Council on Kidney in Cardiovascular Disease Prepares for Orlando

It has been an exciting year, and the next academic year promises to be even more filled with activities for our Council. We had great representation at the Experimental Biology meeting in Boston, thanks to members of our Membership and Communications committee: Janet Klein, PhD, Erika Boesen, PhD, and Alicia McDonough, PhD. Our Council supported the APS-renal Section Poster and Professors competition, which was well attended this year. At that meeting, one of our leadership committee members, Tom Kleyman, MD, gave the Carl D. Gottschalk Distinguished Lectureship for the Council on Nephrology meeting, and support the educational activities of other scientific societies such as the American Society of Nephrology which is co-sponsored by our KCVD Council. Dr. Moshe Levi, MD, named the 2015 KCVD Donald Seldin Lecturer.}

Moshe Levi, MD, Named the 2015 KCVD Donald Seldin Lecturer

The KCVD Donald Seldin Lecture was presented at the Council on Hypertension 2015 Scientific Sessions on Sept. 18 by Moshe Levi, MD, past Chair of the KCVD Council. Dr. Levi is a leader in the field of renal damage induced by diabetes and obesity and is professor of Medicine and Nephrology at the University of Colorado, Denver. He has performed outstanding research in the fields of diabetic nephropathy, new models of diabetes induced renal damage, the role of PKR receptors in mediating diabetes induced renal damage, renal phosphate transport and its regulation by lipids and lately in developing new treatments for kidney disease in diabetes and obesity. Dr. Levi serves on numerous editorial boards, NHA and AHA study sections, committees for the APS and American Society of Nephrology and enjoys teaching medical and doctoral students. The Donald Seldin Lecture was established in 2006 to honor Donald Seldin, MD, and to enhance the awareness of AHA conference attendees concerning the rising epidemic of cardiovascular disease and mortality in patients with chronic kidney disease. Dr. Seldin has been a pioneer and leader in the field of cardiovascular disease as it relates to kidney failure, and was responsible for seminal observations as they relate to sodium and potassium transport in the kidney and their effects on blood pressure and cardiovascular homeostasis. We strive to maintain an adequate academic, age, gender and ethnicity balance in our steering committee so every member is represented. Please do not hesitate to contact me (ptpetr[AT]lab.org) if you are interested in becoming a member of our Council or have questions regarding the KCVD Council activities. We welcome your membership in the Council.

KCVD Council supports and co-sponsors the annual Scientific Sessions meeting for the Council on Hypertension, which was held Sept. 15-19 in Washington, D.C.

KCVD-ASN Young Investigator Award 2015

Janos Peti-Peterdi, PhD, a member of our Leadership Committee will be awarded the prestigious 2015 Young Investigator Award of the American Society of Nephrology which is co-sponsored by our KCVD Council. Dr. Peti-Peterdi is professor at the Departments of Physiology and Biophysics, and Medicine at the University of Southern California. He received his medical degree (1994) and doctoral (1998) degrees from the Semmelweis University Medical School, Budapest, Hungary, and postdoctoral training in renal physiology/nephrology at the University of Alabama at Birmingham (1997-2001). He joined the faculty at USC Keck School of Medicine in 2004, where he received tenure (2007). Dr. Peti-Peterdi is dedicated to finding a cure for chronic kidney disease. His laboratory at USC examines kidney and cardiovascular pathophysiology — more specifically the mechanisms of the healthy kidney that control the maintenance of body fluid, electrolyte balance and blood pressure — and how they are changed in the disease state. The main goal of his laboratory is to identify the key molecular players in various renal pathologies as potential therapeutic targets, with the aim of developing new approaches for the treatment of kidney and cardiovascular diseases. Dr. Peti-Peterdi’s group played an important role in identifying the cellular and molecular processes of a key anatomical site within the kidney — the juxtaglomerular apparatus or JGA — which controls the amount of blood flow and filtration through the kidneys. During the past decade, the laboratory pioneered several applications of intravital microscopy (live animal or in vivo) multiphoton microscopy allowing researchers for the first time to quantitatively visualize the function of cellular and molecular elements of the kidney filter (glomerulus) in vivo, to examine their roles in the development of disease. Dr. Peti-Peterdi's program is funded by the NIH, the American Heart and Diabetes Association. He is a member of the American Heart Association’s Hypertension and Kidney in Cardiovascular Disease Councils and associate editor of the American Journal of Physiology: Renal Physiology. Over the past five years, he has trained more than 30 investigators from around the world on the use of intravital imaging of the mouse kidney. His recent imaging studies addressed and solved a critical technical barrier in kidney research, allowing researchers for the first time to quantitatively visualize the function of cellular and molecular elements of the kidney filter (glomerulus) in vivo, to examine their roles in the development of disease. Dr. Peti-Peterdi’s program is funded by the NIH, the American Heart and Diabetes Association. He is a member of the American Heart Association’s Hypertension and Kidney in Cardiovascular Disease Councils and associate editor of the American Journal of Physiology: Renal Physiology. Over the past five years, he has trained more than 30 investigators from around the world on the use of intravital imaging of the mouse kidney.