AMERICAN SOCIETY OF NEPHROLOGY

KIDNEY WEEK 2012

San Diego, CA | Oct 30 - Nov 4

PRELIMINARY PROGRAM

October 30–November 4
San Diego, California
San Diego Convention Center

Registration and General Housing Open June 6
www.asn-online.org/KidneyWeek
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Join ASN and more than 13,000 other kidney professionals from across the globe at Kidney Week 2012. The world’s premier nephrology meeting, Kidney Week provides participants exciting and challenging opportunities to exchange knowledge, learn the latest scientific and medical advances, and listen to engaging and provocative discussions with leading experts in the field.

*Curing Kidney Disease* is the theme of Kidney Week 2012 and the focus of Dr. Ronald J. Falk’s Presidential Address in the Opening Plenary.

For more than 45 years, ASN and its members have advanced kidney treatment and research. Kidney Week supports the commitment and focus of all participants by providing them the best opportunity in the world for sharing knowledge and ideas key to curing kidney disease.

**Important Dates (2012)**

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tr>
<td>Wednesday, April 4</td>
<td>Abstract Submission Site Opens</td>
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<tr>
<td>Wednesday, June 6</td>
<td>Abstract Submission Site Closes (11:59 p.m. EDT)</td>
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<tr>
<td>Wednesday, June 6</td>
<td>Registration and General Housing Opens</td>
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<tr>
<td>Wednesday, July 18</td>
<td>Late-Breaking Abstract Submission Site Opens</td>
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<tr>
<td>Friday, July 20</td>
<td>International Group Housing Deadline</td>
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<tr>
<td>Wednesday, September 12</td>
<td>Late-Breaking Abstract Submission Site Closes (11:59 p.m. EDT)</td>
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<tr>
<td>Wednesday, September 12</td>
<td>Early Registration Closes</td>
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<td>Friday, September 28</td>
<td>General Housing Closes</td>
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<tr>
<td>Wednesday, October 24</td>
<td>Advance Registration Closes</td>
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<td>Tuesday, October 30</td>
<td>Onsite Registration Opens</td>
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<td>Tuesday, October 30–Wednesday, October 31</td>
<td>Kidney Week: Early Programs</td>
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<td>Thursday, November 1–Sunday, November 4</td>
<td>Kidney Week: Annual Meeting</td>
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**Registration and Housing**

Everything you need for registration and housing is available at [www.asn-online.org/KidneyWeek](http://www.asn-online.org/KidneyWeek).

**Questions about registration or housing?**

**Registration**

- **ONLINE**: [www.asn-online.org/KidneyWeek](http://www.asn-online.org/KidneyWeek)
- **CALL**: 202-367-1173

**Individual Housing**

- **ONLINE**: [www.asn-online.org/KidneyWeek](http://www.asn-online.org/KidneyWeek)
- **CALL**: 800-221-3531 or 212-532-1660

**International Group Housing**

- **ONLINE**: [www.asn-igd.com](http://www.asn-igd.com)
- **CALL**: 305-865-4648
Early Programs
ASN offers 16 Early Programs on Tuesday, October 30 and/or Wednesday, October 31, preceding the Annual Meeting (November 1–4). New Early Programs are:

- **Dialysis Facility Medical Directorship**—Covers all aspects of the roles and responsibilities of a Medical Director for a CMS-approved dialysis facility.
- **Renal Relevant Radiology**—Educates training and practicing nephrologists in the mechanistic bases of radiology techniques useful for the practicing nephrologist to improve selection and interpretation of ordered tests.

In-Service Exam
ASN offers for the first time the In-Service Exam on Wednesday, October 31 for practicing nephrologists preparing for American Board of Internal Medicine (ABIM) nephrology subspecialty recertification. This exam addresses all areas of nephrology practice as outlined in the ABIM blueprint.

Refer to page 6 for more information.

