m. Onsite Sessions

6:00 p.m. Adjourn

Advances in Research Conference – Genome Engineering and

RNA-Based Therapeutics: From Bench to Potentially Curative Medicines..... Room 6A

8:00 a.m. Onsite Sessions

5:10 p.m. Adjourn

Between a Rock and a Hard Place: Practical Updates in Kidney Stone

Prevention and Management..... Room 6B

8:00 a.m. Onsite Sessions

6:00 p.m. Adjourn

Critical Care Nephrology: 2024 Update.....

Ballroom 20A

8:00 a.m. Onsite Sessions

5:45 p.m. Adjourn

Glomerular Diseases: 2024 Update.....

Ballroom 20D

8:00 a.m. Onsite Sessions

6:00 p.m. Adjourn

Onconeurology: Cancer, Its Treatments, and the Kidneys.....

Room 6F

8:00 a.m. Onsite Sessions

5:00 p.m. Adjourn

Point-of-Care Ultrasound in Nephrology.....

Room 1

ASN thanks FUJIFILM Sonosite, Inc. and Mindray North America for in-kind support.

8:00 a.m. Onsite Sessions

5:00 p.m. Adjourn



For current meeting information search for "ASN Kidney Week" in your app store or scan this QR code.





KIDNEY WEEK 2024

ASN Career Fair

Meet face-to-face with top employers looking to hire!

October 24–26, 2024
9:30 a.m. – 2:30 p.m.

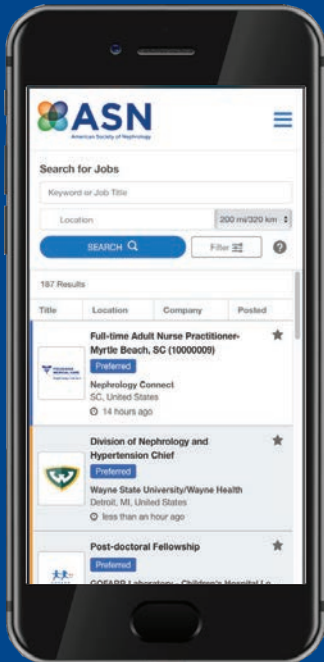
Located in the Exhibit Hall



ASN invites you to take part in the ASN Career Fair. Connect with employers and find your next nephrology opportunity. It's FREE to attend!

Be on the lookout for the ASN Featured Employers Guide, including open positions from top employers delivered to your inbox after Kidney Week.

Take charge of your career! Upload or update your resume on the ASN Career Center.



Get your resume in front of employers hiring nephrology professionals who search the database.



Search for jobs that are posted right from your smartphone or tablet.



Be the first to get job alerts when a new position matching your criteria is available.



Gain resume writing tips and how to prepare for an interview.

Visit careers.asn-online.org to get started!





Visit the ASN Communities Lounge at ASN Kidney Week

Community discussions, networking, and collaboration.
Exhibit Hall B, Booth 1529

Thursday, October 24

General & Clinical Nephrology Poster Tour

Led by Edgar Lerma, MD, FASN, and Roger Rodby, MD, FASN.

10:30 — 11:30 a.m.

Overview of the Increasing Organ Transplant Access (IOTA) Model

A synopsis and discussion of the new payment model with CMMI: what it means for your practice and role. Relevant for both general and transplant nephrologists. (Session 1)

11:30 a.m. — 12:30 p.m.

Kidney Care Choices (KCC) Model Meeting

An intimate discussion with CMMI about the KCC model, its future, and potential scenarios for your practice. (Session 1)

12:30 — 1:30 p.m.

Phairify Demonstration

Learn about the Physician Value Exchange and how to leverage this exclusive ASN member benefit. (Session 1)

1:30 — 2:00 p.m.

Friday, October 25

Overview of the Increasing Organ Transplant Access (IOTA) Model

A synopsis and discussion of the new payment model with CMMI: what it means for your practice and role. Relevant for both general and transplant nephrologists. (Session 2)

10:00 — 11:00 a.m.

New Features of Communities

Overview of the new platform: intuitive widgets, personalized links, navigation tips, and more.

11:00 a.m. — 12:30 p.m.

Phairify Demonstration

Learn about the Physician Value Exchange and how to leverage this exclusive ASN member benefit. (Session 2)

12:30 — 1:00 p.m.

Forum on Transplant Nephrology Training

ASN-AST effort to secure ACGME accreditation for transplant nephrology: briefing, questions and answers, and networking. Led by Roy Bloom, MD, FASN, and Neeraj Singh, MD, FASN.

1:00 — 2:00 p.m.

Kidney Care Choices (KCC) Model Meeting

An intimate discussion with CMMI about the KCC model, its future, and potential scenarios for your practice. (Session 2)

2:00 — 3:00 p.m.

Saturday, October 26

Becoming a Community Leader

Engagement strategies, moderation, replies, and follow-through.

10:00 — 11:00 a.m.

Communities Library

Keyword searching, studies, reports, and credible research.

11:00 a.m. — 12:00 p.m.

Themed Communities

Onco-nephrology, Kidney Transplantation, Women's Health and Research.

12:00 — 1:00 p.m.

Mentor Match Program

Enrollment basics, search criteria, and building relationships.

1:00 — 2:00 p.m.

Listen and partake in conversations.



ASN
Communities



Day-at-a-Glance

Thursday, October 24

8:00 a.m. – 9:30 a.m.

Opening Plenary: ASN President's Address, ASN President's Medal, State-of-the-Art Lecture.....Hall D

9:30 a.m. – 2:30 p.m. (Exhibit Halls)

Morning Break (9:30 a.m. – 10:00 a.m.).....Exhibit Hall B

Scientific Exposition and Posters (9:30 a.m. – 2:30 p.m.).....Exhibit Hall B

Poster Presentations by Authors (10:00 a.m. – 12:00 p.m.).....Exhibit Hall B

Exhibitor Spotlights (10:00 a.m. – 1:45 p.m.).....Exhibit Hall B

Please see pages 54-55 for spotlight schedule and topics.

10:30 a.m. – 12:30 p.m.

Basic/Clinical Science Sessions

Extracellular Vesicles in Kidney Diseases: Tiny Packages with Big Impact.....Room 6D

Renal and Extrarenal Sodium Handling in Blood Pressure Regulation,

Including the Robert W. Schrier, MD, Endowed Lectureship.....Room 5

Clinical Practice Sessions

AKI across the Continuum: Tailoring AKI Management by Patient Demography.....Room 6B

Cardio-Kidney Protection with SGLT2 Inhibition and Beyond - Honoring George Bakris Ballroom 20A

Green Complement Activation in Glomerulonephritis: An Emerging Target in Multiple Diseases.....Room 6A

Iron Nephrology: Innovations That Address the Carbon Footprint Conundrum in Dialysis.....Room 8

Iron, Erythropoietin, and Hypoxia-Inducible Factor-Prolyl Hydroxylase Inhibitors in

CKD and ESKD.....Ballroom 20D

Malignancy and Kidney Transplantation: Evolving Toward Personalized Care.....Ballroom 20B/C

Peritoneal Dialysis Outside the United States: What Can We Learn?.....Room 6C

What's New in Pediatric Kidney Transplantation?.....Room 33

Translational Session

Abnormalities in Calcium and Phosphorus in Malignancy:

Mechanisms and Management OptionsRoom 7

Other Event

Fellows-in-Training Bowl: Elimination RoundsExhibit Hall B, Futures Theater

12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Limited seating.

Accepting the Complement: Understanding the Role of Complement and

Its Targeted Therapies in IgA NephropathyMarriott Grand Ballroom 8

Hyperkalemia, CKD, and Heart Failure: Dietary and Medical Considerations ..Marriott Grand Ballroom 5

Imaging and Multidisciplinary Care in ADPKD.....Marriott Grand Ballroom 4

Mechanisms and Advances in ANCA-Associated Vasculitis.....Marriott Grand Ballroom 13

1:00 p.m. – 2:00 p.m.

Top Trainee Posters - 1Exhibit Hall B, Futures Theater

2:00 p.m. – 4:00 p.m.

Basic/Clinical Science Sessions

A Dynamic Filtration Barrier: Insights from Experimental Models of Glomerular DiseasesRoom 6A

Advances in Pathomechanisms of AKIRoom 4

Breakthroughs in Polycystic Kidney Disease Research.....Ballroom 20D

Dialysis Access Care: From Bench to BedsideRoom 6C

2:00 p.m. – 4:00 p.m.

Basic/Clinical Science Sessions

Model Organisms to Understand Kidney Development, Disease, and Homeostasis Room 2
Modern Insights into the Pathogenesis of Kidney Stone Disease..... Room 7
Progress on Cellular Therapies for Tolerance and Pig-to-Human
Xenotransplantation..... Ballroom 20B/C
Resolving AKI Spatially and Temporally.....Room 6B
Updates in Chronic Interstitial Nephritis in Agricultural Communities.....Room 23
What's New in Diuretics?.....Room 6D

Clinical Practice Sessions

Case Studies in Onconephrology..... Ballroom 20A
Kidney Connection to Heart Failure with Preserved Ejection Fraction..... Room 5
Molecular Kidney Pathology Rounds..... Room 1

Translational Sessions

Challenges in the Management of Pediatric Glomerular DiseasesRoom 33
RNA-Centric View of Diabetic Kidney Disease in Translation.....Room 25

Special Session

Kidney Transplantation in 2024: Change Isn't Coming, It's Here, Including the
Christopher R. Blagg, MD, Endowed Lectureship in Kidney Diseases and Public Policy.....Room 24

4:00 p.m. – 4:30 p.m.

Afternoon Break.....Foyers of Ballroom 20 and Room 6A

4:30 p.m. – 6:00 p.m.

Clinical Practice Sessions

ANCA-Associated Vasculitis: Evidence and Uncertainties in Assessment and Management..... Room 6A
Emerging Therapies for AKI: Bright HorizonsRoom 6B
Nutrition for Patients Receiving Dialysis..... Ballroom 20A
Transition to Adulthood: Bringing Together Pediatric and Adult Nephrologists..... Ballroom 20D
Viral Infections and Kidney Transplantation..... Ballroom 20B/C

Oral Abstract Sessions

Achieving More Equitable Kidney Care..... Room 7
AKI: New Frontiers in Prognostication and Management..... Room 6C
Augmented Intelligence and Digital Health Advances Room 2
CKD: Novel Risk Factors and Consequences..... Room 24
CKD-MBD and Kidney Stones: Novel Insights Room 6D
Diabetic Kidney Disease - Clinical: Novel Insights into Precision Medicine..... Room 33
Fluid, Electrolyte, and Acid-Base Disorders: Back to the Basics Room 4
Home Dialysis Hodgepodge: Novel Mechanisms, Solutions, Technologies, and Ideas..... Room 8
Hypertension and CVD: Research Advances..... Room 5
Non-Cystic Genetic Kidney Diseases: Disease Genes, Modifiers, and Therapies.....Room 23
Podocytopathies and Membranous Nephropathy: Clinical Advances..... Room 1
Transplantation: Basic and Translational Advances Room 25

6:00 p.m. – 7:00 p.m.

Welcome ReceptionExhibit Hall B



For current meeting information search for "ASN Kidney Week" in your app store or scan this QR code.



Thursday, October 24, 8:00 a.m. – 9:30 a.m.

Opening Plenary..... Hall D

Support is provided by an educational grant from Vera Therapeutics.

- 8:00 a.m. **ASN President's Address** – Deidra Crews
- 8:30 a.m. **ASN President's Medal** – Alonzo Mourning
- 9:00 a.m. **State-of-the-Art Lecture "Accelerating Health Care Innovation in Nephrology with Artificial Intelligence"** – David Rhew

Thursday, October 24, 10:30 a.m. – 12:30 p.m.

Extracellular Vesicles in Kidney Diseases: Tiny Packages with Big Impact.....Room 6D

ASN thanks the Japanese Society of Nephrology (JSN) and JSN Ambassador, Dr. Shintaro Mandai.

Moderators: Uta Erdbruegger, Monica Ng

- 10:30 a.m. **Extracellular Vesicles as Novel Intranephron Communicators** – Ewout Hoorn
- 11:00 a.m. **Harnessing Extracellular Vesicles as a Diagnostic Tool for Diabetic Kidney Disease** – Maija Puhka
- 11:30 a.m. **What Can Extracellular Vesicles Tell Us about Kidney Transplants?** – Fabian Braun
- 12:00 p.m. **Extracellular Vesicles in Vascular Calcification in CKD** – Shintaro Mandai

Renal and Extrarenal Sodium Handling in Blood Pressure Regulation, Including the Robert W. Schrier, MD, Endowed Lectureship..... Room 5

ASN gratefully acknowledges Otsuka America Pharmaceutical, Novartis, Astellas Pharma US, and several individuals for support of the Schrier Endowed Lectureship.

Moderators: Adebowale Adebisi, Carmen De Miguel

- 10:30 a.m. **Regulation Mechanisms of Renal and Extrarenal Epithelial Sodium Channels in BP and Volume Handling** – Thomas Kleyman
- 11:00 a.m. **Deciphering the Mechanism of Salt Transport in the Distal Convoluted Tubule** – Eric Delpire
- 11:30 a.m. **Molecular Bases of Potassium and Sodium Balance, Electrolyte Disorders, and Hypertension: The Robert W. Schrier, MD, Endowed Lectureship** – Paul Welling
- 12:00 p.m. **Dietary Sodium and BP in CKD: From Bench to Bedside** – Dena Rifkin

AKI across the Continuum: Tailoring AKI Management by Patient Demography Room 6B

Moderators: Raymond Hsu, Mark Perazella | Patient Voice Commentator: Leslie Meigs

- 10:30 a.m. **The Impact of AKI: A Patient's Perspective** – Leslie Meigs
- 10:40 a.m. **Advances in Pediatric AKI Management: Lessons for Adult Nephrologists?** – Stuart Goldstein
- 11:05 a.m. **Approach to Critically Ill Older Adults with AKI** – Areeba Jawed
- 11:30 a.m. **Managing AKI: Does Sex Matter?** – Ladan Golestaneh
- 11:55 a.m. **Racial Disparities in AKI: The Path Forward** – Clarissa Diamantidis
- 12:20 p.m. **Questions and Answers**

Cardio-Kidney Protection with SGLT2 Inhibition and Beyond -

Honoring George Bakris..... Ballroom 20A

ASN thanks the ASN Diabetic Kidney Disease Collaborative Task Force for assistance with this session.

Moderators: Daniel Gordin, Sylvia Rosas

- 10:30 a.m. **Evidence for Use of SGLT2 Inhibitors and Translation to Practice** – Rajiv Agarwal
- 11:00 a.m. **How Will the Incretin Data "FLOW" into Practice** – Katherine Tuttle
- 11:30 a.m. **Nonsteroidal Mineralocorticoid Receptor Antagonists, Aldosterone Antagonism, and Kidney Protection: Making It "EASI" for the Kidneys** – Parminder Judge
- 12:00 p.m. **Integration of the American Heart Association Cardiovascular-Kidney-Metabolic Paradigm into Patient Care: Challenges and Opportunities** – Chiadi Ndumele

Complement Activation in Glomerulonephritis:

An Emerging Target in Multiple Diseases.....Room 6A

Support is provided by an educational grant from Travele Therapeutics, Inc.

Moderators: Jean Hou, Mariela Navarro Torres

- 10:30 a.m. **Complement Cascade and Its Inhibition** – Richard Smith
- 11:00 a.m. **Complement as a Driver of Disease and Therapeutic Target in Immune Complex-Mediated Glomerulonephritis** – Jonathan Barratt
- 11:30 a.m. **Role of Complement in the Pathogenesis and Treatment of Thrombotic Microangiopathy** – Anuja Java
- 12:00 p.m. **Monoclonal Gammopathy of Renal Significance and Complement-Mediated Glomerular Injury: A Complicated Intersection** – Nelson Leung

Green Nephrology: Innovations That Address the Carbon Footprint

Conundrum in Dialysis..... Room 8

ASN thanks the ASN Health Care Justice Committee for assistance with this session.

