AMERICAN SOCIETY OF NEPHROLOGY

Renal Week 2010

PRELIMINARY PROGRAM

43rd Annual Meeting & Scientific Exposition
November 16-21, 2010

Colorado Convention Center
Denver, Colorado
Renal Week 2010
ADVANCING SCIENCE AND MEDICINE TO IMPROVE KIDNEY HEALTH

Important Dates to Remember

June 10, 2010 • Registration opens
June 10, 2010 • General housing opens
July 30, 2010 • International Tour Group deadline
September 17, 2010 • Early registration deadline
October 15, 2010 • General housing closes
November 11, 2010 • Late registration deadline
November 16, 2010 • On-site registration opens

Program subject to revision.

Three ways to register for the leading kidney meeting in the world:

Online • www.asn-online.org
Mail • ASN Registration
PO Box 890658
Charlotte, NC 28289-0658
Fax • 905-479-9297
Program Highlights

State-of-the-Art Lectures

The Domestic Dog to Study the Genetic Basis of Phenotypic Variation
Elaine Ostrander, PhD, Chief & Senior Investigator at the Cancer Genetics Branch of the National Human Genome Research Institute of the National Institutes of Health

Combining Scholarship and Service: Finding a Path to Improve Patient Outcomes
H. Krumholz, MD, Harold Hines, Jr., Professor of Medicine and Epidemiology and Public Health at Yale University School of Medicine

Cytokines and Disease
Charles Dinarello, PhD, Professor of Medicine in the Division of Infectious Diseases at the University of Colorado School of Medicine

CF, Especially the Development and Lessons of the Pig Model
Michael J. Welsh, MD, Professor of Medicine, Molecular Physiology and Biophysics, and Neurosurgery, Roy J. Carver Biomedical Chair in Internal Medicine, Howard Hughes Medical Institute

ASN Awards and Addresses

Belding H. Scribner Award
Hans-Henrik Dyring Parving, MD, DMSc
Professor, Chief Physician, Department of Medical Endocrinology, National Hospital, University of Copenhagen

Homer W. Smith Award and Address
Wilhelm Kriz, Dr. med
Professor Emeritus of Anatomy, Department of Anatomy and Cell Biology, University of Heidelberg

John P. Peters Award
Roland C. Blantz, MD, FASN
Professor of Medicine, University of California, San Diego, School of Medicine

Robert G. Narins Award
Barry M. Brenner, MD
Samuel A. Levine Distinguished Professor of Medicine, Harvard Medical School

Young Investigator Award and Address
Nicholas Katsanis, PhD
Director, Center for Human Disease Modeling, Professor, Depts of Cell Biology and Pediatrics, Jean and George W Brumley Distinguished Professor, Duke University School of Medicine

Endowed Lectureships

Barry M. Brenner Endowed Lectureship
Rama Natarajan, MD
TGF-beta and MicroRNAs in Diabetic Nephropathy

Christopher R. Blagg Endowed Lectureship
Patricia Gabow, MD
Healthcare Delivery and Reform: Relegitimizing Common Sense

Jack W. Coburn Endowed Lectureship
Keith Hruska, MD
CKD-MBD: The Bone-Gut-Kidney Connection

Robert W. Schrier Endowed Lectureship
Richard Zager, MD
Biologic Memory in Acute Renal Failure
New in 2010

New Abstract Category:

Bioengineering and Informatics
Focus on all aspects of bioengineering and informatics, including hemodynamics, local drug delivery, nanotechnology, sensors, bioinformatics, imaging (functional, cellular, molecular) and novel dialytic technologies.

New In-Depth Nephrology Courses:

Assessing Acid-Base Disorders: Focus on Metabolic Acidosis
Chairs: Nicolaos E. Madias, MD, FASN, and Horacio J. Adrogue, MD
New in 2010 — focus on assessment tools and metabolic acidosis.

Professional Development Seminar: Early and Mid-Career Components
Organized by Women In Nephrology (WIN)
Chairs: Rochelle Cunningham, MD, and Anne Pesenson, MD
Expanded to a one and one-half day course, discussion will include careers in basic and clinical science, academic medicine, private practice, and industry.

Polycystic Kidney Disease: Translating Mechanisms into Therapy
Organized with Polycystic Kidney Disease Foundation
Chair: Benjamin D. Cowley, MD
New in 2010 — focus on PKD genes and proteins, basic mechanisms of PKD, imaging in PKD, renal complications, extra-renal manifestations, and reports on clinical trials.