Annual Meeting Session Formats
Many educational sessions during the Kidney Week Annual Meeting have new formats including introductions and summaries by the expert moderators and panel discussions. Each session concludes with a question-and-answer period, and audience members are encouraged to participate.

Diabetes Learning Pathway and Abstract Categories
The new Diabetes Learning Pathway includes sessions on medical management, glycation, renin-angiotensin system blockade, uric acid, and renal structure. The Diabetes Mellitus abstract categories cover Basic (Cell Biology, Models) and Clinical topics.

The learning pathways help you locate sessions in your area of interest. The other pathways are:
- Acute Kidney Injury
- Bone and Mineral Metabolism
- Cell and Transport Physiology
- Chronic Kidney Disease
- Development
- Dialysis
- Glomerulonephritis
- Hypertension and Cardiovascular Disease
- Novel Translational Approaches
- Pathology
- Renal Cystic Diseases
- Transplantation and Immunology

Abstract Categories
New abstract categories are: Ethics in Transplant, CKD, and Dialysis; Fellows Case Reports; Patient Safety; Pharmacokinetics/Pharmacodynamics; and Pharmacogenetics/Pharmacogenomics.

Education and Membership for Nurses, Pharmacists, and Physician Assistants (PAs)
Kidney Week 2012 is eligible for continuing medical education (CME) credits for PAs, continuing nursing education (CNE) credits for nurses, and continuing pharmacy education (CPE) credits. Refer to the following page for more information.

Nurses, pharmacists, and PAs who are not ASN members and who register for Kidney Week 2012 at the non-member rate will receive complimentary ASN Affiliate Membership for 2013. ASN will provide registration discounts for educational activities, publications and communications, and membership services. Bring your registration receipt to the ASN Services Counter or Booth in the convention center to complete your membership application and receive a free ASN T-shirt.
Purpose
- Learn basic and clinical science along with advances in clinical practice.
- Network with nephrology luminaries and colleagues from around the globe.
- Enjoy the camaraderie of friends and the culture of San Diego, CA.

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.
- 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
- Researchers
- Physicians-in-training—including medical students, residents, and fellows—and other trainees
- Nurses
- Pharmacists
- Physician Assistants
- Other providers

Continuing Medical Education Credit
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 29.5 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 29.5 hours of Category 1 credit for completing this program.

Continuing Nursing Education Credit
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 contact hours.

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

The University of Minnesota College of Pharmacy designates this educational activity may be eligible for up to 29.5 contact hours of continuing pharmacy education credit.
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. Please note: CNE/CPE credits are not available for Early Programs.

Two-Day Early Programs
(Tuesday, October 30–Wednesday, October 31)
- Advances in Geriatric Nephrology
- Advances in Research Conference: Alloimmunity and Autoimmunity
- CKD: A Recipe for CardioVascular Disaster
- Critical Care Nephrology: 2012 Update
- Diagnosis and Management of Disorders of Acid-Base, Fluid, and Electrolyte Balance
- Dialysis Facility Medical Directorship
- Fundamentals of Renal Pathology
- Glomerulonephritis Update: Diagnosis and Therapy 2012
- Kidney Transplantation for the General Nephrologist
- Maintenance Dialysis: Principles, Practical Aspects, and Case-Based Workshops
- Maintenance of Certification: NephSAP Review and ABIM Modules
- Update in Patient-Centered Outcomes Research in Kidney Disease

In-Service Exam
(Wednesday, October 31)
This exam prepares practicing nephrologists for ABIM nephrology subspecialty recertification and addresses all areas of nephrology practice as outlined in the ABIM blueprint: chronic kidney disease, glomerular/vascular disorders, kidney transplantation, hypertension, electrolyte physiology, sodium/water, acid base/potassium, clinical pharmacology, mineral metabolism, and acute renal failure/ICU nephrology. Exam scores will be available approximately 8 weeks following Kidney Week. Seating is limited.

The In-Service Exam is available as a stand-alone activity or may be combined with the Early Program Maintenance of Certification: NephSAP and ABIM Module.