Moderators: Brendan Bowman, Ankur Shah

- 10:30 a.m. **Assessing the Carbon Footprint of Dialysis: A Step Toward Environmentally Sustainable Kidney Care** – Suzanne Watnick
- 11:00 a.m. **Addressing the Environmental Impact of Kidney Care** – Amy Yau
- 11:30 a.m. **Sources of Variation in the Carbon Footprint of Different Dialysis Modalities** – Anne Huml
- 12:00 p.m. **Addressing Kidney Health Equity and Climate Change** – Mukta Baweja

Iron, Erythropoietin, and Hypoxia-Inducible Factor-Prolyl

Hydroxylase Inhibitors in CKD and ESKD.....Ballroom 20D

Moderators: Monique Cho, Jay Wish

- 10:30 a.m. **Nonhematologic Effects of Iron Deficiency** – Connie Rhee
- 11:00 a.m. **Which Iron Formulation? And When?** – Diana Jalal
- 11:30 a.m. **Are All Erythropoietin-Stimulating Agents the Same?** – Jodie Babitt
- 12:00 p.m. **Where Do Hypoxia-Inducible Factor-Prolyl Hydroxylase Inhibitors Belong in the Anemia Toolbox?** – Steven Fishbane

Malignancy and Kidney Transplantation: Evolving Toward Personalized Care..... Ballroom 20B/C

Moderators: Christopher Blosser, Adam Bregman | Patient Voice Commentator: Michael Young

- 10:30 a.m. **Transplant's Successes, but at a Cost** – Michael Young
- 10:40 a.m. **Incidence, Risk Factors, and Mortality Risk of Cancer in Kidney Transplant Recipients** – Angela Webster
- 11:05 a.m. **When Is It Safe to Transplant? Updated Recommendations for Skin and Solid-Organ Malignancy** – Deirdre Sawinski
- 11:30 a.m. **Personalized Approach to Kidney Transplant Candidates with Hematologic Malignancy** – Vinay Nair
- 11:55 a.m. **Novel Immunomodulatory Approaches to Patients with Advanced Cancer after Kidney Transplant** – Naoka Murakami
- 12:20 p.m. **Questions and Answers**

Peritoneal Dialysis Outside the United States: What Can We Learn? Room 6C

Moderators: Rachel Fissell, Robert Quinn

- 10:30 a.m. **Assisted Peritoneal Dialysis: An Integral Component of Peritoneal Dialysis Delivery?** – Edwina Brown
- 11:00 a.m. **Variety in Peritoneal Dialysis Fluids: Impact on Patient Outcomes** – Andreas Vychytil
- 11:30 a.m. **Automated Peritoneal Dialysis or Continuous Ambulatory Peritoneal Dialysis: Variety Enables Flexibility and Person-Centered Delivery** – Bourne Auguste
- 12:00 p.m. **PDOPPS Study: Center Size Matters, from Catheter Insertion to Time on Peritoneal Dialysis** – Mark Lambie

What's New in Pediatric Kidney Transplantation? Room 33

ASN thanks the Indian Society of Nephrology (ISN) and ISN Ambassador, Dr. Sanjeev Gulati.

Moderators: Rachel Engen, Sarah Kizilbash

- 10:30 a.m. **Noninvasive Tests for Monitoring Kidney Allograft Function and Rejection** – Tom Blydt-Hansen
- 10:50 a.m. **Brief Updates on Management of Viral Infections after Kidney Transplant in Children** – Vikas Dharnidharka
- 11:10 a.m. **Outcomes of Combined Kidney and Other Organ Transplants (Heart and Liver) in Children** – Namrata Jain
- 11:30 a.m. **Improving Kidney Transplant Outcomes and Quality of Care** – David Hooper
- 11:50 a.m. **Barriers to Deceased Donor Kidney Transplant in Emerging Economies** – Sanjeev Gulati
- 12:10 p.m. **Questions and Answers**

Abnormalities in Calcium and Phosphorus in Malignancy:

Mechanisms and Management Options..... Room 7

Moderators: Victoria Gutgarts, Mitchell Rosner

- 10:30 a.m. **Malignancy-Associated Hypercalcemia: Prevalence, Impact, and Management** – Shruti Gupta
- 11:00 a.m. **Humoral Hypercalcemia of Malignancy** – Amanda Renaghan
- 11:30 a.m. **Hypophosphatemia in Cancer Therapy: Prevalence, Mechanisms, and Complications** – Biruh Workeneh
- 12:00 p.m. **Bad to the Bone: Effect of Modern Cancer Therapeutics on Bone Health** – Carrie Ye

Fellows-in-Training Bowl: Elimination Rounds..... Exhibit Hall B, Futures Theater

Support is provided by IgANexus.

Note: Continuing education credits are not being offered for this activity.

Thursday, October 24, 12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Lunch is provided.

Limited seating; first-come, first-served to fully paid Annual Meeting participants.

Accepting the Complement: Understanding the Role of Complement and Its Targeted Therapies in IgA Nephropathy..... Marriott Grand Ballroom 8

Support is provided by an educational grant from Novartis Pharmaceuticals Corporation.

- 12:45 p.m. **Introduction** – Sayna Norouzi (Moderator)
- 12:55 p.m. **Understanding IgAN as a Complement-Mediated Disease** – Felix Poppelaars
- 1:15 p.m. **Targeting Complement in IgAN** – Dana Rizk
- 1:35 p.m. **Questions and Answers**

Hyperkalemia, CKD, and Heart Failure:

Dietary and Medical Considerations..... Marriott Grand Ballroom 5

Support is provided by an educational grant from AstraZeneca.

- 12:45 p.m. **Introduction** – Holly Kramer (Moderator)
- 12:55 p.m. **Dietary Potassium: Effects on Serum Levels and Overall Health** – Melanie Betz
- 1:15 p.m. **Maximization of Renin Angiotensin Aldosterone (RAAS) Inhibition in CKD and Heart Failure: Strategies for Hyperkalemia Management** – Jamie Dwyer
- 1:35 p.m. **Questions and Answers**

Imaging and Multidisciplinary Care in ADPKD..... Marriott Grand Ballroom 4

Support is provided by an educational grant from Otsuka America Pharmaceutical, Inc.

- 12:45 p.m. **Introduction** – Terry Watnick (Moderator)
- 12:55 p.m. **ADPKD Clinic: Optimizing Workforce Teamwork and Patient-Centered Care** – Michal Mrug
- 1:15 p.m. **Radiographic Imaging to Refine Diagnosis and Prognosis in ADPKD** – Timothy Kline
- 1:35 p.m. **Questions and Answers**

Mechanisms and Advances in ANCA-Associated Vasculitis..... Marriott Grand Ballroom 13

This activity is supported by educational funding provided by Amgen.

- 12:45 p.m. **Introduction** – Ralph Kettritz (Moderator)
- 12:55 p.m. **Treatment of ANCA-Associated Vasculitis** – Duvuru Geetha
- 1:15 p.m. **The Role of Endothelin in ANCA-Associated Vasculitis** – Neeraj Dhaun
- 1:35 p.m. **Questions and Answers**

Wi-Fi Service

Free internet access is available in the convention center.

Search for the network “kidneyweek” (no password).

Supported by



A Dynamic Filtration Barrier: Insights from Experimental Models of Glomerular Diseases.....Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Ilse Daehn, Tobias Huber

- 2:00 p.m. **Filtration Barrier Function in Zebrafish: Focus on Podocyte and Glomerular Endothelium** – Janina Müller-Deile
- 2:30 p.m. **Slit Diaphragm Maintenance and Dynamics in Drosophila Nephrocytes** – Tobias Hermle
- 3:00 p.m. **The Glomerular Mesangium: At the Center of It All** – Jenny Nystrom
- 3:30 p.m. **Targeting the Mechanical Responses of the Podocyte Cytoskeleton** – Di Feng

Advances in Pathomechanisms of AKI..... Room 4

Moderators: Amandeep Bajwa, Tomokazu Souma

- 2:00 p.m. **Targeting NAD Metabolism to Reduce AKI Severity** – Amanda Clark
- 2:30 p.m. **Targeting Kinases to Limit AKI and Promote Repair** – Navjot Pabla
- 3:00 p.m. **Building Resistance against AKI: Role for PAX Proteins** – Jeffrey Beamish
- 3:30 p.m. **Fatty Acid Oxidation in AKI** – Sunder Sims-Lucas

Breakthroughs in Polycystic Kidney Disease Research..... Ballroom 20D

Moderators: Peter Harris, Erum Hartung

- 2:00 p.m. **Fibrocystin and the PKHD1 Gene: Fragments and Functions** – Feng Qian
- 2:30 p.m. **Visual Models to Characterize Mutations and Functions of the Polycystin Complex** – Markus Delling
- 3:00 p.m. **Activation of Polycystin 1 as a G Protein-Coupled Receptor: Tethered Agonist and Synthetic Peptides** – Robin Maser
- 3:30 p.m. **Downstream of Polycystin Loss in ADPKD: A Newly Defined Effector** – Stefan Somlo

Dialysis Access Care: From Bench to Bedside Room 6C

Moderators: Jie Cui, Roberto Vazquez-Padron

- 2:00 p.m. **Molecular Mechanisms of Vascular Access Failure** – Timmy Lee
- 2:30 p.m. **Novel Therapies to Improve Arteriovenous Fistula Maturation** – Joris Rotmans
- 3:00 p.m. **New Technologies to Create Arteriovenous Fistulas** – Neghae Mawla
- 3:30 p.m. **Ten Years after the Hemodialysis Fistula Maturation Study** – Laura Dember

Model Organisms to Understand Kidney Development, Disease, and Homeostasis..... Room 2

Moderators: Zhaoxia Sun, Bradley Yoder

- 2:00 p.m. **Insights into Mammalian Kidney Development and Disease: Using the Mouse to Model Congenital Anomalies of the Kidneys and Urinary Tract** – Leif Oxburgh
- 2:30 p.m. **Leveraging Caenorhabditis elegans to Elucidate Ciliary Dynamics in the Context of PKD** – Maureen Barr
- 3:00 p.m. **Xenopus Models Yield New Insights into Renal Tubule Development** – Soeren Lienkamp
- 3:30 p.m. **Model Organisms as Powerful Tools to Study Basement Membrane Biology and Kidney Diseases** – Rachel Lennon

Modern Insights into the Pathogenesis of Kidney Stone Disease..... Room 7

Moderators: John Lieske, Megan Prochaska

- 2:00 p.m. **Claudins and Kidney Stone Pathogenesis** – Alan Yu
- 2:30 p.m. **Role of Inflammation in Kidney Stone Formation** – Tarek El-Achkar
- 3:00 p.m. **Role of the Microbiome in Kidney Stone Formation** – Lama Nazzal
- 3:30 p.m. **Genetics and Heritability of Kidney Stone Disease** – John Sayer

Progress on Cellular Therapies for Tolerance and Pig-to-Human

Xenotransplantation Ballroom 20B/C

Moderators: John Gill, Jayme Locke

- 2:00 p.m. **Genetic Engineering and Immunosuppression in Pig-to-Human Xenotransplantation: Striking a Balance** – Alfred Tector
- 2:30 p.m. **Near-Death Experience: Progress and Insights from Decedent Pig-to-Human Xenotransplantation** – Robert Montgomery
- 3:00 p.m. **Chimerism and the Road to Transplant Tolerance: Where Do We Stand?** – Joseph Leventhal
- 3:30 p.m. **Regulatory T Cells for Solid-Organ Transplantation: An Update on the ONE and TWO Studies** – Fadi Issa

Resolving AKI Spatially and Temporally Room 6B

ASN thanks the Japanese Society of Nephrology (JSN) and JSN Ambassador, Dr. Motoko Yanagita.

Moderators: Kelly Hyndman, Sushrut Waikar

- 2:00 p.m. **Spatial Transcriptomics to Define Injury Microenvironments** – Michal Polonsky
- 2:30 p.m. **Intravital Microscopy to Track Kidney Injury** – Ina Schiessl
- 3:00 p.m. **Controlling Neuroimmune Interactions in the Kidneys** – Mark Okusa
- 3:30 p.m. **Tertiary Lymphoid Tissues and AKI Progression** – Motoko Yanagita

Updates in Chronic Interstitial Nephritis in Agricultural Communities Room 23

Moderators: Sophie Claudel, David (Daud) Sheikh-Hamad

- 2:00 p.m. **Clinical Manifestations and Prognosis of Chronic Interstitial Nephritis in Agricultural Communities: Similarities and Differences across the Globe** – Marvin Gonzalez-Quiroz
- 2:30 p.m. **Environmental Exposures and Chronic Interstitial Nephritis in Agricultural Communities across the Globe** – Shuchi Anand
- 3:00 p.m. **Insights from Omics Approaches in Chronic Interstitial Nephritis in Agricultural Communities** – Nishad Jayasundara
- 3:30 p.m. **Heat Stress, Volume Depletion, and AKI: Physiologic Studies of Water Regulation in Chronic Interstitial Nephritis in Agricultural Communities** – Vivek Bhalla

What's New in Diuretics? Room 6D

Moderators: Anna Gaddy, Ashita Tolwani

- 2:00 p.m. **Use of Acetazolamide in Volume Overload: Start at the Beginning** – W.H. Wilson Tang
- 2:30 p.m. **More Salt: Hypertonic Saline for Augmenting Diuresis** – Steven Coca
- 3:00 p.m. **Which One: Torsemide vs. Furosemide?** – Lauren Cooper
- 3:30 p.m. **Which One: Chlorthalidone vs. Hydrochlorothiazide?** – Areef Ishani

Case Studies in Onconephrology Ballroom 20A

Moderators: Shruti Gupta, Kenar Jhaveri

- 2:00 p.m. **Case 1: AKI in Patients Treated with Several New Chemotherapy and Immunotherapy Agents** – Prakash Gudsoorkar
- 2:30 p.m. **Case 2: Proteinuria in Patients with Cancer** – Mark Perazella
- 3:00 p.m. **Case 3: Estimating GFR in Patients with Cancer** – Silvia Titan
- 3:30 p.m. **Case 4: New Electrolyte Derangements in Patients Treated for Cancer** – Biruh Workeneh

Kidney Connection to Heart Failure with Preserved Ejection Fraction..... Room 5

Moderators: Wendy McCallum, Marianne Verhaar

- 2:00 p.m. **Epidemiology and Mechanisms of HFpEF Phenotypes in Patients with Kidney Diseases** – Rupal Mehta
- 2:30 p.m. **Interconnection between CKD, Obesity, and HFpEF: Pathophysiology and Management** – Michael Hall
- 3:00 p.m. **Treatment of HFpEF in Patients with Kidney Diseases: Insights from Recent Clinical Trials** – Hidido Heerspink
- 3:30 p.m. **Physiology of Exercise Intolerance in HFpEF and Kidney Diseases** – Senthil Selvaraj

Molecular Kidney Pathology Rounds..... Room 1

Moderators: Debbie Gipson, Matt Sampson

- 2:00 p.m. **Experiences from a Real-World Nephrogenetic Clinic** – Asaf Vivante
- 2:30 p.m. **Genetic Tubular Disorders Presenting as FSGS** – Lihong Bu
- 3:00 p.m. **Collagenopathies in Glomerular Diseases: Beyond Alport Syndrome** – Dominick Santoriello
- 3:30 p.m. **Implementing the Molecular Nephrology Board: The NEPTUNE Match Experience** – Crystal Gadegbeku

Challenges in the Management of Pediatric Glomerular Diseases Room 33

Moderators: Louise Oni, Madhura Pradhan

- 2:00 p.m. **Anticomplement Therapies in Typical and Atypical Hemolytic Uremic Syndrome in Children** – Bradley Dixon
- 2:30 p.m. **Evaluating Kidney Disease Outcomes and Predictors of Outcomes in Pediatric-Onset ANCA-Associated Vasculitis** – Kelly Brown
- 3:00 p.m. **Novel Mechanisms and Therapies for Pediatric IgA-Associated Vasculitis** – Lili Liu
- 3:30 p.m. **Treatment Outcomes and Ongoing Pediatric Trials in Steroid-Resistant Nephrotic Syndrome** – Chia-Shi Wang

RNA-Centric View of Diabetic Kidney Disease in Translation..... Room 25

Moderators: Michael Eadon, Katalin Susztak

- 2:00 p.m. **Epigenetics and Epigenomics of Diabetic Kidney Disease** – Rama Natarajan
- 2:30 p.m. **Role of MicroRNA in Diabetic Kidney Disease Progression** – Eiichiro Satake
- 3:00 p.m. **Single-Cell and Spatial Modalities in Diabetic Kidney Disease Research** – Benjamin Humphreys
- 3:30 p.m. **Potential for RNA-Based Therapeutics in Diabetic Kidney Disease** – Akshay Desai

Kidney Transplantation in 2024: Change Isn't Coming, It's Here, Including the Christopher R. Blagg, MD, Endowed Lectureship in Kidney Diseases and Public Policy... Room 24

ASN gratefully acknowledges the Northwest Kidney Centers and its contributors for support of the Blagg Lectureship.

