

AMERICAN SOCIETY OF NEPHROLOGY

KIDNEYWEEK²⁰¹⁶

Chicago, IL • Nov 15 - 20

PRELIMINARY PROGRAM

Registration and General Housing Open June 15

www.asn-online.org/KidneyWeek

McCormick Place[®]

ASN⁵⁰
years

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ASN KIDNEY WEEK® 2016

Reinventing Nephrology: From Molecule to Man

ASN is proud to host the world's largest and most exciting meeting of kidney professionals. ASN Kidney Week provides participants with unparalleled opportunities to share their own work, learn about the latest advances in the field, and listen to provocative and engaging exchanges between leading experts.

Reinventing Nephrology: From Molecule to Man is the theme of this year's Kidney Week and is incorporated throughout the meeting. This theme honors the history, commitment, and dedication of kidney health professionals worldwide who focus time and expertise to advance the lives of millions of people with kidney diseases.

Important Dates (2016)

April 6	Abstract Submission Site Opens
June 8	Abstract Submission Site Closes (2:00 p.m. EDT)
June 15	Registration and General Housing Opens
June 15	Travel Support Application Opens
July 13	Late-Breaking Clinical Trial Submission Site Opens
July 20	Travel Support Application Closes (2:00 p.m. EDT)
September 7	Late-Breaking Clinical Trial Submission Site Closes (2:00 p.m. EDT)
September 14	Early Registration Closes
October 14	General Housing Closes
November 2	Advance Registration Closes
November 3	Late Registration Fees Begin
November 15	Onsite Registration Opens in Chicago, IL
November 15–16	Kidney Week: Early Programs
November 17–20	Kidney Week: Annual Meeting

Registration and Housing

Everything you need for registration and housing is available at www.asn-online.org/KidneyWeek.

Questions?

Registration & Individual Housing

ONLINE www.asn-online.org/KidneyWeek

CALL 866-849-8868 or 703-449-6418

International Group Housing

ONLINE www.asn-igh.com

CALL 305-865-4648

ASN's 50th Anniversary

Honoring the Past as We Prepare for the Future
50 Years of Leading the Fight



The American Society of Nephrology (ASN) marks 50 years of leading the fight against kidney diseases in 2016. Throughout the year, ASN will recognize kidney health advances from the last half century and look forward to new innovations in kidney care. Celebrations will culminate at this year's ASN Kidney Week, November 15–20, 2016, at McCormick Place in Chicago, IL.

"As we commemorate the 50th anniversary of the founding of the American Society of Nephrology, it allows us to reflect on the role that ASN has played in helping to shape our discipline and to look forward to how nephrology will evolve. Since its inception, ASN has played decisive roles in promoting education, research, and advocacy for our patients and our profession, and going forward we will continue to lead the fight to prevent, treat, and cure kidney diseases throughout the world."

— Raymond C. Harris, MD, FASN, ASN President

Learn more at www.asn50.org.

Welcome Reception

Thursday, November 17, 6:30 p.m. – 7:30 p.m.

To commemorate ASN's 50th anniversary, the society will host a Welcome Reception for all Kidney Week participants in the exhibit hall. This celebratory event will provide participants with an additional unopposed hour to engage with exhibitors and explore the exhibit hall.

In addition to the Welcome Reception, ASN will have booths celebrating the past, present, and future of both ASN and nephrology in the exhibit hall. Take a walk down memory lane in one of these booths celebrating our history and the history of nephrology.

Early Programs

Each Early Program is a 1- or 2-day course that addresses a specific topic in nephrology and requires separate registration from the Annual Meeting.

Two-Day Early Programs

(Tuesday, November 15–Wednesday, November 16)

- Advances in Research Conference—Metabolic Phenotyping: From Mouse to Man (new)
- Critical Care Nephrology: 2016 Update
- Diagnosis and Management of Disorders of Acid-Base, Fluid, and Electrolyte Balance: Challenging Issues for the Clinician
- Fundamentals of Renal Pathology
- Glomerular Diseases Update: Diagnosis and Therapy 2016
- Kidney Transplantation
- Maintenance Dialysis
- Maintenance of Certification Review

One-Day Early Programs

(Wednesday, November 16)

- Clinical Nephro-Pharmacology across the Spectrum of Kidney Diseases
- Evaluation and Management of Kidney Stones (new)

Please note that CME credits vary per program.