The In-Service Exam is jointly administered by ASN and the National Board of Medical Examiners.

One-Day Early Programs
(Wednesday, October 31)
- Interventional Nephrology for the General Nephrologist
- Onco-Nephrology: What the Nephrologist Needs to Know about Cancer and the Kidney
- Professional Development Seminar
- Renal Relevant Radiology

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

State-of-the-Art Lectures
“Entering the Era of Genomic Medicine: Research Opportunities and Challenges”
Eric D. Green, MD, PhD
National Human Genome Research Institute

“Tolerance and Kidney Transplantation”
David H. Sachs, MD
Harvard Medical School
Massachusetts General Hospital

“Where Kidney Disease Was and Where It Is Headed”
Robert W. Schrier, MD
University of Colorado Denver

“Health Care Reform in America—Past, Present, and Future”
William L. Roper, MD, MPH
University of North Carolina at Chapel Hill
School of Medicine and Health Care System

Endowed Lectureships
Christopher R. Blagg Endowed Lectureship in Renal Disease and Public Policy
“Allocation of Health Care: Dialysis and Beyond”
Donald A. Berwick, MD (invited)
The Heartland Institute

Barry M. Brenner Endowed Lectureship
“Mutations in the K+ Channel KCNJ5 Produce Primary Aldosteronism”
Richard P. Lifton, MD, PhD
Yale University School of Medicine
Howard Hughes Medical Institute

Jack W. Coburn Endowed Lectureship
“Stone Formation in Dent’s Disease”
Rajesh V. Thakker, MD
University of Oxford
Somerville College

Robert W. Schrier Endowed Lectureship
“Sepsis AKI: Kidney as Amplifier and Target”
Robert A. Star, MD
Division of Kidney, Urologic, and Hematologic Diseases
National Institute of Diabetes and Digestive and Kidney Diseases
National Institutes of Health

Awards and Addresses
Robert G. Narins Award
Donald E. Kohan, MD, PhD, FASN
University of Utah School of Medicine

John P. Peters Award
Thomas D. DuBose Jr., MD, FASN
Wake Forest University School of Medicine

Belding H. Scribner Award
Nathan W. Levin, MD
Renal Research Institute

Homer W. Smith Award and Address
Ernest M. Wright, PhD
David Geffen School of Medicine at UCLA

ASN Young Investigator Award and Address
Tobias B. Huber, MD
University Medical Center Freiburg
Annual Meeting Highlights

Basic and Clinical Science Symposia

Basic and Clinical Science Symposia report on current basic science research or clinical science research in nephrology, as well as update and translate this knowledge to clinical practice. ASN offers the following symposia in 2012:

- The AKI-CKD Continuum
- Advances in the Pathogenesis of Cystic Kidney Disease
- aHUS Update for the Transplant Physician
- Anemia Management in CKD: A New Age of Iron?
- Biology of the Endothelium
- C3 Glomerulopathy: Emerging Concepts
- Choosing the Right Dialysis Modality to Improve Patient Outcomes
- Chronic Renal Allograft Injury: Focus on Endothelial Cells
- Clinical Trials in Nephrology: Lessons and Possibilities
- Cognitive Impairment in CKD and Dialysis Patients: State of the Science
- Concepts in PKD Therapeutics
- Congenital Anomalies of the Kidney and Urinary Tract
- Cystinosis
- Effects of Vasoactive Agents on Glomerular Hemodynamics and Function
- Elementary, My Dear Watson (and Crick)
- The Expanding Role of Pharmacogenomics in Nephrology
- Extracorporeal Treatment of Poisoning in the Modern RRT Era
- Focal Segmental Glomerulosclerosis: Pathogenetic Insights
- Genetic Basis of Kidney Stone Disease
- Getting Answers in the Absence of RCT: Registries and Comparative Effectiveness Research
- Health Information Technology: To Improve Clinical Outcomes and Reduce Medication Errors?
- Hemolytic Uremic Syndrome
- Impaired Natriuretic Peptide System: Blame It on Corin
- Improving Dialysis Care Through Artificial Kidneys and Vessels
- Innate and Adaptive Immune Pathways in AKI
- Is an Ounce of Prevention Worth a Pound of Cure in CKD Patients?
- Is Bigger Always Better? The Hippo Signaling Pathway and Cystic Kidney Disease
- Looking to the Future: Emerging Technologies and Therapies
- Maternal Diabetes and the Fetus
- Matrix Biology: Integrins
- Mechanisms of AKI
- Methodological Challenges in Non-Experimental Research in CKD
- Mutations in K+ Channels and Sodium Transporters: Resistant Hypertension and Hypertension Resistance
- Nephrogenesis, Nephron Loss, and Nephron Regeneration
- New Challenges for ESRD Care in an Era of Globalization
- New Developments in IgA Nephropathy
- New Ideas about Glycation and Diabetic Nephropathy
- New Insights into Crescentic Glomerulonephritis
- New Insights into Hemodialysis: When, Where, and How?
- New Insights into Human AKI in Specific Settings
- New Insights into Tubular Injury and Repair in AKI
- Newer Approaches to the Therapy of Immune-Mediated Renal Disease
- Nonrenal Drug Clearance in CKD: Searching for the Path Less Traveled
- Novel Approaches to Drug Use and Monitoring During CRRT
- Novel Management Strategies in Peritoneal Dialysis
- Novel Mechanisms of Aldosterone Mediated Vascular Injury: The Forgotten “A” in the RAAS
- Novel Mechanisms of Blood Pressure Salt Sensitivity
- Novel Paradigms for Dialysis Vascular Access
- Novel Signaling Pathway in Kidney Disease: mTORC1 and 2
- Oxidative Stress: NADPH Oxidases and Mitochondria
- Pathophysiology of Diabetic Nephropathy
- Perioperative Management of Cardiovascular Risk in Dialysis Patients Undergoing Renal Transplantation
- Role of the Innate Immune System in Renal Transplant: Focus on Ischemia/Reperfusion Injury
- Signaling at the Podocyte Integrin-Focal Adhesion Complex
- State of the Art: From Gene Discovery to Gene Therapy
- The Tangled Web of Genes and the Environment in CKD
- Updates in Membranous Nephropathy
- Urinary Ammonia/Ammonium: Not Your Ordinary Buffer
- Vitamin D, FGF-23, and Klotho in CKD
- What’s New in Immunosuppression?
Clinical Nephrology Conferences

Clinical Nephrology Conferences (CNCs) review or integrate new knowledge into the current state of clinical practice in the care of patients with kidney disease. ASN offers the following CNC sessions in 2012:

- The Acidotic Patient in the Intensive Care Unit
- Cardiac Care and Conundrums in Hemodialysis
- Cardiorenal Syndrome and Its Management
- Emerging Barriers to Kidney Transplantation
- Evidence-Based Management of Electrolyte Abnormalities
- Great Debates in Immunosuppression Management: Steroids and Calcineurin Inhibitors
- Health Care Delivery in Kidney Disease and Patient Outcomes
- Histologic Classifications of Glomerular Disease and Their Predictive Value
- Hypertension: BP Targets and Target Organs
- Improving Outcomes in ANCA Vasculitis: A Paradigm for Other Diseases?
- Increasing Peritoneal Dialysis: Practical Tips and Unconventional Approaches
- Kidney Stones 2012
- Lupus Nephritis
- Major Management Issues in the Patient with Autosomal Dominant PKD
- Medical Management of the Diabetic Patient on Dialysis
- Mineral Metabolism in CKD
- Nephrology Quiz and Questionnaire
- Nephrotic Kidney Injury: Novel Toxins and Their Renal Manifestations
- New Directions in Vascular Access Care
- New Tests and Their Clinical Applications
- Obesity and the Kidney
- Pediatric Acute Kidney Injury: Lessons for All Nephrologists
- Peripheral Arterial and Cerebrovascular Disease in ESRD Patients
- Preeclampsia 2012
- Renal Biopsy: Clinical Correlations
- Renal Neoplasia and the Primary Care Nephrologist
- Renal Relevant Radiology
- Renin Angiotensin System Inhibition in Diabetic Kidney Disease: What’s New?
- Resistant Hypertension? Not for the Nephrologist!
- Secondary Glomerular Diseases
- Special Primary Care Considerations in the Dialysis Patient
- There’s No Place Like Home: Optimizing and Expanding Home Hemodialysis Programs
- Update in Pediatric Nephrology 2012: Insights from Recent Clinical Trials
- Uric Acid in Diabetic Nephropathy
- Urine Microscopy: What Is That?
- Ward Rounds and AKI
- When Transplants Go Viral: Update on Viruses in the Renal Transplant Recipient