Moderators: Keith Bellovich, Roy Bloom

- 2:00 p.m. **Bye-Bye, Black Box: What Pre-Wait-Listing Data Collection Means for You and Your Patients** – Rachel Patzer
- 2:30 p.m. **Navigating an Evolving Organ Procurement Landscape: The Christopher R. Blagg, MD, Endowed Lectureship in Kidney Diseases and Public Policy** – Jesse Schold
- 3:00 p.m. **Utility, Equity, Transparency, or All of the Above in Organ Allocation?** – Syed Husain
- 3:30 p.m. **What Happens When the Patient Receives a Kidney Transplant?** – Vishnu Potluri

ANCA-Associated Vasculitis: Evidence and Uncertainties in Assessment and Management.....Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Koyal Jain, Anushya Jeyabalan

- 4:30 p.m. **Predictive Tools and Prognostic Indicators in ANCA-Associated Glomerulonephritis** – Silke Brix
- 4:50 p.m. **Pitfalls in Diagnosis of ANCA-Associated Vasculitis** – Ingeborg Bajema
- 5:10 p.m. **New Therapeutic Targets and Therapies for ANCA-Associated Glomerulonephritis** – A. Richard Kitching
- 5:30 p.m. **Indicators of Remission and Relapse in ANCA-Associated Vasculitis: Where Are We and What Are the Challenges?** – Mark Little

Emerging Therapies for AKI: Bright Horizons Room 6B

Moderators: Ayse Akcan Arikan, Linda Awdishu

- 4:30 p.m. **What Went Wrong? The Graveyard of Pharmacotherapies for AKI** – Peter Pickkers
- 4:50 p.m. **SGLT2 Inhibitors: Is There a Role for AKI Prevention?** – Daniel Murphy
- 5:10 p.m. **Metformin for Sepsis-Associated AKI** – Hernando Gómez Danies
- 5:30 p.m. **Kidney Regenerative Medicine: Stem Cells for AKI** – LaTonya Hickson

Nutrition for Patients Receiving Dialysis Ballroom 20A

Moderators: Cynthia Delgado, Jason Stubbs

- 4:30 p.m. **Protein Intake and Plant-Based Diets for Patients on Dialysis** – Talat Alp Ikizler
- 4:50 p.m. **"Heart-Healthy" Diets for Patients on Dialysis: How Should We Counsel Our Patients?** – Beth Shanaman
- 5:10 p.m. **Nutrition Considerations for Patients Receiving Peritoneal Dialysis** – Angela Yee Moon Wang
- 5:30 p.m. **Modulating the Colon Microbiome by Diet in Patients on Dialysis** – Keiichi Sumida

Transition to Adulthood: Bringing Together Pediatric and Adult Nephrologists..... Ballroom 20D

Moderators: Rupesh Raina, Sai Kaumudi Saridey

- 4:30 p.m. **Challenges and Opportunities in Pediatric to Adult Transition of Care** – Rebecca Levy
- 4:50 p.m. **Empowering Transplant Warriors in Their Journey to Adult Care: Bridging the Gap** – Elaine Ku
- 5:10 p.m. **Transitioning to Adult CKD Care beyond the Kidneys: Growing Stronger Together** – Alexander Kula
- 5:30 p.m. **Real-World Transition Models: Perspectives from a Clinician and a Caregiver** – Maria Ferris

Viral Infections and Kidney Transplantation Ballroom 20B/C

Moderators: Daniel Brennan, Samira Farouk

- 4:30 p.m. **Novel Tools and Therapies in Surveillance and Management of BK Virus** – Hans Hirsch
- 4:50 p.m. **Updates in New Diagnostics and Drugs in Cytomegalovirus Management** – Deepali Kumar
- 5:10 p.m. **Reassessment of COVID-19 and Its Impact on Kidney Transplantation in 2024** – Emily Blumberg
- 5:30 p.m. **Advances in Understanding Viruses as a Barometer of Immunosuppression: Epstein-Barr Virus and Torque Teno Virus** – John Friedewald

ORAL ABSTRACT SESSIONS

- Achieving More Equitable Kidney Care** Room 7
Moderators: Ladan Golestaneh, Neil Powe
- AKI: New Frontiers in Prognostication and Management** Room 6C
Moderators: Josee Bouchard, Rolando Claire-Del Granado
- Augmented Intelligence and Digital Health Advances**..... Room 2
Moderators: Pinaki Sarder, Sri Lekha Tummalapalli
- CKD: Novel Risk Factors and Consequences** Room 24
Moderators: Srinivasan Beddhu, O. Alison Potok
- CKD-MBD and Kidney Stones: Novel Insights**.....Room 6D
Moderators: Daniel Edmonston, Kathleen Hill Gallant
- Diabetic Kidney Disease - Clinical: Novel Insights into Precision Medicine**..... Room 33
Moderators: Roberto Pecoits-Filho, Carol Pollock
- Fluid, Electrolyte, and Acid-Base Disorders: Back to the Basics** Room 4
Moderators: Maria Castañeda-Bueno, Timo Rieg
- Home Dialysis Hodgepodge: Novel Mechanisms, Solutions, Technologies, and Ideas**..... Room 8
Moderators: Suma Prakash, Nikhil Shah
- Hypertension and CVD: Research Advances** Room 5
Moderators: Eman Gohar, Tanecia Mitchell
- Non-Cystic Genetic Kidney Diseases: Disease Genes, Modifiers, and Therapies** Room 23
Moderators: Rannar Airik, John Sayer
- Podocytopathies and Membranous Nephropathy: Clinical Advances**..... Room 1
Moderators: Tingting Li, Zainab Obaidi
- Transplantation: Basic and Translational Advances**..... Room 25
Moderators: Caroline Lamarche, Jonathan Maltzman



Welcome Reception

Thursday, October 24
6:00–7:00 p.m.
Exhibit Hall B

Supported by

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THERAPEUTICS

Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.

Poster Sessions

Thursday, October 24 | Exhibit Hall B

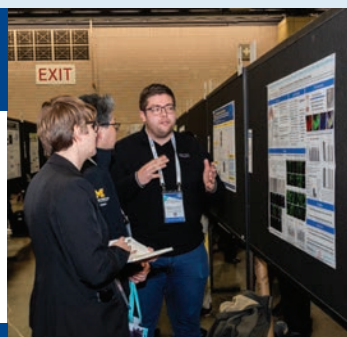
Poster Topics	Board #s
NIH/NIDDK and Informational Posters - 1	INFO01–INFO14
Augmented Intelligence for Prediction and Image Analysis.....	001–033
AKI: Epidemiology, Risk Factors, and Prevention - 1.....	034–058
AKI: Clinical, Outcomes, and Trials - Epidemiology and Pathophysiology.....	059–109
Pharmacology.....	110–126
CKD-MBD: Clinical.....	127–186
Hypertension and CVD: Basic Research Findings.....	187–221
Hemodialysis, Hemodiafiltration, and Frequent Dialysis	222–265
Hemodialysis and Frequent Dialysis - 1.....	266–322
Sodium, Potassium, and Volume Disorders: Clinical	323–379
Development, Organoids, Injury, and Regeneration.....	380–428
Cystic Kidney Diseases: Clinical Assessment and Therapeutic Directions	429–486
Genetic Kidney Diseases: Genotypes and Phenotypes in Cases.....	487–527
Glomerular Diseases: Omics, Biomarkers, and Tools.....	528–585
Membranous Nephropathy, FSGS, and Minimal Change Disease.....	586–634
Lupus Nephritis: Clinical, Outcomes, and Therapeutics	635–669
Glomerular Diseases: Case Reports - 1.....	670–727
Transplantation: Clinical - 1.....	728–784
Transplantation: Clinical - 2.....	785–835
Race, Ethnicity, and Gender in Kidney Health and Care.....	836–871
Anemia and Iron Metabolism.....	872–918
Geriatric Nephrology: Innovations and Insights.....	919–954
Physical Activity and Lifestyle in Kidney Diseases.....	955–990
CKD: Epidemiology, Risk Factors, and Prevention - 1.....	991–1041
CKD: Therapeutic Advances	1042–1083
CKD: Mechanisms - 1.....	1084–1132
COVID-19.....	1133–1164
Late-Breaking Clinical Trials	1165–TBD

Top Trainee Posters - 1

Thursday, October 24
1:00–2:00 p.m.

Exhibit Hall B, Futures Theater

Note: Continuing education credits are not being offered for this activity.



Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.



DIGITAL PATHOLOGY ROOM ROOM 10

You are invited to a hands-on review session of all the digital slides from the **Renal Biopsy: Clinical Correlations** session vignettes prior to Saturday, October 26 (2:00–4:00 p.m.), when the final diagnoses are discussed in depth and answers to the cases are distributed. Biopsy materials are available with renal pathologists onsite to direct your study of the cases and to provide individual instruction. There is no fee to visit the Pathology Room; however, space is limited and available on a first-come, first-served basis.

Thursday

October 24

9:30 a.m. — 4:30 p.m.

Friday

October 25

9:30 a.m. — 4:30 p.m.

ASN thanks the Renal Pathology Society for assistance with the Renal Biopsy session and the Digital Pathology Room.

The Digital Pathology Room is supported by



Cele's Champions: Cele Fogarty Travel Support Program for Patients

On behalf of the 850,000,000 people worldwide with kidney diseases, the Cele Fogarty Travel Support Program for Patients (“Cele’s Champions”) honors people living with kidney diseases or caring for an individual with kidney diseases by supporting their voice and advocacy.

Cecilia “Cele” Agnes Fogarty was a leading executive in event management and member services for decades, advancing the work of several major organizations, including ASN, in health care, medicine, science, and other areas. She was renowned for her ability to manage the most complex meeting logistics, anticipate challenges, and meet unexpected crises—large and small—with aplomb and sometimes magic.

Despite being diagnosed with kidney disease herself, Ms. Fogarty continued to work towards “A world without kidney diseases,” including the strenuous onsite meeting management, due to the flexibility of peritoneal dialysis, and the support of her care team. Her dedication and persistence parallel the courage and diligence to live well with a chronic disease.



Patient and family advocates who speak out for the people worldwide with kidney diseases.

To honor Ms. Fogarty, her commitment to mentorship, and her passion for accommodating all people regardless of the challenges they may face, ASN is committed to amplifying the patient voice throughout the organization and in its activities.

ASN is pleased to announce the **2024 “Cele’s Champions”**

- Dawn Bates
- Meradee Dransfield
- Dawn Edwards
- Valen Keefer
- Susan Reale
- Tangela Robinson
- David Rodriguez
- Chelsea Roman
- Melissa Tolzien
- Anne Walsh

Day-at-a-Glance

Friday, October 25

6:45 a.m. – 7:45 a.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 6:30 a.m. Limited seating.

Advances in Inflammation Mechanisms and Therapies to Reduce

Atherosclerotic Cardiovascular Disease in Persons with Kidney Diseases....Marriott Grand Ballroom 5
Ushering Renal Denervation from Trials into the Real World.....Marriott Grand Ballroom 8

8:00 a.m. – 9:30 a.m.

Plenary: Robert G. Narins Award, John P. Peters Award, Donald W. Seldin

Young Investigator Award and Address, State-of-the-Art Lecture.....Hall D

9:30 a.m. – 2:30 p.m. (Exhibit Halls)

Morning Break (9:30 a.m. – 10:00 a.m.).....Exhibit Hall B

Scientific Exposition and Posters (9:30 a.m. – 2:30 p.m.).....Exhibit Hall B

Poster Presentations by Authors (10:00 a.m. – 12:00 p.m.)Exhibit Hall B

Exhibitor Spotlights (10:00 a.m. – 1:45 p.m.).....Exhibit Hall B

Please see pages 54-55 for spotlight schedule and topics.

10:30 a.m. – 12:30 p.m.

Clinical Practice Sessions

Arrhythmias in Patients with Kidney Diseases: Finding the Right Rhythm Room 5

Breaking Down Barriers to Transplantation: Management of Older Adults and

Individuals with Obesity.....Ballroom 20B/C

Osteoporosis in CKD: Updates in Pathogenesis and Management..... Room 7

Person-Centered Decision-Making for Older People Choosing Dialysis..... Room 6C

Sickle Cell Disease and the Kidneys: Emerging Concepts and Gene Therapies..... Ballroom 20D

Therapeutic Decisions in Glomerular Diseases: Updating the Algorithms..... Room 6A

Unraveling the Secrets of Complicated Extracorporeal Circuits: Maze to MasteryRoom 6B

Translational Sessions

Heterogeneity of Diabetic Kidney Disease, Including the Garabed Eknoyan, MD,

Endowed Lectureship.....Ballroom 20A

Neonatal and Pediatric AKI: Advances in Prediction and TreatmentRoom 33

Oral Abstract Session

High-Impact Clinical Trials - 1Hall D

Other Event

Fellows-in-Training Bowl: Semi-Finals and FinalsExhibit Hall B, Futures Theater

12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Limited seating.

Expanding Therapeutic Landscape in Lupus Nephritis:

Utilization of B Cell Targeted Therapy.....Marriott Grand Ballroom 13

Targeting the Pathophysiology of Hyperphosphatemia in ESKD:

From Physiology to Clinical InnovationMarriott Grand Ballroom 5

The Role of Hemodiafiltration in the Management of

Dialysis-Dependent Chronic Kidney FailureMarriott Grand Ballroom 4

Treatment of Anemia of CKD: What Is the Role of Hypoxia-Inducible Factor

Prolyl Hydroxylase Inhibitors?.....Marriott Grand Ballroom 8

1:00 p.m. – 2:00 p.m.

Top Trainee Posters - 2Exhibit Hall B, Futures Theater

2:00 p.m. – 4:00 p.m.

Basic/Clinical Science Sessions

Best of ASN Journals: JASN, CJASN, and Kidney360 Ballroom 20B/C
Interorgan Cross-Talk: Kidney Injury and More Room 6B
Large Genomic and Multi-Omic Datasets to Inform Kidney Biology and Diseases Room 2
Lymphatics and Immune Cell Activation in Cardioresnal Disease..... Room 5
Opposing Demands in Kidney Injury: How to Adapt Room 4
Podocyte Mechanosignaling in Health and Disease: Putting Their Feet Down..... Room 1
Sex and Gender Differences in the Pathogenesis and Complications of CKD Room 25
Understanding Potassium Stress: Sensors, Signals, and Tubular Injury -
Honoring Charles Wingo Room 8

Clinical Practice Sessions

Case Studies in Glomerular Diseases 2024 Room 6A
Revisiting "Middle Molecules": Blast from the Past Room 6C
Salt, Water, Acid, Stone: Mastering Challenging Cases of Electrolyte and Acid-Base
Disorders, Including the Burton D. Rose, MD, Endowed Lectureship Room 6D
Why Aren't We Sharing More Declined Kidney Offers with Wait-Listed Patients?
Including the Celeste Castillo Lee Endowed Lectureship Room 23

Translational Sessions

A to X Nephrology Hot Topics: Autoantibodies, Clazakizumab, Semaglutide (FLOW),
and Xenotransplantation Ballroom 20A
Advances in Pediatric CKD and ESKD Room 33
APOL1-Mediated Kidney Disease: Year in Review, Including the Michelle P. Winn, MD,
Endowed Lectureship..... Ballroom 20D
Vascular Calcification and CKD: Is It Time to Start Treating? Room 7

Special Session

Supporting a Diverse Workforce in Nephrology Room 24

4:00 p.m. – 4:30 p.m.

Afternoon Break..... Foyers of Ballroom 20 and Room 6A

4:30 p.m. – 6:00 p.m.

Clinical Practice Sessions

Harnessing Digital Tools to Advance CKD Care and Education..... Ballroom 20D
Implementation Science and Quality Improvement Efforts in AKI: Improving in Place Room 6B

4:30 p.m. – 6:00 p.m.

Translational Sessions

Advancing the Understanding of Proteinuria and eGFR as FSGS Clinical Trial End Points Room 6A
Improving Kidney Transplant Longevity: Advanced Technologies on the Horizon..... Ballroom 20B/C
Precision Approaches to Diabetic Kidney Disease Ballroom 20A

Oral Abstract Sessions

CKD: Care Patterns and Novel Therapeutic Approaches..... Room 25
Cystic Kidney Diseases: Basic and Translational Research Room 23
Dialysis: What's New in Techniques and Management Room 8
Exercise and Kidney Health: From Bench to Smartphone..... Room 4
Glomerular Diseases: Mechanisms and More Room 1
Hypertension, CVD, and the Kidneys: Clinical Studies Room 5
IgA Nephropathy: New Therapies and Insights..... Room 6D
Innovative AKI Strategies and Drug Discoveries..... Room 7
Onconephrology: Models, Markers, and Medications..... Room 33
Pathology and Lab Medicine Advances..... Room 2
Women's Health and Kidney Diseases: From Bench to Bedside..... Room 24

Friday, October 25, 6:45 a.m. – 7:45 a.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 6:30 a.m. Breakfast is provided.

Limited seating; first-come, first-served to fully paid Annual Meeting participants.

Advances in Inflammation Mechanisms and Therapies to Reduce Atherosclerotic Cardiovascular Disease in Persons with Kidney Diseases

Marriott Grand Ballroom 5

Support is provided by an educational grant from Novo Nordisk.

- 6:45 a.m. **Introduction** – Michel Chonchol (Moderator)
- 6:55 a.m. **Inflammation as a Mechanism for ASCVD in Kidney Diseases** – Steven Crowley
- 7:15 a.m. **Advances in Therapies to Target Inflammation to Reduce Atherosclerosis in Kidney Diseases** – Laura Dember
- 7:35 a.m. **Questions and Answers**

Ushering Renal Denervation from Trials into the Real World

Marriott Grand Ballroom 8

Support is provided by an educational grant from Medtronic.