Spotlight on New Programs

The **Advances in Research Conference—Metabolic Phenotyping: From Mouse to Man** provides a systems approach to better understanding diabetes and metabolic diseases. An emphasis is placed on the pathogenesis of metabolic diseases, state-of-the-art tools to study metabolism, impact of diabetes on renal function, and new therapeutic advancements in treating metabolic diseases.

The **Evaluation and Management of Kidney Stones** program reviews the current state of the art with respect to evaluation and management of all forms of stone disease. The role of stone imaging modalities is reviewed, including considerations regarding radiation risk. Finally, the indications, risks, and benefits of various surgical approaches for stone removal are presented.

Visit www.asn-online.org/KidneyWeek for more details and registration fees for all Early Programs.

KIDNEY WEEK® 2016

Target Audience

- Physicians
- 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

Learning Objectives

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

- Identify recent discoveries in basic, translational, and clinical research in nephrology;
- Construct new research questions based on updated scientific and clinical advances in nephrology-related disciplines; and
- 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.

CME Credit—Annual Meeting

The American Society of Nephrology (ASN) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The ASN designates this live activity (Annual Meeting) for a maximum of 31.0 *AMA PRA Category 1 Credits*™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American Academy of Physician Assistants accepts certificates of participation for educational activities certified for *AMA PRA Category 1 Credit*™ from organizations accredited by ACCME or a recognized state medical society. Physician assistants may receive a maximum of 31.0 hours of Category 1 credit for completing this program.

CNE Credit—Annual Meeting

The School of Nursing at the University of North Carolina at Chapel Hill is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

The School of Nursing at the University of North Carolina at Chapel Hill designates this educational activity for a maximum of 29.5 ANCC hours.

CPE Credit—Annual Meeting

The University of Minnesota, College of Pharmacy is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education.



These activities may be eligible for up to 29.5 Contact Hours of ACPE credit; see final announcement for specific details.

Participants should only claim credit commensurate with the extent of their participation in the activity.

Annual Meeting Highlights

State-of-the-Art Lectures

“The Causes and Consequences of Human Obesity: Lessons from Genetics”
(Thursday, November 17)

Stephen O’Rahilly, MD, University of Cambridge

“Reflex Circuits in Immunity: Bioelectronic Medicine” (Friday, November 18)

Kevin J. Tracey, MD, Feinstein Institute for Medical Research,
Hofstra Northwell School of Medicine

“A Fly Model of Diabetic Nephropathy” (Saturday, November 19)

Ross L. Cagan, PhD, Icahn School of Medicine at Mount Sinai

“Enteroendocrine Physiology Informs Drug Design for Type 2 Diabetes and Obesity”
(Sunday, November 20)

Daniel J. Drucker, MD, University of Toronto, Mount Sinai Hospital

ASN-AHA Young Investigator Award and Address

“Living Kidney Donor Transplantation: Improving Safety, Access, and Outcomes”
(Sunday, November 20)

Amit X. Garg, MD, PhD, London Health Sciences Centre

Endowed Lectureships

Christopher R. Blagg, MD, Lectureship in Renal Disease and Public Policy

“Optimizing Transitions for Our Patients in and out of the Hospital: Justifying Theory and Practice” (Thursday, November 17)

To be confirmed

Barry M. Brenner, MD, Endowed Lectureship

“Fibrotic Changes Mediating AKI to CKD Transition” (Friday, November 18)

Benjamin D. Humphreys, MD, PhD, FASN, Washington University School
of Medicine

Jack W. Coburn, MD, Endowed Lectureship

“Pathophysiology of Renal Osteodystrophy” (Sunday, November 20)

Susan M. Ott, MD, University of Washington Medical Center

Robert W. Schrier, MD, Endowed Lectureship

“Biomarkers of Structural Pathology in Diabetic Kidney Disease and Renal
Function Decline” (Friday, November 18)

Robert G. Nelson, MD, PhD, National Institutes of Health, Diabetes Epidemiology
and Clinical Research Section

Michelle P. Winn, MD, Endowed Lectureship

“GWAS in Nephrology” (Thursday, November 17)

Cheryl Ann Winkler, PhD, National Institutes of Health, Molecular Genetic
Epidemiology Studies Section

Basic and Clinical Science Sessions

Basic and Clinical Science Sessions report on current basic science research or clinical science research in nephrology, as well as update and translate this knowledge to clinical practice.