New Clinical Nephrology Conferences:

The Postgraduate Education Committee has added five (5) additional clinical nephrology conferences (CNCs) to the programming schedule on Sunday, November 21.

Scientific Exposition Adjusted Hours:
Enhance your understanding of the latest advancements in pharmaceuticals, devices, imaging, and services that you need to help provide high-quality patient care. The Annual Meeting schedule is adjusted to provide several unopposed periods on Thursday, Friday, and Saturday to visit the exposition hall.

ASN Renal Week 2010:

Purpose
♦ Learn innovative basic and clinical science along with advances in clinical practice.
♦ Network with nephrology luminaries and colleagues from across the globe.
♦ Enjoy the camaraderie of friends and the vistas of Denver, The Mile High City.

Learning Objectives
♦ Identify recent discoveries in basic, translational, and clinical nephrology research.
♦ 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 Audiences
♦ Physicians
♦ Researchers
♦ Fellows-in-training
♦ Other providers

ASN Council 2010
Sharon Anderson, MD, FASN President
Joseph V. Bonventre, MD, PhD, FASN President-elect
Thomas M. Coffman, MD, FASN Past President
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Sharon M. Moe, MD, FASN Councillor
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Roberto Zatz, MD, PhD

Program Committee Chair 2011
Mark D. Okusa, MD, FASN
Early Programs and In-Depth Nephrology Courses

November 16-17, 2010

- Advances in Research Conference: The Cytoskeleton and Cell Motility
- Assessing Acid-Base Disorders: Focus on Metabolic Acidosis
- Critical Care Nephrology: 2010 Update
- Fundamentals of Renal Pathology
- Geriatric Nephrology: An Epidemiologic and Clinical Challenge
- Glomerulonephritis Update: Diagnosis and Therapy 2010
- Improving Comparative Effectiveness Research (CER) of Drugs, Devices, and Clinical Strategies in Nephrology

November 17, 2010

- Interventional Nephrology for the General Nephrologist
- Kidney and Cardiovascular Disease: A Major Challenge with Some Hope
- Kidney Transplantation for the General Nephrologist
- Maintenance Dialysis: Principles, Practical Aspects, and Case-Based Workshops
- Maintenance of Certification: ABIM Modules and NephSAP Review
- Professional Development Seminar: Early and Mid-Career Components

- Polycystic Kidney Disease: Translating Mechanisms into Therapy

Meeting Pathways

Meetings-within-a-Meeting: building a community of practice

- Epithelial Transport and Cell Biology
- Hypertension
- New Insights into Glomerular Structure and Function
- Renal Immunology and Transplantation

Learning Pathways: focusing on practice improvement

- Acute Kidney Injury
- Bone and Mineral Metabolism
- Cell and Transport Physiology
- Chronic Kidney Disease
- Development
- Dialysis
- Glomerulonephritis
- Hypertension and Cardiovascular Disease
- Novel Therapeutic Approaches
- Pathology
- Renal Cystic Diseases
- Transplantation and Immunology

Program subject to revision.
43rd Annual Meeting & Scientific Exposition

State-of-the-Art Lecture
- Topic: CF, Especially the Development and Lessons of the Pig Model
  - Lecturer: Michael J. Welsh, MD, Professor of Medicine, Molecular Physiology and Biophysics, and Neurosurgery, Roy J. Carver Biomedical Chair in Internal Medicine, Howard Hughes Medical Institute

Scientific Exposition and Poster Sessions

Clinical Nephrology Conferences
- Bones and the Nephrologist
  - Debates in Renal Disease
  - Immunoglobulin A (IgA) Nephropathy
  - Managing the Patient with a Failed Kidney Transplant
  - Nutrients and Blood Pressure
  - “Onco” Nephrology
- Prevention of Acute Kidney Injury in Hospitalized Patients: What to Give, What to Take Away
- Primary Care for Nephrologists: Preventing and Managing Complications of Immunosuppressive Therapy in Patients with Kidney Disease
- Therapeutic Apheresis: The Kidneys and Beyond
- What is Excellent Supportive Care in Patients with Acute Kidney Injury?