- 6:45 a.m. **Introduction** – Tara Chang (Moderator)
- 6:55 a.m. **Long-Term Effectiveness and Patient Perspectives of Renal Denervation: Is It Ready for the Real World?** – Swapnil Hiremath
- 7:15 a.m. **Developing a Team-Based Approach to Identifying, Screening, and Following Patients for Renal Denervation** – Karen Griffin
- 7:35 a.m. **Questions and Answers**

Friday, October 25, 8:00 a.m. – 9:30 a.m.

Plenary..... **Hall D**

The Donald W. Seldin Young Investigator Award is cosponsored by ASN and the American Heart Association Council on the Kidney in Cardiovascular Disease.

Support for this session is provided by an educational grant from Vera Therapeutics.

Note: Continuing education credits are not being offered for this activity.

- 8:00 a.m. **Robert G. Narins Award** – Scott Gilbert
- 8:15 a.m. **John P. Peters Award** – Susan Quaggin
- 8:30 a.m. **ASN-AHA Donald W. Seldin Young Investigator Award and Address "Innovations in Clinical Trial Design and Conduct for New Therapeutic Approaches in CKD"** – Hiddo Heerspink
- 9:00 a.m. **State-of-the-Art Lecture "From Reading the Genome for Risk to Rewriting It for Cardiovascular Health"** – Sekar Kathiresan

Friday, October 25, 10:30 a.m. – 12:30 p.m.

Arrhythmias in Patients with Kidney Diseases: Finding the Right Rhythm..... Room 5

Moderators: Lucile Parker Gregg, Susanne Nicholas

- 10:30 a.m. **Sudden Cardiac Death in Patients with Kidney Diseases: Risk Factors and Prevention** – Patrick Pun
- 11:00 a.m. **Atrial Fibrillation in Kidney Diseases: Different Population, Different Disease** – Nisha Bansal
- 11:30 a.m. **Anticoagulation to Treat Atrial Fibrillation in Patients Receiving Dialysis: Pro** – Wolfgang Winkelmayr
- 12:00 p.m. **Anticoagulation to Treat Atrial Fibrillation in Patients Receiving Dialysis: Con** – Crystal Gadegbeku

Breaking Down Barriers to Transplantation: Management of Older Adults and Individuals with Obesity..... Ballroom 20B/C

Moderators: Mohammed Javeed Ansari, Neeraj Singh

- 10:30 a.m. **Surgical Approaches to Kidney Transplant Candidates with Obesity** – Enrico Benedetti
- 11:00 a.m. **Long-Term Outcomes of Kidney Transplant Recipients with Obesity** – Sumit Mohan
- 11:30 a.m. **Redefining Risk in Older Adults and Beyond: Importance of Frailty in Kidney Transplantation** – Dorry Segev
- 12:00 p.m. **Evaluation, Monitoring, and Interventions for Older and Frail Kidney Transplant Candidates** – Krista Lentine

Osteoporosis in CKD: Updates in Pathogenesis and Management..... Room 7

Moderators: Matthew Allen, Aline Martin

- 10:30 a.m. **Diagnosis of Osteoporosis in CKD** – Rosa Moyses
- 11:00 a.m. **Mechanistic View of the Therapeutic Landscape of Osteoporosis in CKD** – Marie-Helene Lafage-Proust
- 11:30 a.m. **When to Intervene? Management of Osteoporosis in CKD** – John Cunningham
- 12:00 p.m. **Updates in Management of Transplant Osteoporosis** – Pascale Khairallah

Person-Centered Decision-Making for Older People Choosing Dialysis..... Room 6C

Moderators: Patrick Gee, Marcello Tonelli

- 10:30 a.m. **Where Should I Have Dialysis: Home or In-Center?** – Matthew Oliver
- 11:00 a.m. **Can I Have a Kidney Transplant?** – Michelle Willicombe
- 11:30 a.m. **Choosing Conservative Care Is Not Just Saying "No" to Dialysis** – Sara Davison
- 12:00 p.m. **"I Want to Live to See My Grandchildren Grow Up": Enabling Realistic Expectations** – Ann O'Hare

Sickle Cell Disease and the Kidneys: Emerging Concepts and Gene Therapies Ballroom 20D

Moderators: Tanya Johns, Anthony Muiru

- 10:30 a.m. **Prevention and Management of Sickle Cell Nephropathy** – Bessie Young
- 11:00 a.m. **Emerging Concepts in Sickle Cell Trait and the Kidneys** – Kabir Olaniran
- 11:30 a.m. **Gene Therapies for Sickle Cell Disease** – Alexis Thompson
- 12:00 p.m. **What Is on the Therapeutic Horizon for Sickle Cell Disease and Sickle Cell Trait?** – Santosh Saraf

Friday, October 25, 10:30 a.m. – 12:30 p.m.

Therapeutic Decisions in Glomerular Diseases: Updating the Algorithms.....Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Annette Bruchfeld, Ali Mehdi

- 10:30 a.m. **Management of Acute ANCA-Associated Glomerulonephritis: Evidence and Uncertainties** – Duvuru Geetha
- 11:00 a.m. **Approach to Maintenance Therapy in Lupus Nephritis** – Samir Parikh
- 11:30 a.m. **Use of SGLT2 Inhibitors, Endothelin Receptor Antagonists, and Targeted-Release Formulation Budesonide in IgAN** – Pietro Canetta
- 12:00 p.m. **Treatment of Minimal Change Disease: Beyond Corticosteroids** – Ladan Zand

Unraveling the Secrets of Complicated Extracorporeal Circuits: Maze to MasteryRoom 6B

Moderators: Pramod Guru, Anitha Vijayan

- 10:30 a.m. **Merging Lifelines: Extracorporeal Membrane Oxygenation and Dialysis** – Ankit Sakhuja
- 11:00 a.m. **Selective Cytopheretic Device for Inflammation Intervention** – Lenar Yessayan
- 11:30 a.m. **Filtering for the Future: Blood Purification Technologies** – Ashita Tolwani
- 12:00 p.m. **Mixing and Matching Technology: System- and Team-Level Perspective** – Rajit Basu, Theresa Mottes

Heterogeneity of Diabetic Kidney Disease,

Including the Garabed Eknayan, MD, Endowed Lectureship..... Ballroom 20A

ASN gratefully acknowledges Wadi N. Suki, MD, for support of the Eknayan Endowed Lectureship.

Moderators: Zaipul Md Dom, Jonathan Rosen

- 10:30 a.m. **Disparities between Men and Women in the Course of Diabetic Kidney Disease: The Garabed Eknayan, MD, Endowed Lectureship** – Adeera Levin
- 11:00 a.m. **Diabetic Kidney Disease Differing by Race or Ethnicity: Insights from Pacific Islanders and Other Subpopulations** – Marcus Pezzolesi
- 11:30 a.m. **Diabetic Kidney Disease by Diabetes Type** – Meda Pavkov
- 12:00 p.m. **Causes of Nondiabetic Kidney Diseases in Diabetes** – Amy Mottl

Neonatal and Pediatric AKI: Advances in Prediction and Treatment Room 33

Moderators: Jennifer Charlton, Keia Sanderson

- 10:30 a.m. **What's New for AKI Prediction in Neonates and Children: How to Implement Advances in Your Own Center** – Prasad Devarajan
- 11:00 a.m. **Precision Medicine Approaches to Identifying Children in the Intensive Care Unit with Risk for Future AKI and CKD** – David Selewski
- 11:30 a.m. **Artificial Intelligence Approaches to Increasing Recognition and Follow-Up of Pediatric AKI** – Michelle Starr
- 12:00 p.m. **Personalized Medicine Approaches in Choosing among New Neonatal Kidney Replacement Modalities** – Shina Menon

High-Impact Clinical Trials - 1 Hall D

Please check the meeting mobile app or the ASN website for the list of abstracts and presenters.

Fellows-in-Training Bowl: Semi-Finals and Finals Exhibit Hall B, Futures Theater

Support is provided by IgANexus.

Note: Continuing education credits are not being offered for this activity.

Friday, October 25, 12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Lunch is provided.

Limited seating; first-come, first-served to fully paid Annual Meeting participants.

Expanding Therapeutic Landscape in Lupus Nephritis:

Utilization of B Cell Targeted Therapy Marriott Grand Ballroom 13

Support is provided by an educational grant from Genentech, a member of the Roche Group.

- 12:45 p.m. **Introduction** – Isabelle Ayoub (Moderator)
- 12:55 p.m. **Pathogenesis of Lupus Nephritis: Focus on B Cell Tolerance** – Hans Anders
- 1:15 p.m. **Treatment of Lupus Nephritis: Focus on B Cell Targeting Therapies** – Dawn Caster
- 1:35 p.m. **Questions and Answers**

Targeting the Pathophysiology of Hyperphosphatemia in ESKD:

From Physiology to Clinical Innovation..... Marriott Grand Ballroom 5

Support is provided by an educational grant from Ardelyx, Inc.

- 12:45 p.m. **Introduction** – Jaime Uribarri (Moderator)
- 12:55 p.m. **Mechanisms of Hyperphosphatemia in ESKD: The Interplay of Physiology, Diet, and Pharmacotherapy** – Julia Scialla
- 1:15 p.m. **Hyperphosphatemia in ESKD: Is It Time for a Therapeutic Paradigm Shift?** – Michal Melamed
- 1:35 p.m. **Questions and Answers**

The Role of Hemodiafiltration in the Management of

Dialysis-Dependent Chronic Kidney Failure..... Marriott Grand Ballroom 4

Support is provided by an educational grant from Fresenius Medical Care Renal Therapies Group LLC.

- 12:45 p.m. **Introduction** – Phillip Li (Moderator)
- 12:55 p.m. **The Technological Aspects of HDF** – Bernard Canaud
- 1:15 p.m. **Effect of HDF on the Quality of Life and Mortality of Patients: A Review of the Randomized Clinical Trials** – Muriel Grooteman
- 1:35 p.m. **Questions and Answers**

Treatment of Anemia of CKD: What Is the Role of Hypoxia-Inducible Factor

Prolyl Hydroxylase Inhibitors?..... Marriott Grand Ballroom 8

Support is provided by an educational grant from Akebia Therapeutics, Inc.

- 12:45 p.m. **Introduction** – Wendy St. Peter (Moderator)
- 12:55 p.m. **The Science behind HIF-PHI Development: From Bench to Clinical Trials** – Daniel Coyne
- 1:15 p.m. **Incorporating HIF-PHIs into Clinical Practice** – Jay Wish
- 1:35 p.m. **Questions and Answers**

Friday, October 25, 2:00 p.m. – 4:00 p.m.

Best of ASN Journals: JASN, CJASN, and Kidney360..... Ballroom 20B/C

ASN thanks the ASN family of journals for assistance with this session.

Moderators: Erin Barreto, Tarek El-Achkar

- 2:00 p.m. **AKI and Intensive Care Unit Nephrology** – Michael Heung
- 2:30 p.m. **Glomerular Diseases** – Shuta Ishibe
- 3:00 p.m. **Therapeutic Advances in CKD** – Magdalena Madero
- 3:30 p.m. **Care of Patients Undergoing Long-Term Dialysis** – Mariana Murea

Interorgan Cross-Talk: Kidney Injury and More Room 6B

ASN thanks the Korean Society of Nephrology (KSN) and KSN Ambassador, Dr. Sang-Kyung Jo.

Moderators: Jodie Babbitt, Zheng Dong

- 2:00 p.m. **Kidney-Lung Cross-Talk in AKI** – Andreas Herrlich
- 2:30 p.m. **Kidney-Gut Cross-Talk in AKI** – Sang-Kyung Jo
- 3:00 p.m. **Interorgan Cross-Talk at the Bench and Bedside** – Kent Doi
- 3:30 p.m. **Cardiac Remodeling in Kidney Diseases** – TBD

Large Genomic and Multi-Omic Datasets to Inform Kidney Biology and Diseases Room 2

Moderators: Alexander Chang, Albertien van Eerde

- 2:00 p.m. **Use of a Clinical Exome Sequencing Database to Identify New Kidney Disease Genes** – Jennifer Posey
- 2:30 p.m. **Genetic Studies of Paired Metabolomes Reveal Processes at the Interface of Plasma and Urine** – Anna Kottgen
- 3:00 p.m. **Proteomics Integrated with Genomics in 138,000 Individuals Identify Putative Novel Drug Targets for CKD** – João Fadista
- 3:30 p.m. **Polygenic Risk Alters the Penetrance of Monogenic Kidney Diseases** – Krzysztof Kiryluk

Lymphatics and Immune Cell Activation in Cardiorenal Disease Room 5

Moderators: Nirupama Ramkumar, Clintoria Williams

- 2:00 p.m. **Lymphatics and Gut-Kidney Cross-Talk** – Valentina Kon
- 2:30 p.m. **Lymphatics and Kidney Diseases and Cardiorenal Syndrome** – Anupam Agarwal
- 3:00 p.m. **Kidney Lymphatics in Heart Failure** – Marat Fudim
- 3:30 p.m. **Lymphatics and the Renin-Angiotensin System** – Brett Mitchell

Opposing Demands in Kidney Injury: How to Adapt..... Room 4

Moderators: Michael Balzer, Sian Piret

- 2:00 p.m. **Caloric Restriction, Aging, and Kidney Injury** – Martin Späth
- 2:30 p.m. **Learning from Host and Microbe Interactions: Controlling Collateral Damage** – Miguel Soares
- 3:00 p.m. **Antiviral Response and Kidney Injury** – Deborah Lenschow
- 3:30 p.m. **What Is Compensatory Kidney Hypertrophy?** – Hiroaki Kikuchi

Friday, October 25, 2:00 p.m. – 4:00 p.m.

Podocyte Mechanosignaling in Health and Disease: Putting Their Feet Down..... Room 1

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Tarak Srivastava, Hani Suleiman

- 2:00 p.m. **Stressed Out: Unraveling the Mechanisms of Podocyte Mechanosignaling** – Nicole Endlich
- 2:30 p.m. **Holding Tight: Measurement of Podocyte Force Development Using Elastic Resonator Interference Stress Microscopy** – Malte Gather
- 3:00 p.m. **Standing in the GAP: Exploring the Role of ARHGAP29 in YAP-Mediated Mechanosignaling in Podocytes** – Christoph Schell
- 3:30 p.m. **Standing Firm: Considering the Therapeutic Potential of Targeting Podocyte Mechanosignaling** – Markus Rinschen

Sex and Gender Differences in the Pathogenesis and Complications of CKD Room 25

ASN thanks the ASN Diabetic Kidney Disease Collaborative Task Force for assistance with this session.

Moderators: Keisa Mathis, Jennifer Pluznick

- 2:00 p.m. **Sex, Gender, and CKD** – Sofia Ahmed
- 2:30 p.m. **Sex and Gender Differences in CVD** – Heddwen Brooks
- 3:00 p.m. **Sex Differences in Kidney Hemodynamics and Autoregulation** – Aaron Polichnowski
- 3:30 p.m. **Sex Differences in Chronic Salt-Sensitive Hypertension and Kidney Damage** – Justine Abais-Battad

Understanding Potassium Stress: Sensors, Signals, and Tubular Injury -

Honoring Charles Wingo..... Room 8

Moderators: Lama Al-Qusairi, Michelle Gumz

- 2:00 p.m. **Kir4.2 and Potassium-Dependent Proximal Tubule Injury** – Andrew Terker
- 2:30 p.m. **Role of WNK Body Condensates in Potassium Homeostasis** – Cary Boyd-Shiwariski
- 3:00 p.m. **mTORC2 and the Rapid Kaliuretic Response** – David Pearce
- 3:30 p.m. **Contribution of the Renal H⁺/K⁺ ATPases to Potassium Homeostasis: In Memory of Charles Wingo** – Luciana Morla

Case Studies in Glomerular Diseases 2024 Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Leal Herlitz, Brad Rovin

- 2:00 p.m. **Case 1: Glomerulonephritis in Older Adults** – Shikha Wadhvani
- 2:30 p.m. **Case 2: Glomerulonephritis and Genetic Testing** – Ali Poyan-Mehr
- 3:00 p.m. **Case 3: Glomerulonephritis in Pregnant Patients** – Salem Almaani
- 3:30 p.m. **Case 4: Glomerulonephritis in Children** – Keisha Gibson

Revisiting "Middle Molecules": Blast from the Past..... Room 6C

Moderators: Michael Allon, Sahir Kalim

- 2:00 p.m. **From Middle Molecules to Large Solutes: A History** – Tammy Sirich
- 2:30 p.m. **Removal of Large Solutes by Hemodiafiltration vs. Hemodialysis** – John Daugirdas
- 3:00 p.m. **How Well Does Peritoneal Dialysis Remove Large Solutes?** – Simon Davies
- 3:30 p.m. **Clinical Effects of Increasing Large Solute Removal** – Tariq Shafi

Salt, Water, Acid, Stone: Mastering Challenging Cases of Electrolyte and Acid-Base Disorders, Including the Burton D. Rose, MD, Endowed LectureshipRoom 6D

ASN gratefully acknowledges Wolters Kluwer (publisher of UpToDate), the Beth Israel Deaconess Medical Center Department of Medicine Foundation, the Rose Family, and several of Dr. Rose's colleagues for supporting this lectureship.