- A New Dawn for Diabetic Kidney Disease from Mitochondrial Dynamics
- A Tale of Vessels, Hearts, and Kidneys
- Adversary versus Ally: Biology of FGF23 and Klotho
- After the Fall: Beyond AKI
- Allograft Tolerance in Our Time?
- Autoimmunity in Essential Hypertension: Myeloid Cells under Oxidative Stress
- Bone–Vascular Axis: Mechanism and Management on the Horizon
- Clinical Research in Nephrology: The Next Frontier
- Diabetes, Metabolism, and Renal Transport
- Digital Pathology: Role in Diagnosis and Research
- Establishing the Cilium and Its Unique Signaling Functions
- Feeling the Pinch of Salt: Intrarenal Renin-Angiotensin System and Hypertension
- From Not So Simple to Very Complex: Genetic Approaches to Understand Human and Rodent Kidney Diseases
- G Proteins, Ligands, and Biased Agonists, Oh My! Unconventional Mechanisms of Signal Processing
- Genetics of Kidney Transplantation
- Genome Editing Approaches: Fresh Insights
- Getting on Your Nerves: Role of Sympathetic and Parasympathetic Outflow in Hypertension and CKD
- Glomerular Basement Membrane: The Tie that Binds
- Golden Nuggets: Role of Exosomes and Microvesicles in Kidney Diseases
- Growth Factors in Kidney Diseases: Wnts and Friends
- HELPful Insights into Preeclampsia
- Impact of AKI on Distant Organ Function: Updated Findings
- In Vivo Pathology: Functional Imaging of the Kidney
- Inflammation and Diabetic Kidney Disease: Still a Burning Question
- Intercalated Cells: Major Roles for a Minority Population
- Interventions in Ciliopathies: The Long and Short of It
- Kidney in a Dish
- Kidney in Depth: Inner Medulla and Vasa Recta
- Lipid Metabolism in Diabetic Kidney Disease
- LncING RNAs with Diabetic Nephropathy
- Marching Forward with New Treatments for Old Ailments
- Mechanisms and New Treatment Opportunities for Renal Fibrosis
- Mechanisms of AKI to CKD Continuum
- Moving Magnesium and Phosphate in Health and Disease
- Na⁺-ture K⁺-alls: New Concepts in Maintenance of Na⁺ and K⁺ Homeostasis
- Oh Where, Oh Where Have My Podocytes Gone?
- OncoNephrology
- Open for Business: New Insights to Hemodialysis Vascular Access
- Organ-ization through Arborization: Regulation of Ureteric Bud Branching Morphogenesis
- Oxygen Metabolism in Diabetic Kidney Disease: A Breath of Fresh Air
- Peritoneal Dialysis and a Scarred Belly
- Predicting Drug Disposition in CKD: Not Just a Renal Affair
- Push Me–Pull You: Podocyte Cytoskeleton in Health and Disease
- Sirtuins Meet Renal Medicine
- Strangers in a Strange Land: Role of Nonrenal Cells and Organelles in AKI
- Suffocation of the Kidney: Ischemia and Its Consequences
- T Cell–Mediated Rejection
- Take the Urea out of Uremia
- Tuft Plumbing: Physiology and Pathophysiology of Glomerular Endothelium
- Understanding and Targeting Autophagy in Diabetic Kidney Disease
- Unfolding Unfolded Protein Responses in Kidney Diseases
- WiNKing at Ion Transport
- You Are What You Eat: Diet and CKD

Clinical Practice Sessions

Clinical Practice Sessions review or integrate new knowledge into the current state of clinical practice in the care of patients with kidney disease.

