

For Work in Educating Kidney Specialists, Burton D. Rose to be Honored with Robert G. Narins Award



Burton D. Rose

In recognition of his work as a teacher, textbook author, and creator of UpToDate, a respected online educational resource for physicians, the American Society of Nephrology has selected Burton D. Rose, MD, to receive the 2009 Robert G. Narins Award. The award honors those who have made substantial contributions to education and teaching.

Dr. Rose is a clinical professor of medicine at Harvard University. Among his achievements, Dr. Rose has written several well-regarded textbooks, including *Clinical Physiology of Acid-Base and Electrolyte Disorders*, which is now in its fourth edi-

tion and has been translated into Spanish, Portuguese, Italian, and Chinese. He also wrote *Pathophysiology of Renal Disease* and co-authored *Renal Pathophysiology: The Essentials*.

In 1989, Dr. Rose co-founded UpToDate, and he has served as its editor-in-chief ever since. UpToDate is an educational resource available on the Web, on CD, and on PDAs that provides doctors with continuously updated answers to medical questions that arise when treating patients. To build and refresh its content, UpToDate collaborates regularly with more than 3000 experts from leading medical institutions around the world. The resource addresses questions in nephrology, primary care, family medicine, obstetrics and gynecology, and pediatrics. The objective, Dr. Rose said, is to help doctors "carry with them an entire library of medical knowledge and find answers to their questions within minutes."

Dr. Rose has been nominated five times for the Harvard Medical School Prize for Excellence in Teaching and has received similar awards recognizing his teaching talent from Brigham and Women's Hospital, the University of Massachusetts Medical School, and Saint Vincent Hospital.

He will receive the Narins award during Friday's plenary session, which begins at 8 a.m.

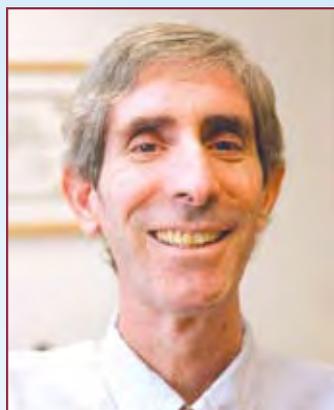
Robert G. Narins



Robert G. Narins, MD, was the first recipient of the award bearing his name. He taught and mentored countless students, serving on the faculties of the University of Pennsylvania, UCLA, Harvard University, Temple University, and Henry Ford Hospital.

Well recognized for his contributions in the fields of fluid-electrolyte and acid-base physiology, Dr. Narins has also led numerous education efforts at the national and international levels. Among these, he has chaired the American Board of Internal Medicine's Nephrology Board and worked on the American College of Physicians' Annual Program Committee. From 1994 to 2006, he developed and guided ASN's educational programs, including working to expand educational programs during Renal Week. In addition, he was instrumental in the development of ASN's newest journal, the *Clinical Journal of the American Society of Nephrology*; in establishing the Fellow of the American Society of Nephrology program; and in negotiating ASN's partnership agreements with Hypertension, Dialysis, & Clinical Nephrology (HDCN) and UpToDate. Dr. Narins is also credited with working with organizations in Europe and Asia to help promote education and teaching in nephrology.

Ion Channel Expert Kleyman to Give Robert W. Schrier Endowed Lecture



Thomas Kleyman

Known for his work on epithelial ion channels, Thomas Kleyman, MD, is this year's recipient of the Robert W. Schrier Endowed Lectureship. He will give his lecture, "Proteolytic Regulation of ENaC in Health and Disease," during Friday's Meeting-Within-a-Meeting on "The Renal Basis of Hypertension and Edema," held from 1:30 to 3:30 p.m. The ASN welcomes Dr. Kleyman as he addresses the mechanisms by which proteases activate the epithelial sodium

channel, as well as the role of proteases in activating the channel in certain disease states.

Dr. Kleyman is professor of medicine, cell biology and physiology, and pharmacology at the University of Pittsburgh, where he also serves as chief of the Renal-Electrolyte Division. He directs the Pittsburgh Center for Kidney Research, a National Institutes of Health (NIH)-funded center established in 2008. His work on epithelial ion channels has advanced our understanding of many disorders.

Most recently, Dr. Kleyman's research has involved conducting cellular and molecular studies to identify important sites within the epithelial sodium channel's extracellular domain. These sites play key roles in the modulation of channel activity in response to extracellular factors, including proteases and metal ions. Dr. Kleyman studies mechanisms by which specific proteases, such as furin, activate epithelial sodium channels. He and his colleagues are also investigating mechanisms by which mechanical forces regulate epithelial sodium channels and large conductance calcium-activated potassium channels.

To gain a deeper understanding of the epithelial ion channel, Dr. Kleyman examines the channel in disease states. Inherited mutations in ion channels are responsible for many genetic diseases like cystic fibrosis. Studying the functional interactions between epithelial sodium channels and cystic fibrosis transmembrane conductance regulator chloride channels helps shed light on the disease.

Dr. Kleyman is editor of the *American Journal of Physiology: Renal Physiology* and has served in an editorial capacity for several scientific journals. He has been granted many awards to continue his work in nephrology, including the Established Investigatorship Award from the American Heart Association from 1991 to 1996, the NIH Merit Award in 2006, and the NIH Director's Bridge Award in 2008. Dr. Kleyman was elected for membership in the American Society for Clinical Investigation in 1996 and the Association of American Physicians in 2004. He has authored many scientific publications.

Dr. Kleyman received his medical degree from Washington University in St. Louis in 1978. He completed his internship and residency in medicine in 1981 and his fellowship in nephrology in 1983, both at the Presbyterian Hospital in New York.