Moderators: Staci Leisman, Helbert Rondon Berrios

- 2:00 p.m. **Water Disorders: The Burton D. Rose, MD, Endowed Lectureship** – Roger Rodby
- 2:30 p.m. **Potassium Disorders** – Biff Palmer
- 3:00 p.m. **Acid-Base Disorders** – Michael Emmett
- 3:30 p.m. **Divalent Cation Disorders** – Laura Maursetter

Why Aren't We Sharing More Declined Kidney Offers with Wait-Listed Patients? Including the Celeste Castillo Lee Endowed Lectureship Room 23

ASN gratefully acknowledges Travers Therapeutics and several of Celeste's family members, friends, and colleagues for support of the Celeste Castillo Lee Endowed Lectureship.

Moderators: Suzanne Watnick, David White

- 2:00 p.m. **Catalyzing Advances in the Kidney Transplant Candidate Selection Process** – Matthew Cooper
- 2:30 p.m. **There Is No Debate: Patients Should Be Part of the Selection Conference: The Celeste Castillo Lee Endowed Lectureship** – Nichole Jefferson
- 3:00 p.m. **Wait-List Management and Organ Acceptance Outside the United States** – Joyce Popoola
- 3:30 p.m. **Using Shared Decision-Making to Reduce the Kidney Transplant Wait-List** – Syed Husain

A to X Nephrology Hot Topics: Autoantibodies, Clazakizumab, Semaglutide (FLOW), and Xenotransplantation..... Ballroom 20A

Moderators: Susan Quaggin, Wolfgang Winkelmayr

- 2:00 p.m. **Autoantibodies Targeting Nephritin in Podocytopathies** – Tobias Huber
- 2:30 p.m. **IL-6 Inhibition with Clazakizumab in Patients Receiving Maintenance Dialysis** – Glenn Chertow
- 3:00 p.m. **Effects of Semaglutide on CKD in Patients with Type 2 Diabetes (FLOW)** – Katherine Tuttle
- 3:30 p.m. **Genetically Edited Pig-to-Human Kidney Transplantation** – Leonardo Riella

Advances in Pediatric CKD and ESKD Room 33

Moderators: Elaine Ku, Sarah Swartz

- 2:00 p.m. **How Can Metabolomics and Lipidomics Predict Outcomes of Pediatric CKD?** – Michelle Denburg
- 2:30 p.m. **Metabolic Bone Disease in Pediatric CKD: What's New?** – Isidro Salusky
- 3:00 p.m. **Therapies for Neonates with Severe Early-Onset ESKD: Outcomes of the RAFT Trials** – Meredith Atkinson
- 3:30 p.m. **Adolescent Patients on Dialysis: How to Effectively Transition to Adult Nephrology** – Raj Munshi

APOL1-Mediated Kidney Disease: Year in Review, Including the Michelle P. Winn, MD, Endowed Lectureship **Ballroom 20D**

ASN gratefully acknowledges Duke University School of Medicine, the school's Division of Nephrology, and several individuals for support of the Winn Endowed Lectureship.

Moderators: Opeyemi Olabisi, Andreia Watanabe

- 2:00 p.m. **APOL1-Mediated Kidney Disease: Variably Proteinuric, Yet Invariably Progressive: The Michelle P. Winn, MD, Endowed Lectureship** – Kirk Campbell
- 2:30 p.m. **Genetic and Environmental Modifiers of APOL1-Mediated Kidney Disease: All in the Genes?** – Simone Sanna-Cherchi
- 3:00 p.m. **Can We Eat Our Way out of APOL1-Mediated Kidney Disease? Impact of Nutrition on Disease Progression** – Titilayo Ilori
- 3:30 p.m. **New Targets for Pharmacologic Therapy in APOL1-Mediated Kidney Disease** – David Friedman

Vascular Calcification and CKD: Is It Time to Start Treating? **Room 7**

Moderators: Cecilia Giachelli, Myles Wolf

- 2:00 p.m. **Molecular Approach to Understand Effects of Phosphate on Vascular Calcification** – Mandy Turner
- 2:30 p.m. **New Strategies to Control Hyperphosphatemia and Vascular Calcification in CKD** – Jason Stubbs
- 3:00 p.m. **New Strategies to Evaluate Calcium Balance in CKD** – Rukshana Shroff
- 3:30 p.m. **Clinical Trials to Prevent Vascular Calcification Progression: Should We Start to Treat?** – Smeeta Sinha

Supporting a Diverse Workforce in Nephrology..... **Room 24**

ASN thanks the ASN Diversity, Equity, and Inclusion Committee for assistance with this session.

Moderators: Javier Neyra, Sri Yarlagadda

- 2:00 p.m. **Supporting International Medical Graduates during Fellowship and Beyond** – Koyal Jain
- 2:30 p.m. **Enhancing the Presence and Success of Faculty and Fellows Who Are Underrepresented in Medicine** – Jason Cobb
- 3:00 p.m. **Increasing Physician Scientists in Nephrology Fellowships** – Samir Parikh
- 3:30 p.m. **Time for Action: How to Reduce Burnout in Nephrology** – Charuhas Thakar

Harnessing Digital Tools to Advance CKD Care and Education.....Ballroom 20D

Moderators: Jay Koyner, Francis Wilson

- 4:30 p.m. **Artificial Intelligence and Machine Learning to Guide Clinical Decisions in Nephrology** – Kianoush Kashani
- 4:50 p.m. **Artificial Intelligence in Nephrology Education: Ready for Prime Time?** – Suzanne Boyle
- 5:10 p.m. **Identifying Bias in Artificial Intelligence and Machine Learning Algorithms: Does a Machine Have an Unconscious Bias?** – Karandeep Singh
- 5:30 p.m. **CKD at Home: Mobile Applications and Wearable Devices** – Michael Tadesse

Implementation Science and Quality Improvement Efforts in AKI: Improving in Place... Room 6B

Moderators: Michelle Starr, Julie Wright Nunes

- 4:30 p.m. **Learning Safety System: Applying Systems Engineering Principles in Critical Care Nephrology** – Ayse Akcan Arikan
- 4:50 p.m. **Barriers and Facilitators of Successful Implementation of Evidence-Based Programs in AKI** – Emily See
- 5:10 p.m. **Implementation Science in AKI Care: Tales from the Bedside** – Oleksa Rewa
- 5:30 p.m. **Making Change at the Health-System Level: Post-Surgical AKI** – Aarthi Vijaykumar

Advancing the Understanding of Proteinuria and eGFR as FSGS

Clinical Trial End Points.....Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Laura Mariani, Joshua Tarnoff

- 4:30 p.m. **Clinical Trials in FSGS: Where Have We Been and Where Are We Heading?** – Daniel Gale
- 4:50 p.m. **Regulatory Pathways, Considerations, and the Application of Previous Work in Membranous Nephropathy and IgAN to FSGS** – Aliza Thompson
- 5:10 p.m. **Modeling Proteinuria and eGFR Slope as Surrogate End Points for FSGS** – Abigail Smith
- 5:30 p.m. **Panel Discussion: The Right Outcomes for Trials in FSGS** – Rebecca Oag, Christine Sethna

Improving Kidney Transplant Longevity:

Advanced Technologies on the Horizon..... Ballroom 20B/C

Moderators: Amishi Desai, Vineeta Kumar

- 4:30 p.m. **Refining Donor-Recipient Matching: Genome-Wide and Eplet-Based Compatibility** – Rainer Oberbauer
- 4:50 p.m. **Artificial Intelligence-Enhanced Interpretation of Kidney Transplant Biopsies** – Mariam Alexander
- 5:10 p.m. **Novel Approaches to Post-transplant Graft Assessment with Biosensors and Biomarkers** – Lorenzo Gallon
- 5:30 p.m. **Personalized Pharmacological Approaches to Prolong Kidney Allograft Survival** – Gaurav Gupta

Precision Approaches to Diabetic Kidney Disease Ballroom 20A

Moderators: Morgan Grams, Christine Limonte

- 4:30 p.m. **From Circulating to Urinary Proteomics: Biomarkers of Diabetic Kidney Disease** – Monika Niewczas
- 4:50 p.m. **Metabolomics Approaches in Diabetic Kidney Disease** – Kumar Sharma
- 5:10 p.m. **Through the Lens of the Kidney Precision Medicine Project** – Matthias Kretzler
- 5:30 p.m. **Translational Biomarker Path in Diabetic Kidney Disease** – Robert Nelson

ORAL ABSTRACT SESSIONS

CKD: Care Patterns and Novel Therapeutic Approaches Room 25
Moderators: Wei Chen, Ana Ricardo

Cystic Kidney Diseases: Basic and Translational Research Room 23
Moderators: Dorien Peters, Frederic Rahbari-Oskoui

Dialysis: What's New in Techniques and Management Room 8
Moderators: Graham Abra, Megha Salani

Exercise and Kidney Health: From Bench to Smartphone Room 4
Moderators: Paul Bennett, Brandon Kistler

Glomerular Diseases: Mechanisms and More Room 1
Moderators: Kyung Lee, Joshua Thurman

Hypertension, CVD, and the Kidneys: Clinical Studies Room 5
Moderators: Simon Ascher, Carl Walther

IgA Nephropathy: New Therapies and Insights Room 6D
Moderators: Shikha Wadhvani, Dia Waguespack

Innovative AKI Strategies and Drug Discoveries Room 7
Moderators: Pranav Garimella, Leah Siskind

Onceneurology: Models, Markers, and Medications Room 33
Moderators: Sandra Herrmann, Insara Jaffer Sathick

Pathology and Lab Medicine Advances Room 2
Moderators: Md. Shahrier Amin, Dao-Fu Dai

Women's Health and Kidney Diseases: From Bench to Bedside Room 24
Moderators: Lavanya Bathini, Sandi Dumanski

Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.

Introducing

**ASN Kidney Health Guidance
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Poster Sessions

Friday, October 25 | Exhibit Hall B

Poster Topics

Board #s

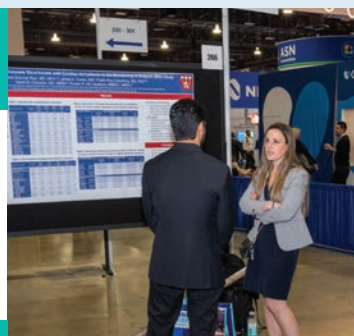
NIH/NIDDK and Informational Posters - 2	INFO01–INFO14
Classroom to Bedside: Transforming Medical Education	001–024
AKI: Epidemiology, Risk Factors, and Prevention - 2	025–084
AKI: Diagnosis and Outcomes	085–142
AKI: Mechanisms	143–196
Onconeurology: Immunotherapy Nephrotoxicity and Assessment of GFR	197–225
Mineral Bone Disease: Transplant and Kidney Stones	226–252
Diabetic Kidney Disease: Basic - 1	253–310
Diabetic Kidney Disease: Clinical Modeling, Diagnosis, Education, and More	311–340
Hypertension, CVD, and the Kidneys: Epidemiology	341–392
Hemodialysis Epidemiology and Outcomes	393–440
Home Dialysis - 1	441–496
Dialysis Vascular Access	497–550
Fluid, Electrolyte, and Acid-Base Disorders: Basic	551–583
Cystic Kidney Diseases: Mechanisms and Models	584–635
Genetic Kidney Diseases: Cohort Studies - Genetic Associations and Diagnoses	636–679
Pediatric Nephrology - 1	680–728
Glomerular Diseases: Mechanisms and Podocyte Biology	729–788
Glomerular Diseases: Inflammation and Immunology	789–848
IgA Nephropathy: Clinical, Outcomes, and Therapeutics	849–907
Glomerular Diseases: Potpourri	908–954
Pathology and Lab Medicine - 1	955–990
Transplantation: Basic	991–1018
Social, Environmental, and Economic Determinants of Kidney Health	1019–1047
Kidney Nutrition and Metabolism	1048–1080
CKD: Epidemiology, Risk Factors, and Prevention - 2	1081–1132
CKD: Kidney Function and Extrarenal Complications	1133–1174
CKD: Mechanisms - 2	1175–1222

Top Trainee Posters - 2

Friday, October 25
1:00–2:00 p.m.

Exhibit Hall B, Futures Theater

Note: Continuing education credits are not being offered for this activity.



Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.

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Discover the Best of ASN Journals at Kidney Week 2024!

Join us for an unmissable session.

What to Expect:

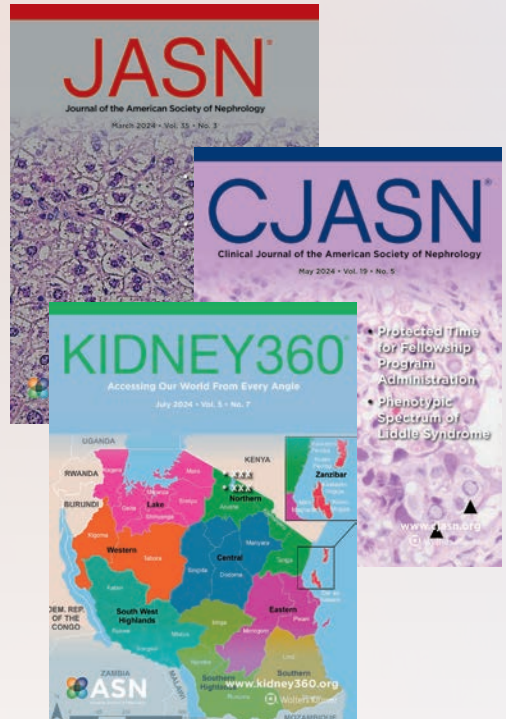
Four editorial board members from ASN journals will showcase a selection of the high impact articles published over the past year. The session will cover key thematic areas, with the authors on hand to answer your questions.

Why Attend?

- **Summarize Key Advances:** Get a comprehensive overview of the high-impact research featured in ASN journals.
- **Explore Therapeutic Breakthroughs:** Learn about significant therapeutic advancements for kidney diseases.
- **Understand Mechanistic Insights:** Gain a deeper understanding of mechanistic studies that inform kidney disease treatment.

Thematic Areas:

AKI and Intensive Care Unit Nephrology, Glomerular Diseases, Therapeutic Advances in CKD, and Care of Patients Undergoing Long-Term Dialysis.



Don't miss this opportunity to engage with leading experts and enhance your knowledge of cutting-edge research in nephrology.

Mark your calendar and be there!

Date: October 25, 2024
Time: 2:00 p.m.
Location: Ballroom 20B/C



Day-at-a-Glance

Saturday, October 26

8:00 a.m. – 9:30 a.m.

Plenary: Barbara T. Murphy Award, Belding H. Scribner Award, Homer W. Smith Award
and Address, State-of-the-Art Lecture.....Hall D

9:30 a.m. – 2:30 p.m. (Exhibit Halls)

Morning Break (9:30 a.m. – 10:00 a.m.)..... Exhibit Hall B
Scientific Exposition and Posters (9:30 a.m. – 2:30 p.m.).....Exhibit Hall B
Poster Presentations by Authors (10:00 a.m. – 12:00 p.m.)Exhibit Hall B
Exhibitor Spotlights (10:00 a.m. – 1:45 p.m.).....Exhibit Hall B
Please see pages 54-55 for spotlight schedule and topics.

10:30 a.m. – 12:30 p.m.

Basic/Clinical Science Sessions

Beyond Antibody-Mediated Rejection: The Innate Immune System in
Clinical Transplant Rejection, Including the Barbara T. Murphy, MB BAO BCH,
Endowed Lectureship..... Ballroom 20B/C
Metabolic Communication and the Kidney Proximal Tubule Room 6D

Clinical Practice Sessions

Conservative Kidney Management and Palliative Care across the Lifespan:
When Less Is More..... Ballroom 20D
Controversies in the Clinical Management of CKD-MBD..... Room 7
Dialysis Quiz and Questionnaire..... Room 6C
Personalization and Precision in AKI Care.....Room 6B
Unraveling the Complexities of Heart Failure in Patients with Kidney Diseases -
Honoring William Henrich..... Room 5

Translational Sessions

Expanding the Diagnostic Toolbox for Kidney Biopsy Room 6A
New Era for Repurposing and Development of CKD Therapies for People
Living with Type 1 Diabetes Ballroom 20A

Oral Abstract Session

High-Impact Clinical Trials - 2.....Hall D

10:30 a.m. – 1:00 p.m.

Top Trainee Posters - 3 (10:30 a.m. – 11:30 a.m.).....Exhibit Hall B, Futures Theater
Top Trainee Posters - 4 (12:00 p.m. – 1:00 p.m.)..... Exhibit Hall B, Futures Theater

12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Limited seating.