- Advances in Evidence-Based Care for Pediatric Renal Diseases
- AKI and CKD: Interactions and Implications for Global Health
- AKI in the Setting of Heart Failure: Finding Ways to Make Both Organs Happy
- AKI: Oh What to Do?
- ANCA-Associated Vasculitis: An Evolving Disease
- Antibody-Mediated Rejection: What Do We Really Know?
- Breaking the Cycle: New Approaches to Treating Resistant Hypertension
- Bridging the Gap between Evidence and Practice of Peritoneal Dialysis
- ClinicoPathologic Conference
- Complement: It's Everywhere
- Discompuzzled: What to Do When Practice and Evidence Don't Align
- Emerging Issues in Living Kidney Donation
- Fertility in CKD
- Getting Patients on Board: Best Practices in Hypertension Diagnosis, Lifestyle Change, and Adherence
- Giving and Receiving: Role of the Physician in Patient Transitions of Care
- HCV and the Kidney: Let Bygones Be Bygones
- Hemophobia: What Do Patients Really Want on Dialysis
- Home Hemodialysis: Alpha to Omega
- Hypertension Challenges across the Spectrum of CKD
- Lupus Nephritis: Back by Popular Demand
- Making Nephrology an On-Study Specialty: Challenges and Opportunities
- Management of Diabetes in Diabetic Kidney Disease: Are We Doing It Right?
- Membranous Nephropathy: From the Discovery of an Antigen to a Novel Treatment
- Merging Genetic Science with Clinical Care
- Nephrology Quiz and Questionnaire
- Nephropathology of Infection-Associated Kidney Disease
- New and Old Monoclonal Gammopathies of Renal Significance
- New Kidney Allocation System: What It Means for Your Patients
- Paradigm Shifts in Diabetic Kidney Disease
- Paraproteinemia: What Is Important for Nephrologists?
- Patient-Centric Approaches to Kidney Disease Innovation
- Physiology-Based Approach to Management of Common Electrolyte Disorders
- Renal Biopsy: Clinical Correlations
- Them Bones, Them Bones: Keeping Them Healthy in CKD
- To P or Not to P: Prevention and Prediction of AKI
- Tubulointerstitial Disease: Double Trouble in the Kidney
- Urinary Stone Disease
- Vexing Problems in Dialysis Patients
- Water (and Salt) Logged: Selective Effects of Diuretics and Aldosterone Antagonists in Hypertension

Translational Sessions

Translational Sessions include scientific research that is intended to update and/or translate to clinical practice for the care of patients with kidney diseases.

- Biomarker Identification and Validation in the Management of CKD
- Clinical and Translational Science to Reduce Health Disparities
- From Genes to Jeans: Obesity in Kidney Transplantation
- FSGS Update
- IgA Nephropathy: Are We There Yet?
- Managing Genetics and Genomics Data in the Modern Era
- Seeing through the Haze: New Advances in Drug-Induced AKI
- SPRINTing to New BP Treatment Goals
- The 900-Pound Gorilla in the Room: Obesity, Diabetes, and the Kidney
- Times They Are a-Changin': Hope for Steroid-Dependent Children?

Special Sessions

- Alternative Payment Models: Creating a Post-Fee-for-Service World
- Dialysis Outcomes and Practice Patterns Study Program: Celebrating 20 Years and Looking Ahead
- Highlights from ERA-EDTA Congress in Vienna
- iPatient: Providing Kidney Care via Telehealth
- Nephrology Faculty Development 2016: Art and Science of Teaching

“High-Impact Clinical Trials” Session

Saturday, November 19, 10:30 a.m. – 12:30 p.m.

This session features the leading clinical trials in nephrology.

Oral Abstract Sessions

Thursday, November 17 – Saturday, November 19, 4:30 p.m. – 6:30 p.m.

These daily sessions feature cutting-edge science in key topic areas, including the following: AKI, Bioengineering and Informatics, Cell Biology, CKD, Developmental Biology and Inherited Kidney Diseases, Diabetes, Dialysis, Fluid/Electrolytes/Acid Base, Genetic Diseases, Geriatric Nephrology, Glomerular and Tubulointerstitial Disorders, Hypertension, Mineral Disease, Nephrology Education, Pathobiology, Nutrition, Patient Safety, Pharmacokinetics/Pharmacodynamics/Pharmacogenetics, Transplantation, and Vascular Biology.

Poster Sessions

Thursday, November 17 – Saturday, November 19, 9:30 a.m. – 2:30 p.m.

View thousands of posters daily on the scientific exposition floor. Authors are available from 10:00 a.m. to 12:00 p.m. to discuss their presentations.

CME/CNE/CPE credits will not be awarded for these materials.

Kidney Week On-Demand™

This online program contains approximately 200 hours of Annual Meeting presentations and is available to fully paid participants at no additional cost. View presenters' slides while listening to fully synchronized audio from your computer, tablet, or smartphone.

CME/CNE/CPE credits will not be awarded for these materials.

Scientific Exposition

Thursday, November 17 – Saturday, November 19, 9:30 a.m. – 2:30 p.m.

The scientific exposition floor is a vital part of the Kidney Week educational experience. This unparalleled international venue provides demonstrations of products and services that will enhance your understanding of the latest advancements in pharmaceuticals, devices, imaging, publications, and services important for delivering high-quality patient care. You can engage in peer-to-peer interactions with representatives and businesses that form an integral part of your day-to-day fight against kidney diseases.



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