Basic and Clinical Science Symposia
- Advances in CKD-MBD
  - Beyond Clinic BP Measurement — Importance of BP Measurement Outside the Clinic in CKD
- Diabetic Nephropathy: New Insights into Pathogenesis
  - GFR in the Aging Kidney: Benign Decline or Disease
- Infections in Kidney Transplant Recipients: Emerging Challenges
- K Channels and Renal Disorders
- Liver Disease and Renal Dysfunction
- Mechanisms of Hypertension in CKD
- Molecular Mechanisms in Phosphate Homeostasis
- mTOR Signaling and mTOR Inhibitors in Kidney Disease
- New Insights into Glomerular Disease: Work Supported by NIDDK
- Polycystic Kidney Disease — Race for the Cure
- Pregnancy-associated Hypertension and Renal Disease
- Regulation of Renal Function by Extracellular Nucleotides
- Responding to Environmental Danger: The Emerging Role of In innate Immune Sensors in Kidney Disease
- Targeting the Endothelium in Protecting against AKI
- VEGF, Angiogenesis, and Glomerular Injury

Meetings-within-a-MeETING
- Epithelial Transport and Cell Biology
- Hypertension
- New Insights into Glomerular Structure and Function
- Renal Immunology and Transplantation

Free Communication Sessions — Oral Abstract Presentations

Special Sessions
- Basic Science Symposium: Next Generation Sequencing
- Public Policy Session
- United States Renal Data System (USRDS)

State-of-the-Art Lecture
- Topic: The Domestic Dog to Study the Genetic Basis of Phenotypic Variation
  - Lecturer: Elaine Ostrander, PhD, Chief & Senior Investigator at the Cancer Genetics Branch of the National Human Genome Research Institute of the National Institutes of Health

Scientific Exposition and Poster Sessions

Clinical Nephrology Conferences
- Improving Outcomes in Peritoneal Disease
- Membranous Nephropathy
- Metabolic Acidosis and Chronic Kidney Disease
- Nephropathy in Natural Disasters: What to Do with Acute Kidney Injury and End Stage Renal Disease Patients During Disasters?
- Nephrotoxicity
- Obstetric Nephrology
- State-of-the-Art Topics in Vascular Access
- The Evolving Face of Anti-Neutrophil Cytoplasmic Antibodies (ANCA) Vasculitis: Pathogenesis and Treatment
- What is the Role of Palliative Care in End Stage Renal Disease Patients?
- What to do with Medically High Risk Kidney Transplant Candidates?

Basic and Clinical Science Symposia
- Assessment and Optimization of Dry-weight among Dialysis Patients
- Cardiovascular Risk Reduction in CKD and ESRD: Where’s the Evidence?
- Design Issues in Clinical Trials for AKI
- From Wasting to Waist: The Obesity Epidemic in CKD
- Functional Insights into Membrane Transport from Structural Biology
- GWAS for Renal Disease: From Population-based studies in ESRD
- In the Beginning: Insight into Cardiovascular Disease in CKD From Pediatric Studies
- Is Polycystic Kidney Disease a Case of Fute Repair?
- Molecular Determinants of Mitochondrial Disease
- Molecular Signaling in Renal Fibrosis and New Treatment Targets
- Nature or Nurture: Developmental Origins of Adult Disease
- New Concepts in Glomerular Pathophysiology
- New Models for Dialysis Care: Improving Hospitalization Rates and Mortality, while Reducing Cost
- Novel Approaches to Immunosuppression
- Novel Approaches to the Pathophysiology and Prevention of Delayed Kidney Graft Function
- Pathophysiology of the WNK System
- Renoprotective Effects of Vitamin D in Chronic Kidney Disease
- Using Biomarkers for Early Diagnosis of Kidney Disease

Meetings-within-a-Meeting
- Epithelial Transport and Cell Biology
- New Insights into Glomerular Structure and Function
- Renal Immunology and Transplantation

Free Communication Sessions — Oral Abstract Presentations

Special Sessions
- DOPPS Clinical Symposium: Hemodialysis Practices: New Trends and Associations with Outcomes in the International Dialysis Outcomes and Practice Patterns Study (DOPPS)
- Public Policy Session: Healthcare Delivery & Reform: Relegitimizing Common Sense
43rd Annual Meeting & Scientific Exposition

State-of-the-Art Lecture
- Topic: Combining Scholarship and Service: Finding a Path to Improve Patient Outcomes
- Lecturer: Harlan Krumholz, MD, Harold Hines, Jr., Professor of Medicine and Epidemiology and Public Health at Yale University School of Medicine

Scientific Exposition and Posters Sessions

Clinical Nephrology Conferences
- 80 is the New 60: Caring for Elderly Patients with Advanced Chronic Kidney Disease
- Advances in Pediatric Nephrology
- Combination Peritoneal Dialysis Plus Hemodialysis for Long-Term Peritoneal Dialysis Survival
- Endocrine Hypertension
- In-Center Thrice Weekly Hemodialysis Treatment: Endangered Species or Scapegoat?
- Lupus Nephritis
- Nephrolithiasis 2010
- Nephrology Quiz and Questionnaire
- Renal Biopsy: Clinical Correlations
- The Well-Transplant Visit: More than Vital Signs and a Creatinine Check