Public Policy Sessions

- Allocating Scarce Resources: Tough Questions, Harder Answers
- Healthcare and Workforce Needs: Is It All About Supply and Demand?
- Inside the FDA: Policy, Process, and Potential

Special Sessions

- The Association of Vascular Calcification and Osteoporosis in Kidney Disease
- Becoming a Better Teacher Even with Time Constraints: Improve Your Skills in Two Hours or Less
- ClinicoPathologic Conference
- The Dialysis Outcomes and Practice Patterns Study (DOPPS): Translating Research Findings to Improve Patient Care
- Past, Present, and Future of Kidney Disease Improving Global Outcomes (KDIGO)
- Renal Structure and Function in Diabetic Nephropathy
- The Role of Nursing and Pharmaceutical Care in CKD Patients
- USRDS: Assessment of the New Bundled Dialysis Payment System and Overview of the ESRD Program
Annual Meeting Highlights

“Hot Science” Session
Friday, November 2, 2:00 p.m.–4:00 p.m.
This session features the best basic science and research abstracts.

“High Impact Clinical Trials” Session
Saturday, November 3, 10:30 a.m.–12:30 p.m.
This session features the best clinical trial abstracts.

Oral Abstract Sessions
Thursday, November 1–Saturday, November 3, 4:30 p.m.–6:30 p.m.
These daily sessions feature cutting-edge science in key topic areas including: AKI, Bioengineering and Informatics, Cell and Matrix Biology, CKD, Developmental Biology and Inherited Kidney Diseases, Diabetes, Dialysis, Ethics, Fluid/Electrolytes/Acid Base, Hypertension and Vascular Biology, Mineral Disease, Nephrology Education, Pathobiology, Patient Safety, Pharmacokinetics/Pharmacodynamics/Pharmacogenetics, and Transplantation.

Poster Sessions and Posters On-Demand
Thursday, November 1–Saturday, November 3, 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.

Fully paid participants can access electronic versions of the Kidney Week posters at no additional cost. Search and locate posters easily by authors, categories, or keywords during and after the meeting.

Kidney Week On-Demand
ASN captures approximately 300 hours of Kidney Week electronically and makes it available to fully paid participants at no additional cost. Sessions to be captured include Plenary Sessions, Basic and Clinical Science Symposia, Clinical Nephrology Conferences, and select Early Programs.

Each captured session includes complete audio files and slides and is displayed as streaming media to your computer.

Please note: CME/CNE/CPE credit will not be awarded for these materials.

Scientific Exposition
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, and services important to 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 disease as well as view thousands of accepted poster abstracts.

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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 disease. ASN gratefully acknowledges the following companies for their contributions in 2011.

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DEVELOPING INNOVATIVE TREATMENTS FOR CHRONIC KIDNEY DISEASE

We recognize that there is a significant need to develop new therapies to help patients with CKD.

Reata is translating innovative science into breakthrough medicines and stands committed to transforming the outlook for those who are diagnosed.

Reata translates innovative science into breakthrough medicines for CKD and a broad range of intractable diseases.