Acute Kidney Dysfunction in Cirrhosis: A Case-Based Conversation about
Diagnosis and TreatmentMarriott Grand Ballroom 5
Glucagon-Like Peptide-1 Receptor Agonists and Diabetic Kidney Disease...Marriott Grand Ballroom 13
Targeting Cytokines in IgA Nephropathy:
Understanding and Taking Aim at the "First-Hit".....Marriott Grand Ballroom 8

2:00 p.m. – 4:00 p.m.

Basic/Clinical Science Sessions

Advances in the Molecular Genetics and Protein Dynamics Underlying Ciliopathies Room 4
Hemodialysis-Induced Ischemia: Theoretical or Patient-Related Outcomes?..... Room 6C
Immune Cells and Inflammatory Signaling in AKI.....Room 6B
Molecular-Driven Management of Lupus Nephritis, One Cell at a Time Room 6A

2:00 p.m. – 4:00 p.m.

Basic/Clinical Science Sessions

- New Approaches to GFR: From Physiology to Bedside,
Including the Barry M. Brenner, MD, Endowed LectureshipRoom 24
- Novel Therapeutic Avenues to Explore for ADPKD and Autosomal Dominant
Tubulointerstitial Kidney Disease..... Room 2
- Recent Discoveries in Acid-Base PhysiologyRoom 6D
- Wrangling the RAAS in Kidney Diseases - Honoring Stephen Textor..... Room 5

Clinical Practice Sessions

- Nephrology Quiz and Questionnaire 2024.....Ballroom 20D
- Renal Biopsy: Clinical Correlations 2024..... Room 1

Translational Sessions

- Complications of CKD-MBD: Classic and Nonclassic Effects,
Including the Jack W. Coburn, MD, Endowed Lectureship..... Room 7
- Glomerular Disease Following Kidney Transplantation:
Cutting-Edge Therapeutic Approaches.....Ballroom 20B/C
- Kidney Imaging for Improved CKD Diagnostics.....Room 23
- Mechanisms of Action for Kidney Protection with Novel Therapies for
Diabetic Kidney Disease..... Ballroom 20A

Other Event

- ASN Kidney Health Guidance: Today, Tomorrow, and Beyond..... Room 8

4:00 p.m. – 4:30 p.m.

- Afternoon Break.....Foyers of Ballroom 20 and Room 6A

4:30 p.m. – 6:00 p.m.

Clinical Practice Sessions

- Health Equity Topics in CKDBallroom 20B/C
- Point-of-Care Ultrasonography in Nephrology:
Where Are We and Where Are We Heading?.....Room 6B
- Setting Expectations about Dialysis-Related Symptoms..... Ballroom 20A

Translational Sessions

- Gene-Targeting Therapies across Nephrology.....Ballroom 20D
- Opportunities for Therapeutics Targeting the Glomerular Filtration Barrier Room 6A

Oral Abstract Sessions

- AKI: An Inflamed State of the Union..... Room 5
- Bioengineered Model Systems and Insights in Kidney Development and Function Room 2
- CKD: New Insights into Mechanisms and Treatment Strategies.....Room 24
- Diabetic Kidney Disease - Basic: Discovery to Translational Science Room 7
- Dialysis Vascular Access: Research Advances..... Room 8
- Fluid, Electrolyte, and Acid-Base Disorders: Clinical Advances..... Room 4
- Glomerular Diseases: All about Podocytes Room 1
- Glomerular Diseases: Clinical Advances.....Room 6D
- Pediatric Nephrology: Insights and Innovations.....Room 23
- Transplantation: Clinical Management and Monitoring.....Room 25



For current meeting information search for "ASN Kidney Week" in your app store or scan this QR code.



Saturday, October 26, 8:00 a.m. – 9:30 a.m.

Plenary..... Hall D

Support is provided by an educational grant from Vera Therapeutics.

- 8:00 a.m. **Barbara T. Murphy Award** – Vesna D. Garovic
8:15 a.m. **Belding H. Scribner Award** – Claudio Ronco
8:30 a.m. **Homer W. Smith Award and Address "AKI, Repair, and Generation of Kidney Tissue"** – Joseph Bonventre
9:00 a.m. **State-of-the-Art Lecture "Understanding, Improving, and Applying Human Pluripotent Stem Cell-Derived Kidney Tissues"** – Melissa Little

Saturday, October 26, 10:30 a.m. – 12:30 p.m.

Beyond Antibody-Mediated Rejection: The Innate Immune System in Clinical Transplant Rejection, Including the Barbara T. Murphy, MB BAO BCh, Endowed Lectureship..... Ballroom 20B/C

ASN gratefully acknowledges Verici Dx, Renalytix, and the American Society of Transplantation for supporting the Murphy Endowed Lectureship.

Moderators: Nicolae Leca, Zheng Zhang

- 10:30 a.m. **Innate Immune Cells in Transplant Rejection: What We Know** – Xun-Rong Luo
11:00 a.m. **Molecular Profiling of Kidney Allograft Biopsy: The Long Shadow of Innate Immune Receptors and Cells** – Jasper Callemeyn
11:30 a.m. **Microvascular Inflammation without Donor-Specific Antibodies: Is It Antibody-Mediated Rejection or Something Else?** – Olivier Thauinat
12:00 p.m. **Selective Targeting of the Innate Immune System in Transplantation: The Time Is Now: The Barbara T. Murphy, MB BAO BCh, Endowed Lectureship** – Fadi Lakkis

Metabolic Communication and the Kidney Proximal Tubule.....Room 6D

Moderators: Christine Klemens, Prabhleen Singh

- 10:30 a.m. **Ketones and the Kidneys: Fuel for Tubular Metabolic Cross-Talk** – Sarah Huen
11:00 a.m. **Metabolic Communication by SGLT2 Inhibition** – Markus Rinschen
11:30 a.m. **Role of Tryptophan Metabolism in Kidney Diseases** – Pinelopi Kapitsinou
12:00 p.m. **Metabolite Secretion by the Proximal Tubule: Importance and Clinical Applications** – Bryan Kestenbaum

Conservative Kidney Management and Palliative Care across the Lifespan: When Less Is MoreBallroom 20D

Moderators: Alvin Moss, Devika Nair

- 10:30 a.m. **Integrating Conservative Management into Adult Nephrology Practice** – Jane Schell
11:00 a.m. **Palliative Care Approaches for Children with Kidney Diseases** – Aaron Wightman
11:30 a.m. **Time-Limited Trials of Dialysis: Why, When, and How?** – Jennifer Scherer
12:00 p.m. **A Patient's Perspective on Palliative Dialysis** – David Rush

Controversies in the Clinical Management of CKD-MBD..... Room 7

Moderators: Orlando Gutierrez, Julia Scialla

- 10:30 a.m. **To Treat or Not to Treat Hyperphosphatemia (to Target): Pro** – Joachim Ix
11:00 a.m. **To Treat or Not to Treat Hyperphosphatemia (to Target): Con** – Michael Walsh
11:30 a.m. **Who's on First? First-Line Treatment in Secondary Hyperparathyroidism in ESKD: Calcimimetics** – Sharon Moe
12:00 p.m. **Who's on First? First-Line Treatment in Secondary Hyperparathyroidism in ESKD: Vitamin D Analogues** – Markus Ketteler

Dialysis Quiz and Questionnaire..... Room 6C

ASN thanks the ASN Home Dialysis Steering Committee for assistance with this session.

Moderators: Christopher Chan, Jenny Shen

- 10:30 a.m. **Ultrafiltration in Hemodialysis: Too High, Too Low, Too Fast - Where Do We Go?** – Jennifer Flythe
- 11:00 a.m. **Leaks and Lumps and Bumps, Oh My: Noninfectious Complications in Peritoneal Dialysis** – Joanne Bargman
- 11:30 a.m. **Hemodialysis Vascular Access Complications: A Case-Based Discussion –** Monnie Wasse
- 12:00 p.m. **Home Hemodialysis: When Not to Be Too Prescriptive** – Joel Glickman

Personalization and Precision in AKI Care Room 6B

ASN thanks the ASN AKINow Recovery Workgroup for assistance with this session.

Moderators: Jonathan Himmelfarb, Jennifer Schaub

- 10:30 a.m. **Defining AKI Subphenotypes: Artificial Intelligence and Beyond** – Kathleen Liu
- 11:00 a.m. **How Can AKI Biomarkers Help Inform Individualized Care?** – Jay Koyner
- 11:30 a.m. **Strategies to Promote Recovery in AKI Requiring Dialysis: Personalized Fluid Management and De-escalation** – Samuel Silver
- 12:00 p.m. **Meeting Patients in Their Place: Individualizing AKI Education to Improve Outcomes** – Jia Hwei Ng

Unraveling the Complexities of Heart Failure in Patients with Kidney Diseases - Honoring William Henrich Room 5

ASN thanks the European Renal Association (ERA) and ERA Ambassador, Dr. Christoph Wanner.

Moderators: Janani Rangaswami, Bethany Roehm

- 10:30 a.m. **Novel Mechanisms and Approaches to Diuretic Resistance in Cardiorenal Syndrome: In Memory of William Henrich** – David Ellison
- 11:00 a.m. **SGLT2 Inhibitors to Augment Diuresis in Acute Heart Failure** – Adeera Levin
- 11:30 a.m. **Implementing Guideline-Directed Medical Therapy in Patients with Kidney Diseases and Heart Failure** – Christoph Wanner
- 12:00 p.m. **Blood Volume Regulation and Cardiorenal Syndrome: From Bench to Bedside –** Kaushik Patel

Expanding the Diagnostic Toolbox for Kidney Biopsy Room 6A

Moderators: Clarissa Cassol, Jeffrey Hodgins

- 10:30 a.m. **Laser Capture Microdissection and Mass Spectrometry in Glomerular Diseases –** Sanjeev Sethi
- 11:00 a.m. **Digital Pathology Repository Creation and Consensus Achievement –** Cynthia Nast
- 11:30 a.m. **Spatial Transcriptomics as a Diagnostic Tool: Are We There Yet? –** Shreeram Akilesh
- 12:00 p.m. **Potential Applications of Artificial Intelligence-Based Technology in Kidney Pathology** – Pinaki Sarder

Saturday, October 26, 10:30 a.m. – 12:30 p.m.

New Era for Repurposing and Development of CKD Therapies for People

Living with Type 1 Diabetes..... Ballroom 20A

Moderators: William Herrington, Vikas Sridhar

- 10:30 a.m. **SGLT2 Inhibition and the Potential for Preventing Cardiorenal Complications in Type 1 Diabetes** – Alessandro Doria
- 11:00 a.m. **Finerenone and Mineralocorticoid Receptor Antagonists in Type 1 Diabetes: Past, Present, and Future** – M. Luiza Caramori
- 11:30 a.m. **Incretins and Kidney Protection in Type 1 Diabetes** – Ian De Boer
- 12:00 p.m. **Real-World Evidence of Efficacy and Safety of Adjunctive Therapies for Type 1 Diabetes** – Frederik Persson

High-Impact Clinical Trials - 2 Hall D

Please check the meeting mobile app or the ASN website for the list of abstracts and presenters.

Saturday, October 26, 12:45 p.m. – 1:45 p.m.

Educational Symposia (Marriott Marquis San Diego Marina)

Doors open at 12:30 p.m. Lunch is provided.

Limited seating; first-come, first-served to fully paid Annual Meeting participants.

Acute Kidney Dysfunction in Cirrhosis:

A Case-Based Conversation about Diagnosis and Treatment..... Marriott Grand Ballroom 5

Support is provided by an educational grant from Mallinckrodt Pharmaceuticals.

- 12:45 p.m. **Introduction** – Heather May (Moderator)
- 12:55 p.m. **The Differential Dance: A Case-Based Discussion of Etiologies and Mechanisms of Acute Kidney Dysfunction in Cirrhosis** – Neesh Pannu
- 1:15 p.m. **Mastering Management: A Case-Based Discussion of Therapies for Acute Kidney Dysfunction in Cirrhosis** – Mitra Nadim
- 1:35 p.m. **Questions and Answers**

Glucagon-Like Peptide-1 Receptor Agonists and

Diabetic Kidney Disease Marriott Grand Ballroom 13

Support is provided by an educational grant from Novo Nordisk.

- 12:45 p.m. **Introduction** – Subramaniam Pennathur (Moderator)
- 12:55 p.m. **GLP-1 RAs in Diabetic Kidney Disease: Focus on Kidney Outcomes** – Peter Rossing
- 1:15 p.m. **GLP-1 RAs: On the Mechanisms of Renoprotection** – Radica Alicic
- 1:35 p.m. **Questions and Answers**

Targeting Cytokines in IgA Nephropathy:

Understanding and Taking Aim at the "First-Hit" Marriott Grand Ballroom 8

Support is provided by an educational grant from Vera Therapeutics.

- 12:45 p.m. **Introduction** – Lavinia Negrea (Moderator)
- 12:55 p.m. **The Pathogenic Role of Cytokines BAFF and APRIL in IgAN** – Bobby Chacko
- 1:15 p.m. **Treatment Strategies Targeting the First Hit in IgAN** – Fernando Fervenza
- 1:35 p.m. **Questions and Answers**

Saturday, October 26, 2:00 p.m. – 4:00 p.m.

Advances in the Molecular Genetics and Protein Dynamics Underlying Ciliopathies Room 4

Moderators: Erica Davis, Pamela Tran

- 2:00 p.m. **Molecular Genetics of the Ciliopathies: Challenges and Opportunities** – Jeremy Reiter
- 2:30 p.m. **Elucidating Functional Cellular Modules and Protein Networks in Ciliopathies** – Ronald Roepman
- 3:00 p.m. **Functional Proteomics and Live-Cell Microscopy to Understand Cellular Dynamics in Ciliopathies** – Julie Van De Weghe
- 3:30 p.m. **Extraciliary Roles for Established Ciliary Proteins** – Helen May-Simera

Hemodialysis-Induced Ischemia: Theoretical or Patient-Related Outcomes? Room 6C

Moderators: Jane Davis, Suzanne Norby

- 2:00 p.m. **Hemodialysis-Induced Multiorgan Ischemia** – Christopher McIntyre
- 2:30 p.m. **Consequences and Mitigation of Cardiac Stunning** – James Burton
- 3:00 p.m. **Cerebral Blood Flow and Cognitive Function** – Dawn Wolfgram
- 3:30 p.m. **Can Intradialytic Exercise Mitigate Hemodialysis-Induced Myocardial Stunning in Clinical Settings?** – Clara Bohm

Immune Cells and Inflammatory Signaling in AKI Room 6B

Moderators: Pinelopi Kapitsinou, Sho Morioka

- 2:00 p.m. **Immune Landscape in AKI** – Leyuan Xu
- 2:30 p.m. **Macrophage Diversity in AKI** – Jamie Privratsky
- 3:00 p.m. **T Cells in AKI** – Hamid Rabb
- 3:30 p.m. **Clonal Hematopoiesis of Indeterminate Potential and Risk of AKI** – Caitlyn Vlasschaert

Molecular-Driven Management of Lupus Nephritis, One Cell at a Time Room 6A

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Salem Almaani, Craig Gordon

- 2:00 p.m. **Catching Lupus Nephritis Molecular Program In Flagranti: Lessons Learned from Accelerating Medicines Partnership Biopsies** – Soumya Raychaudhuri
- 2:30 p.m. **Lupus Nephritis Activity and Treatment Response in Peripheral Blood Lymphocytes: Deep Immune-Cell Profiling** – Alice Horisberger
- 3:00 p.m. **Urine Proteomics and Liquid Kidney Biopsy in Systemic Lupus Erythematosus** – Andrea Fava
- 3:30 p.m. **Developing Targeted Treatments for Lupus Nephritis: Time for Precision Trials** – Liz Lightstone

New Approaches to GFR: From Physiology to Bedside, Including the Barry M. Brenner, MD, Endowed Lectureship..... Room 24

ASN gratefully acknowledges Monarch Pharmaceuticals for support of the Brenner Endowed Lectureship.

Moderators: Kirk Campbell, Aylin Rodan

- 2:00 p.m. **Unraveling the Mysteries of High GFR in Health and Disease: The Barry M. Brenner, MD, Endowed Lectureship** – Timothy Meyer
- 2:30 p.m. **GFR Stress Test: Assessing Kidney Reserve in CKD** – Bruce Molitoris
- 3:00 p.m. **Direct Measurement of GFR in the Clinic** – Elke Schaeffner
- 3:30 p.m. **GFR Assessment in the Transition from Pediatric to Adult Nephrology: Bridging the Gap** – Susan Furth

Saturday, October 26, 2:00 p.m. – 4:00 p.m.