Basic and Clinical Science Symposia
- Antibodies, Dominos, and Algorithms: Transplanting the Highly Sensitized Patient
- ASN/ISN Symposium: Towards Global Kidney Health
- Biomarkers of Ischemia-reperfusion Injury in AKI
- Blood Purification in Sepsis
- Ciliary Dysfunction and Renal Disease
- Clock Genes and Blood Pressure Regulation
- ESRD: When and Who to Dialyze
- Feel, Function, Survive — What Matters in CKD?
- Molecular Basis of Proteinuria: Recent Advances
- New Directions for Potential Clinical Application in Acute Kidney Injury
- Novel Metabolic Factors in Hypertension and Diabetic Nephropathy
- Protein Phosphorylation in Epithelia
- Recently Recognized Contributors to Tubulointerstitial Fibrosis
- Repairing the Injured Kidney
- Special Topics in Transplantation
- SLE: Autoimmunity and Novel Targets in Lupus Nephritis
- The Cells of the Glomerulus — New Roles for Old Players

Meetings-within-a-Meeting
- Epithelial Transport and Cell Biology
- Hypertension
- New Insights into Glomerular Structure and Function
- Renal Immunology and Transplantation

Free Communication Sessions — Oral Abstract Presentations

Late-Breaking Clinical Trials Session

Special Sessions
- Clinicopathologic Conference
- Public Policy Session: Controversies in Organ Transplant Policy

ASN Business Meeting

State-of-the-Art Lecture
- Topic: Cytokines and Disease
- Lecturer: Charles A. Dinarello, PhD, Professor of Medicine in the Division of Infectious Diseases at the University of Colorado School of Medicine

Clinical Nephrology Conferences
- Controlling Blood Pressure in Dialysis Patients: Necessary or Overrated?
- Estimating Kidney Function: The Role of Cystatin C
- Fluid Administration and Fluid Overload in Acute Kidney Injury
- KDIGO Glomerulonephritis Guidelines
- Understanding and Treating the Late Failing Allograft

Basic and Clinical Science Symposia
- Adverse Distant Effects of AKI
- Integration of Advanced Information Technology into Nephrology Practice
- Long Term Impact and Recovery After AKI Episode
- New Channels, New Transmitters
- Regulation of Sodium Transport along the Nephron
- Seeing Pathophysiology Live!
- Stem Cells, Present and Future
- Targeting Adaptive Immunity: What’s New
- Understanding the Peritoneal Barrier
- Updates in Clinical Transplantation

Meetings-within-a-Meeting
- Epithelial Transport and Cell Biology
- Renal Immunology and Transplantation
Registration & Housing

Everything you need for Registration and Housing is available at www.asn-online.org

- Access online registration and housing
- Registration and housing pricing and instructions
- Group registration and international group housing
- Travel information
- Hotel listing and map

Questions about Registration & Housing

Registration
CLICK: www.asn-online.org
CALL: 202-367-1173

Housing
CLICK: www.asn-online.org
CALL: 800-221-3531 or 212-532-1660

International Group Housing
CLICK: www.asn-igb.com
CALL: 305-865-4648 x118

Continuing Medical Education

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

ASN designates this educational activity (Annual Meeting) for a maximum of 32 AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

ASN designates this educational activity (In-Depth Nephrology Courses) for a maximum of (varies per program/course) AMA PRA Category 1 Credits™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

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Top 5 Reasons to Attend Renal Week 2010

1. **Education and CME Credits**
   Learn from outstanding courses that cover broad areas in kidney disease. This year’s program is designed to appeal to all Renal Week participants.

2. **Networking**
   Network among nearly 14,000 participants from around the globe. Renal Week offers the greatest opportunity for professional development in the world of nephrology.

3. **Faculty**
   Benefit from internationally renowned speakers selected for their expert teaching skills and highly rated past presentations. Renal Week assembles the most renowned faculty in the field.

4. **Special Lectures**
   Listen to cutting-edge lectures from some of the greatest minds in science.

5. **Location**
   Relax and enjoy a spectacular meeting location. Denver provides a wide assortment of cultural, culinary, and outdoor activities with a backdrop of stunning natural beauty.

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www.asn-online.org