Novel Therapeutic Avenues to Explore for ADPKD and Autosomal Dominant Tubulointerstitial Kidney Disease..... Room 2

Moderators: Karam Aboudehen, Fouad Chebib

- 2:00 p.m. **Role of PKD1 Upstream Open Reading Frames in Polycystin Dosage: A Potential Therapeutic Avenue?** – Whitney Besse
- 2:30 p.m. **Immune and Metabolic Rewiring to Treat ADPKD** – Katharina Hopp
- 3:00 p.m. **Role of Intracellular Cholesterol Biosynthesis in ADPKD** – Ronak Lakhia
- 3:30 p.m. **Mesencephalic Astrocyte-Derived Neurotrophic Factor for Treatment of Protein Misfolding Diseases: ADTKD** – Ying Chen

Recent Discoveries in Acid-Base Physiology.....Room 6D

Moderators: Sylvie Breton, Brandi Wynne

- 2:00 p.m. **Redefining "Bicarbonate" Transport** – Walter Boron
- 2:30 p.m. **Acid-Base Sensing by AE4** – Helga Vitzthum
- 3:00 p.m. **Role of V-ATPase B1 Subunit in Metabolic Alkalosis** – Carsten Wagner
- 3:30 p.m. **Secretin and the Alkaline Tide** – Jens Leipziger

Wrangling the RAAS in Kidney Diseases - Honoring Stephen Textor Room 5

Moderators: James Luther, Sandra Taler

- 2:00 p.m. **Aldosterone Synthase Inhibition as a "New Kid on the Block" in Hypertension and CKD Treatment** – M. Luiza Caramori
- 2:30 p.m. **Full Circle View of Mineralocorticoid Receptor Antagonism for Treatment of CKD and ESKD** – Rajiv Agarwal
- 3:00 p.m. **Primary Aldosteronism in CKD: Are We Missing the Mark?** – Debbie Cohen
- 3:30 p.m. **Sexually-Dimorphic Responses to Aldosterone Antagonism in Hypertensive Kidneys** – Mykola Mamenko

Nephrology Quiz and Questionnaire 2024..... Ballroom 20D

Moderators: Beatrice Concepcion, Roger Rodby

- 2:00 p.m. **Electrolyte and Acid-Base Disturbances** – Juan Carlos Velez
- 2:30 p.m. **Glomerular Diseases** – Timothy Yau
- 3:00 p.m. **Transplantation** – Julie Ho
- 3:30 p.m. **CKD and Kidney Replacement Therapy** – Anna Burgner

Renal Biopsy: Clinical Correlations 2024 Room 1

ASN thanks the Renal Pathology Society for assistance with this session.

Support for the Digital Pathology Room is provided by Otsuka America Pharmaceutical, Inc.

Moderators: Nicole Andeen, Laura Biederman | Clinical Discussant: Gearoid McMahon

- 2:00 p.m. **Renal Pathology Case Study 1** – Jonathan Zuckerman
- 2:30 p.m. **Renal Pathology Case Study 2** – Satoru Kudose
- 3:00 p.m. **Renal Pathology Case Study 3** – Laura Finn
- 3:30 p.m. **Renal Pathology Case Study 4** – Ritu Gupta

Complications of CKD-MBD: Classic and Nonclassic Effects, Including the Jack W. Coburn, MD, Endowed Lectureship Room 7

ASN gratefully acknowledges Amgen for support of the Coburn Endowed Lectureship.

Moderators: Sharon Moe, Katherine Wesseling-Perry

- 2:00 p.m. **CKD-MBD and the Gut Connection** – Peter Stenvinkel
- 2:30 p.m. **CKD-MBD and the Muscle System** – Christian Faul
- 3:00 p.m. **CKD-MBD and the Heart** – Maren Leifheit-Nestler
- 3:30 p.m. **CKD-MBD and the Skeleton: The Jack W. Coburn, MD, Endowed Lectureship** – Thomas Nickolas

Saturday, October 26, 2:00 p.m. – 4:00 p.m.

Glomerular Disease Following Kidney Transplantation:

Cutting-Edge Therapeutic Approaches..... Ballroom 20B/C

ASN thanks the European Renal Association (ERA) and ERA Ambassador, Dr. Olivier Aubert.

Moderators: Karin True, Alexander Wiseman

- 2:00 p.m. **Current and Novel Approaches to the Treatment of Recurrent FSGS after Transplant** – Flavio Vincenti
- 2:30 p.m. **Clinical Approaches for the Prevention and Treatment of Recurrent Atypical Hemolytic Uremic Syndrome and C3 Glomerulopathy** – Carla Nester
- 3:00 p.m. **Prevention of Diabetic Nephropathy after Kidney Transplant: State-of-the-Art Care Considerations** – Sunita Singh
- 3:30 p.m. **Understanding Transplant Glomerulopathy beyond Histology: Implications for Intervention** – Olivier Aubert

Kidney Imaging for Improved CKD Diagnostics..... Room 23

Moderators: Emily Chang, Pablo Ortiz

- 2:00 p.m. **Emerging Diagnostic and Therapeutic Imaging Strategies** – Barbara Klinkhammer
- 2:30 p.m. **Using CT to Noninvasively Measure Kidney Hemodynamics** – Alejandro Chade
- 3:00 p.m. **Functional MRI in Nephrology** – Kevin Bennett
- 3:30 p.m. **Noninvasive Imaging Biomarkers to Diagnose CKD** – Anand Srivastava

Mechanisms of Action for Kidney Protection with Novel Therapies for

Diabetic Kidney Disease Ballroom 20A

Moderators: Adeera Levin, Ayodele Odutayo

- 2:00 p.m. **SGLT2 Inhibition and Kidney Protection: Bench to Bedside** – Mark Cooper
- 2:30 p.m. **Incretin-Based Therapies and Kidney Protection: Beyond Weight Loss** – Daniël van Raalte
- 3:00 p.m. **Nonsteroidal Mineralocorticoid Receptor Antagonists and Kidney Protection: From Single Cell to Hemodynamics** – Katalin Susztak
- 3:30 p.m. **Goal-Directed Physiological Therapies and the Rationale for Combining Novel Diabetic Kidney Disease Therapies** – Brendon Neuen

ASN Kidney Health Guidance: Today, Tomorrow, and Beyond..... Room 8

Note: Continuing education credits are not being offered for this activity.

Moderators: David Ellison, Holly Kramer

- 2:00 p.m. **Advancing Clinical Care through ASN Kidney Health Guidance: Importance, Differentiation, and Innovation** – Kathleen Liu
- 2:30 p.m. **Changing the Dialogue for Nephrology Care in the Management of Obesity in Persons Living with Kidney Diseases** – Talat Alp Ikizler
- 3:00 p.m. **The Future of ASN Kidney Health Guidance: Highlighting the Development Pipeline for 2025 and Beyond, Outlining the Process for Nominating Topics, and Prioritizing Dissemination** – Sarah Sampsel
- 3:30 p.m. **Developing Patient-Directed Clinical Guidance: Incorporating the Patient Perspective into Clinical Care** – John Ortiz

Saturday, October 26, 4:30 p.m. – 6:00 p.m.

Health Equity Topics in CKD Ballroom 20B/C

Moderators: Rudolph Rodriguez, Milda Saunders

- 4:30 p.m. **CKD in Native Hawaiians and Pacific Islanders** – Reya Mokiao
- 4:50 p.m. **Multifaceted Approaches to Mitigate Kidney Diseases in American Indians and Alaska Natives** – Jason Deen
- 5:10 p.m. **Intersection of Age, Sex, and Racial Disparities in Kidney Transplant Access** – Mara McAdams-DeMarco
- 5:30 p.m. **How to Improve Representation in Nephrology Research Studies** – Susanne Nicholas

Point-of-Care Ultrasonography in Nephrology:

Where Are We and Where Are We Heading? Room 6B

Moderators: Eduardo Argaiz, Elaine Kaptein

- 4:30 p.m. **POCUS Mastery Blueprint: Crafting a Competency-Driven Longitudinal Curriculum** – Abhilash Koratala
- 4:50 p.m. **POCUS-Assisted Volume Status in Hemodialysis: Possibilities and Limitations** – Nathaniel Reisinger
- 5:10 p.m. **POCUS in Evolving Specialties: Insights from an Onconephrologist** – Bhavna Bhasin-Chhabra
- 5:30 p.m. **Cardiac and Lung Ultrasonography for the Nephrologist: Moving beyond Isolated Organ Imaging** – Anju Yadav

Setting Expectations about Dialysis-Related Symptoms..... Ballroom 20A

Moderators: Mary Baliker, Manisha Jhamb

- 4:30 p.m. **Post-dialysis Fatigue: Causes and Consequences** – Lucile Parker Gregg
- 4:50 p.m. **Causes and Consequences of Dialysis-Related Cramping** – Michelle Richardson
- 5:10 p.m. **Measuring Dialysis-Related Symptoms: Are We Getting It Right?** – Mark Unruh
- 5:30 p.m. **Does Dialysis Modality Make a Difference in Symptoms? Setting Patient Expectations** – Yuvaram Reddy

Gene-Targeting Therapies across Nephrology Ballroom 20D

Moderators: Moumita Barua, Eun ji Chung

- 4:30 p.m. **360° View of Gene Therapy for CKD** – Matthew Wilson
- 4:50 p.m. **Gene Therapy Targeting the Podocyte: Monogenic Disease and Beyond** – Moin Saleem
- 5:10 p.m. **Targeting MicroRNA for the Treatment of PKD** – Vishal Patel
- 5:30 p.m. **Gene-Targeted Therapy for Hyperoxaluria: Results from Recent Clinical Trials** – Mini Michael

Opportunities for Therapeutics Targeting the Glomerular Filtration Barrier Room 6A

Support is provided by an educational grant from Travere Therapeutics, Inc.

Moderators: Gabriel Cara-Fuentes, Mira Krendel

- 4:30 p.m. **Glomerular Filtration Barrier Inside Out: New Insights from Imaging** – Janos Peti-Peterdi
- 4:50 p.m. **Insights from Building the Glomerular Filtration Barrier** – Evren Azeloglu
- 5:10 p.m. **Glomerular Basement Membrane Components in Glomerular Function and Diseases** – Jeffrey Miner
- 5:30 p.m. **Targeted Treatments for the Glomerular Filtration Barrier** – Alessia Fornoni

Saturday, October 26, 4:30 p.m. – 6:00 p.m.

ORAL ABSTRACT SESSIONS

AKI: An Inflamed State of the Union Room 5
Moderators: Jeffrey Beamish, Leslie Gewin

Bioengineered Model Systems and Insights in Kidney Development and Function Room 2
Moderators: Craig Brooks, Cheng "Jack" Song

CKD: New Insights into Mechanisms and Treatment Strategies Room 24
Moderators: Sandeep Mallipattu, Ambra Pozzi

Diabetic Kidney Disease - Basic: Discovery to Translational Science Room 7
Moderators: Farhad Danesh, Karin Jandeleit-Dahm

Dialysis Vascular Access: Research Advances Room 8
Moderators: Moro Salifu, Adina Voiculescu

Fluid, Electrolyte, and Acid-Base Disorders: Clinical Advances Room 4
Moderators: Niralee Patel, Joshua Rein

Glomerular Diseases: All about Podocytes Room 1
Moderators: Eunsil Hahm, Jacqueline Ho

Glomerular Diseases: Clinical Advances Room 6D
Moderators: Dawn Caster, Nasim Wiegley

Pediatric Nephrology: Insights and Innovations Room 23
Moderators: Myda Khalid, Smitha Vidi

Transplantation: Clinical Management and Monitoring Room 25
Moderators: Deborah Adey, Fuad Shihab

Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.

Poster Sessions

Saturday, October 26 | Exhibit Hall B

Poster Topics

Board #s

NIH/NIDDK and Informational Posters - 3	INFO01–INFO13
Augmented Intelligence, Large Language Models, and Digital Health.....	001–023
AKI: Clinical, Outcomes, and Trials - Management	024–073
AKI: Inflammation and Cell Cycle.....	074–110
AKI: Metabolism and Cell Death	111–166
Onconephrology: Kidney Outcomes during Cancer Treatment and Nephropathies.....	167–223
CKD-MBD: Basic and Translational	224–253
Diabetic Kidney Disease: Basic - 2.....	254–292
Diabetic Kidney Disease: Clinical Pathology, Diagnostic and Treatment Advances	293–334
Hypertension, CVD, and the Kidneys: Clinical Research.....	335–386
Hemodialysis and Frequent Dialysis - 2.....	387–435
Home Dialysis - 2.....	436–490
Acid-Base, Calcium, Potassium, and Magnesium Disorders: Clinical.....	491–543
Bioengineering	544–567
Cystic Kidney Diseases: Genetic Causes, Modifiers, and Extrarenal Manifestations....	568–612
Genetic Kidney Diseases: Models, Mechanisms, and Therapies.....	613–656
Pediatric Nephrology - 2	657–699
Glomerular Diseases: Therapeutic Strategies	700–733
ANCA-Associated Vasculitis, Anti-GBM Disease, and Other RPGN	734–792
C3G, TMA, MGRS, Amyloidosis, and More	793–851
Glomerular Diseases: Case Reports - 2.....	852–906
Pathology and Lab Medicine - 2.....	907–939
Transplantation: Clinical - 3.....	940–991
Transplantation: Clinical - 4.....	992–1040
Women's Health and Kidney Diseases	1041–1063
CKD: Epidemiology, Risk Factors, and Prevention - 3	1064–1111
CKD: Patient-Oriented Care and Case Reports.....	1112–1158
CKD: Mechanisms - 3.....	1159–1202

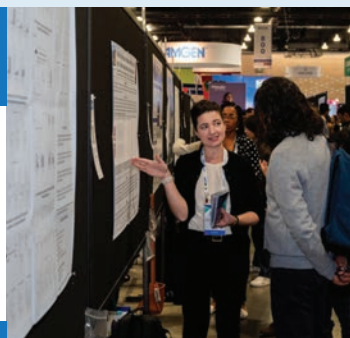
Top Trainee Posters - 3 and 4

Saturday, October 26
10:30–11:30 a.m.

Saturday, October 26
12:00–1:00 p.m.

Exhibit Hall B, Futures Theater

Note: Continuing education credits are not being offered for this activity.



Please refer to the meeting mobile app or the ASN website for the list of abstracts and presenters.

Discover the Future of Kidney Care at the Scientific Exposition

Exhibit Halls A-C (Enter at Hall B)

Join ASN at the cornerstone of Kidney Week—where innovation meets inspiration. The Scientific Exposition is your gateway to exploring the latest advancements and technologies in kidney care. Engage with over 145 exhibiting companies, experience cutting-edge demonstrations, and network with professionals who share your commitment to advancing patient care. From pharmaceutical breakthroughs to imaging innovations, this is where the future of kidney care comes to life.

Highlights include:

- Over 145 Exhibiting Companies
- ASN Career Fair
- ASN Communities Lounge
- Attendee Lounges
- Headshot Lounge
- Complimentary Refreshment Breaks
- 12 Exhibitor Spotlights
- Fellows-in-Training (FIT) Bowl
- 3,000+ Posters with Moderated Poster Sessions
- Welcome Reception
- Wi-Fi Service

Exhibit Hall and Poster Schedule

Thursday, October 24	9:30 a.m. – 2:30 p.m.
Friday, October 25	9:30 a.m. – 2:30 p.m.
Saturday, October 26	9:30 a.m. – 2:30 p.m.

Welcome Reception

Thursday, October 24	6:00 – 7:00 p.m.
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Attendee Lounges and Exhibit Hall Refreshment Breaks are supported by Ardelyx, Inc.

The Welcome Reception and Headshot Lounge are supported by Calliditas Therapeutics.



Exhibitor Spotlight Schedule

Thursday, October 24 – Saturday, October 26

Exhibit Hall

Join your colleagues for the latest advances in nephrology practices, products, services, and technologies presented in two theaters on the exhibit hall floor. Seating is limited and available on a first-come, first-served basis.

The 10:00 a.m. presentations include breakfast. All other presentations include lunch.

Thursday, October 24

10:00–10:45 a.m.

Theater 1

Helping Patients Go Home Successfully:
The Home Dialysis Spotlight!

Presented by 

11:00–11:45 a.m.

Theater 2

Jardiance® (empagliflozin) tablets: Expert Perspectives
on Clinical Trial Data and Approved Indications

Presented by  | 

12:00–12:45 p.m.

Theater 1

A Stronger Foundation: Perspectives on an IgA
Nephropathy Therapy with an Updated Indication

Presented by  **TRAVERE**
THERAPEUTICS

1:00–1:45 p.m.

Theater 2

Discover an Innovative Mechanism of Action:
An Oral, Once-Daily HIF-PHI

Presented by 

Friday, October 25

10:00–10:45 a.m.

Theater 1

Navigating IgA Nephropathy: Pathogenesis, the Role
of APRIL, and Patient Case Study

Presented by  Otsuka

11:00–11:45 a.m.

Theater 2

A Different Perspective on Hyperphosphatemia Management:
Evaluating Current Strategies

Presented by  ardelyx

Friday, October 25

12:00-12:45 p.m.

Theater 1

Get to Know FABHALTA® (iptacopan)

Presented by  **NOVARTIS**

1:00-1:45 p.m.

Theater 2

Early Intervention in IgA Nephropathy: An Update
on a Potential Disease-Modifying Therapy

Presented by  **calliditas**
THERAPEUTICS

Saturday, October 26

10:00-10:45 a.m.

Theater 1

Transitions of Care in Kidney Transplant with ENVARUSUS XR®

Presented by  **Veloxis**
PHARMACEUTICALS

11:00-11:45 a.m.

Theater 2

Effective Strategies with HIF PH Inhibitors:
Insights from Real-World Evidence

Presented by  **zydus**
Dedicated To Life

12:00-12:45 p.m.

Theater 1

Rare Disease Across the Lifespan: Helping Patients
with Cystinosis Thrive into Adulthood

Presented by  **AMGEN**

1:00-1:45 p.m.

Theater 2

Potential Approaches to Addressing the Autoimmunity in
Autoimmune Glomerulonephritis

Presented by  **VERTEX**  **ALPINE**
ImmuneSciences™
A Vertex Company

These events are not CE (continuing education) activities.

KIDNEY
WEEK 2024

Day-at-a-Glance

Sunday, October 27

8:00 a.m. – 9:00 a.m.

Plenary: ASN Midcareer Awards, In Memoriam, State-of-the-Art LectureHall D
 ASN Business Meeting.....Hall D

9:30 a.m. – 11:30 a.m.

Basic/Clinical Science Sessions

Everything Starts within the Graft.....Room 7
 Swollen Feet: Immune Mechanisms of Glomerular Diseases.....Room 8
 Transcriptional Control in AKI RecoveryRoom 4
 Unraveling C3 Glomerulopathy: Insights into Diagnosis, Management, and
 Therapeutic Strategies.....Room 6A

Clinical Practice Sessions

AKI Management in Critically Ill Patients.....Room 6B
 Clinical Management of Patients with Genetic Kidney DiseasesRoom 2
 Medication Debates in CKD.....Room 6C
 Practical Management of Hypertension: Novel Approaches and TherapiesRoom 5
 Transitions in Home Dialysis.....Room 1

Translational Session

Diabetic Kidneys and Interorgan Cross-Talk.....Room 6D

Kidney Week On-Demand

Never miss a session with Kidney Week *On-Demand* 2024. With over 250 hours of recorded Annual Meeting presentations, this resource is the best way to get the most out of your meeting experience.

To get your complimentary access code, exchange the voucher in your meeting bag at one of the booths listed below.



Booth 2321



Booth 1729



Access codes are available during Exhibit Hall hours to fully paid Annual Meeting participants only. All recorded presentations will be available in late November.

Sunday, October 27, 8:00 a.m. – 9:00 a.m.

Plenary..... Hall D

Support is provided by an educational grant from Vera Therapeutics.

- 8:00 a.m. **ASN Midcareer Awards**
- 8:15 a.m. **In Memoriam**
- 8:30 a.m. **State-of-the-Art Lecture "The Curative Therapy for Sickle Cell Disease: The Good, The Bad, and The Future" – Michael DeBaun**

ASN Business Meeting..... Hall D

Note: Continuing education credits are not being offered for this activity.

Sunday, October 27, 9:30 a.m. – 11:30 a.m.

Everything Starts within the Graft Room 7

Moderators: Darshana Dadhania, Rania El Fekih

- 9:30 a.m. **Transcriptomic Profiling of Kidney Allograft: Where Does the Injury Start? – Valeria Mas**
- 10:00 a.m. **Epigenetic Profiling of Kidney Allografts – Paul Shiels**
- 10:30 a.m. **Metabolomic Profiling – Paolo Cravedi**
- 11:00 a.m. **Role of Interleukin-33 in Immunological Profiling – Heth Turnquist**

Swollen Feet: Immune Mechanisms of Glomerular Diseases..... Room 8

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Christoph Licht, Mariya Sweetwyne

- 9:30 a.m. **New Insights and Therapeutic Opportunities in Immune-Mediated Glomerular Diseases: The 30,000-Foot View – Tingting Li**
- 10:00 a.m. **Rare Pathogenic Variants in Interleukin-15 Drive Podocyte Injury and Development of FSGS – Gentzon Hall**
- 10:30 a.m. **Reconsidering Popular Notions: Exploring the Paradoxical Role of Interleukin-1 and Interleukin-1 Receptor in Podocyte Protection – Jiafa Ren**
- 11:00 a.m. **Not So Minimal a Change: Updates on the Role of Anti-nephrin Antibodies in Nephrotic Syndrome – Astrid Weins**

Transcriptional Control in AKI Recovery Room 4

ASN thanks the ASN AKINow Basic Science Workgroup for assistance with this session.

Moderators: Pierre Dagher, Anna Greka

- 9:30 a.m. **Extracting Gene Regulatory Signatures from Multi-Omic Data – Julio Saez-Rodriguez**
- 10:00 a.m. **Transcriptional Pausing and Stress Control in the Kidneys – Jason Watts**
- 10:30 a.m. **Transcriptional Control of Recovery in Human AKI: Insights from the Kidney Precision Medicine Project – Jennifer Schaub**
- 11:00 a.m. **Ischemic and Toxic Nephron in Transplanted Kidneys – Sanjeev Kumar**

Unraveling C3 Glomerulopathy: Insights into Diagnosis, Management, and Therapeutic Strategies.....Room 6A

ASN thanks the Kidney Health Initiative (KHI) for assistance with this session.

Support is provided by an educational grant from Travers Therapeutics, Inc.

Moderators: Carla Nester, John Sperati

- 9:30 a.m. **Insights into the Diagnosis of C3 Glomerulopathy** – Dominick Santoriello
- 10:00 a.m. **Drivers of Disease in C3 Glomerulopathy** – Sophie Chauvet
- 10:30 a.m. **Strategic Approaches in the Management of C3 Glomerulopathy** – Matthew Pickering
- 11:00 a.m. **Defining Effective End Points for C3 Glomerulopathy** – Daniel Gale

AKI Management in Critically Ill Patients.....Room 6B

Moderators: Patrick Murray, Edward Siew

- 9:30 a.m. **Fluid Tolerance and Responsiveness in Critically Ill Patients with AKI** – Michael Connor
- 10:00 a.m. **Vasopressor Optimization in AKI** – Raghavan Murugan
- 10:30 a.m. **Management of AKI after Cardiac Arrest** – Sarah Sanghavi
- 11:00 a.m. **The Nephrologist's Role in Managing Hyperammonemia: Liver Failure and Beyond** – Danielle Saly

Clinical Management of Patients with Genetic Kidney Diseases.....Room 2

Moderators: Anthony Bleyer, Amar Majmundar

- 9:30 a.m. **Genetic Resources for the Clinician: Variant Databases and Curation** – Andrew Mallett
- 10:00 a.m. **Role of Genetic Testing in Living Donation and Kidney Transplantation Practice** – Christie Thomas
- 10:30 a.m. **Preimplantation Genetic Testing for Monogenic Kidney Disease** – Whitney Thompson
- 11:00 a.m. **Returning Genetic Results to Patients: Doctors as Genetic Counselors** – Hila Milo Rasouly

Medication Debates in CKDRoom 6C

Moderators: Molly Fisher, Matthew Sparks

- 9:30 a.m. **Gadolinium-Based Contrast Agents Are Safe for Use in CKD: Pro** – Ali Abu-Alfa
- 9:50 a.m. **Gadolinium-Based Contrast Agents Are Safe for Use in CKD: Con** – Ihab Wahba
- 10:10 a.m. **Proton-Pump Inhibitors Cause CKD: Pro** – Linda Awdishu
- 10:30 a.m. **Proton-Pump Inhibitors Cause CKD: Con** – Georges Nakhoul
- 10:50 a.m. **Nonsteroidal Anti-inflammatory Drugs Should Be Part of the Pain Management Armamentarium in CKD: Pro** – Jade Teakell
- 11:10 a.m. **Nonsteroidal Anti-inflammatory Drugs Should Be Part of the Pain Management Armamentarium in CKD: Con** – Wendy St. Peter

Practical Management of Hypertension: Novel Approaches and TherapiesRoom 5

Moderators: Paul Drawz, Dana Miskulin

- 9:30 a.m. **Dosing for Antihypertensive Medications in Patients with Kidney Diseases: Does Timing Matter?** – Tara Chang
- 10:00 a.m. **Almost a Decade after the SPRINT Trial: Where Are We Now with BP Targets in CKD?** – Alfred Cheung
- 10:30 a.m. **Management of Orthostatic Hypotension: Changing the Paradigm** – Cyndya Shiao
- 11:00 a.m. **BP Management in the Inpatient Setting** – Timothy Anderson

Sunday, October 27, 9:30 a.m. – 11:30 a.m.

Transitions in Home Dialysis..... Room 1

ASN thanks the ASN Home Dialysis Steering Committee for assistance with this session.

Moderators: Osama El Shamy, Bradley Warady

- 9:30 a.m. **Transitions to and from Kidney Transplantation and Home Dialysis** – Jeffrey Perl
- 10:00 a.m. **Pediatric Home Dialysis to Adult Home Dialysis** – Cozumel Pruette
- 10:30 a.m. **Transitions between Home Dialysis Modalities: How Can We Improve?** – Annie-Claire Nadeau-Fredette
- 11:00 a.m. **Improving Transitions from Home Dialysis to In-Center Dialysis** – Karthik Tennankore

Diabetic Kidneys and Interorgan Cross-Talk.....Room 6D

Moderators: Ana Konvalinka, Hetal Shah

- 9:30 a.m. **Cardiorenal Cross-Talk in Diabetic Kidney Disease** – Luigi Gnudi
- 10:00 a.m. **Hematorenal Cross-Talk in Diabetic Kidney Disease: Clonal Hematopoiesis of Indeterminate Potential** – Tanika Kelly
- 10:30 a.m. **Lipids and Diabetic Kidney Disease** – Philipp Scherer
- 11:00 a.m. **Hepatorenal Cross-Talk in Diabetic Kidney Disease** – Anna Mae Diehl



Discover Your Professional Value with Phairify at ASN Kidney Week

As an ASN member, you gain complimentary access to Phairify's Physician Value Exchange. This powerful tool offers nephrology-specific compensation and productivity data, helping you make informed career decisions and advance your career. Benchmark your career, define your own terms, and anonymously share your preferences with employers, all while staying up-to-date with market trends.

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Learn more at Booth #733 in the Scientific Exposition

“Although it is hard to know at which point basic science discoveries will have an impact on patient care, the more we know, the more likely it is that the knowledge we produce can be translated into treatments.”



María Castañeda-Bueno, PhD

*Instituto Nacional de Ciencias Médicas y
Nutrición Salvador Zubirán*

2024 Joseph V. Bonventre Career
Development Grant Recipient

The investigators funded by KidneyCure share your commitment to improving the lives of millions living with kidney diseases. María Castañeda-Bueno, PhD, who focuses on understanding the regulation of Na⁺ and K⁺ handling by the kidney, is determined to advance kidney physiology and mentor “the future generation of kidney scientists.”

Your support is crucial to funding the diverse ideas that will progress our field.

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ASN Excellence In Patient Care

Empowering the Kidney Community

Excellence in Patient Care (EPC) is at the forefront of ASN's mission to transform kidney care. By uniting nephrologists, kidney care professionals, patient advocates and key partners, EPC fosters clinical leadership and drives impactful initiatives that address the most pressing clinical priorities:

- **Acute Kidney Injury (AKI):** AKINow advances prevention and treatment standards for AKI.
- **Diabetic Kidney Disease:** The Diabetic Kidney Disease Collaborative (DKD-C) addresses critical needs in diagnosis and treatment of people with DKD.
- **Dialysis Access:** Through Fostering Inclusivity in Dialysis Access (FinD), a leadership training program, and Transforming Dialysis Access Together (TDAT), EPC is defining nephrology training and addressing health care disparities.
- **eGFR Diagnostic Excellence:** The eGFR Toolkit promotes nationwide adoption of the race-free equation for kidney diseases.
- **Emergency Preparedness:** The Emergency Partnership Initiative (EPI) coordinates services to support kidney care professionals and patients during disasters.
- **Emerging Pathogens & Vaccinations: Current and Emerging Threats (CET) and the Kidney Community Vaccination Collaborative (KCVC)** equip the community to combat health threats.
- **Glomerular Diseases:** The Glomerular Diseases Collaborative (GD-C) promotes high quality care and enhances training and awareness.
- **Home Dialysis:** Augment Fellows training through the Home Dialysis Project (HDP) to improve knowledge and access to home dialysis.
- **Infection Prevention:** Project Firstline delivers innovative infection control education, while Human Factors Engineering optimizes practices specific to dialysis.

EPC's commitment extends to providing cutting-edge education and resources, including interactive learning modules and a comprehensive library of webinars.

For more information, scan this QR code:



Join EPC at Kidney Week to engage with our experts on the latest advancements in kidney care. For more information, visit epc.asn-online.org or scan the QR code.



Top Advocacy Victories in 2024

In 2024, ASN achieved significant milestones in kidney health advocacy, focusing on early intervention, transforming transplant processes, accelerating innovation, achieving equity, and bolstering the kidney health workforce. These victories underscore ASN's commitment to advancing kidney care, supporting patients, and influencing policy at the highest levels. Here are the key accomplishments:

✓ INTERVENE EARLIER TO PREVENT, DIAGNOSE, COORDINATE CARE, AND EDUCATE

- Increased Congressional awareness of kidney disease screening
- Called for the establishment of an Officer of Kidney Health and Transplantation
- Continued advocating for screening recommendation by USPSTF

✓ TRANSFORM TRANSPLANT AND INCREASE ACCESS TO DONOR KIDNEYS

- Enshrined ASN advocacy in CMMI Increasing Organ Transplant Access (IOTA) Model
- Improved support for living donors through the Honor Our Living Donors (HOLD) Act and increased funding for the Living Organ Donor Reimbursement Program
- Secured the largest funding increase for the Organ Procurement Transplantation Network (OPTN) and OPTN Modernization Initiative
- Gained federal commitment to collect data on kidney transplant referrals and waitlisting
- Achieved reimbursement for compounded immunosuppressants widely used with pediatrics

✓ ACCELERATE INNOVATION & EXPAND PATIENT CHOICE

- Established the Transforming Kidney Health Research panel to develop a comprehensive federal research plan
- Sustained federal funding for research and innovation through KidneyX, ARPA-H, and NIDDK
- Advanced the Kidney PATIENT Act to retain Medicare Part D coverage of phosphate-lowering medications

✓ ACHIEVE EQUITY & ELIMINATE DISPARITIES

- Secured the removal of race from the Kidney Donor Profile Index, better reflecting the likelihood of graft failure as well as the fact that that race is a social, not a biological, construct
- Enabled AKI patients to access home dialysis services
- Secured medically necessary oral health coverage for kidney failure patients
- Assisted state-level advocates in expanding dialysis access for uninsured individuals
- Integrated the Health Care Justice Committee into ASN's policy efforts

✓ BOLSTER THE KIDNEY HEALTH WORKFORCE

- Called for Congress to stabilize the physician workforce through automatic payment adjustments, extending MACRA APM incentive payments, and expanding Medicare supported Graduate Medical Education positions
- Partnered with the American Nephrology Nurses Association to raise awareness about kidney diseases workforce challenges
- Urged KUH to reinstitute the Institutional Research Training Grant (T32) program and continue the KUH U2C-TL1 program
- Advocated for ACGME accreditation for transplant nephrology in partnership with AST

For real-time policy and advocacy updates, follow [@ASNAdvocacy](#) on X.



The Research, Discovery, and Innovation (RDI) department of the ASN Alliance for Kidney Health offers three programs that stimulate, accelerate, and support biomedical research and innovations for people with kidney diseases.

- **KidneyCure** encourages and supports the kidney research and education workforce through grants and fellowships to pre-doctoral through early-career researchers.
- **Kidney Health Initiative** accelerates biologics, devices, and drugs for people with kidney diseases through collaborations and convenings of the kidney innovation community.
- **KidneyX** is a partnership between ASN and the US Department of Health and Human Services that directs and supports innovations urgently needed by people with kidney diseases.

Visit www.asn-online.org to learn more about ASN's work to increase the nephrology workforce pipeline and foster innovation in kidney care.



**SAVE THE
DATE**

**KIDNEY
WEEK** **20
25**

November 5-9 | Houston, TX



www.asn-online.org



Join us for our presentation at
the American Society of Nephrology's
Kidney Week 2024:

**Potential Approaches
to Addressing the
Autoimmunity in Autoimmune
Glomerulonephritis**

Saturday, October 26, 2024

1:00PM – 1:45PM

Exhibitor Spotlight Theater #2, Exhibit Hall B
San Diego Convention Center, San Diego, CA

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We're driven to make a difference for people living with APOL1-mediated kidney disease (AMKD), autosomal dominant polycystic kidney disease (ADPKD) and IgA nephropathy (IgAN).

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