Meet your new AJP-Renal Physiology editors

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FIRST OF ALL, I WOULD LIKE TO THANK Tom Kleyman for his service as Editor-in-Chief of AJP-Renal Physiology for the last six years. Tom has shown exemplary leadership during his tenure, and the journal has grown and increased in recognition as one of the leaders in publishing outstanding renal research. Also, I would like to thank my fellow Associate Editors, Gerry Apodaca, Jeff Garvin, Lisa Stalin, Kumar Sharma, and Susan Wall, all of whom have done outstanding work in service to the journal and to the American Physiological Society. I also would like to thank Amy McEver, who has now served as Managing Editor for our journal for 12 years. She is outstanding, and I am very happy that she has agreed to stay on as Managing Editor.

We now inherit a strong journal, and it is our goal to make it even better. We want to be inclusive and to publish work that can be broadly defined as relating to the regulation of the internal milieu in health and disease. We encourage all areas of research, including work from single cells to whole organisms that encompasses basic, clinical, and highly translational research. We are simply looking to publish the highest quality science that will advance our field of research. In addition, we encourage and value your comments and suggestions that will further improve the quality of AJP-Renal Physiology.

I have assembled an outstanding group of Associate Editors that have a wide range of expertise and skill sets. They will work with you through the review process, and I know that their suggestions and those of the reviewers will be helpful in publishing your work in the Journal. The following are introductions from our new Associate Editors.

Jennifer C. Sullivan

I am an Associate Professor in the Department of Medicine at Georgia Regents University. I received my BS from the State University of New York at Geneseo before going on to receive an MS and my PhD from Albany Medical College. I then moved to Georgia as a postdoctoral fellow in the laboratory of Dr. Jennifer Pollock in 2000. I received my first faculty appointment in 2003 as an Assistant Research Scientist and became a tenure-track Assistant Professor in the Vascular Biology Center and Department of Pharmacology in 2008.

My laboratory is focused on understanding how sex impacts blood pressure control and renal health and function. We take a broad approach to understanding the molecular mechanisms differentially regulating blood pressure control and renal function in males and females using a range of techniques from whole animal physiology, organ function, to molecular biology. My areas of research expertise include nitric oxide, oxidative stress, the renin-angiotensin-aldosterone system, and inflammation.

I am very honored and excited to be a part of the editorial team that Darwin has assembled. I am looking forward to the challenges that I am sure are to come and to the opportunity to serve the renal community as we work to maintain the high standards and excellence of our journal.

Anita Layton

I am the Anne T. and Robert M. Bass Associate Professor of Mathematics at Duke University. That’s right, I am an applied mathematician, with a PhD in computer science (University of Toronto, 2001). My research involves building theoretical models of the kidney and using them to better understand the urine concentrating mechanism, renal hemodynamics, and renal oxygenation. One of the transformative developments in applied mathematics was indeed the application of mathematical techniques to biological problems. Such interdisciplinary research has tremendous value, inasmuch as mathematical modeling allows the development of an easily controlled theoretical construct in which it is possible to study variables that cannot be measured or manipulated in intact circulation. As a modeler, I am excited and honored to be one of the associate editors of AJP-Renal Physiology, which is among the rather few physiology journals to have the foresight to publish modeling articles. I look forward to working with Dr. Darwin Bell and my fellow associate editors to promote interdisciplinary research and to further strengthen the impact of our journal.

Robert Hoover

I received a Bachelor of Arts degree in Chemistry from Howard University and my MD degree from the University of California Los Angeles (UCLA). I was an intern and resident in internal medicine at Emory University and a fellow in nephrology at Brigham and Women’s Hospital as well as Vanderbilt University. I then served on the faculty at Yale and the University of Chicago before returning to Emory as a faculty member.

I am currently Assistant Professor of Medicine and Physiology at Emory University School of Medicine. My research focuses on regulation of the thiazide-sensitive Na-CI cotransporter (NCC). My lab utilizes molecular biology and biochemistry techniques to examine the regulation of the cotransporter. Thus my area of expertise is transport physiology and molecular biology. In addition to running an active research laboratory at Emory, I am also an Attending Physician at Emory University Hospital and the Atlanta Veteran’s Administration Hospital. I am excited and energized by the responsibility of being an Associate Editor for AJP-Renal Physiology! I look forward to working with Darwin and the other Associate Editors over the next few years as we seek to continue the great legacy of the journal.

Janos Peti-Peterdi

I am a Professor of Physiology and Biophysics and Medicine at the University of Southern California. A native of Budapest, Hungary, I received my MD and PhD degrees from the Semmelweis University Medical School. I came to the United States in 1997 to do postdoctoral training in renal physiology.
at the University of Alabama at Birmingham, Department of Medicine, Division of Nephrology in our new Editor-in-Chief Darwin Bell’s laboratory. In 2004, I joined the faculty at the USC Keck School of Medicine, where I received tenure in 2007. My active research program is funded by the NIH, the American Heart and Diabetes Associations, and is focused on the (patho)physiological regulation of renal blood flow and filtration rate, body fluid and electrolyte homeostasis, maintenance of blood pressure, and the renin-angiotensin system. My laboratory utilizes state-of-the-art imaging techniques, including multiphoton fluorescence microscopy to study the function of the intact kidney in health and disease, including diabetes mellitus and hypertension.

I am a member of the American Physiological Society Renal Section, American and International Society of Nephrology, and the American Heart Association High Blood Pressure Research and Kidney Councils. I am a board member of the Hungarian Kidney Foundation. I have been an Established Investigator of the American Heart Association and was the recipient of the Carl W. Gottschalk Research Scholar Award from the APS Renal Section. In addition to teaching and mentoring medical and graduate students and postdocs, I serve as director of the Multi-photon Imaging Core at USC.

I am thrilled to begin my service as Associate Editor for my favorite journal! As a former member of the APS International Physiology Committee, I hope to see numerous manuscript submissions from our international patrons!

Wenhui Wang

I am a Professor in the Department of Pharmacology, New York Medical College. I started my medical education in Harbin Medical University, China, and received my MD degree from University of Innsbruck, Austria, in 1983. I had my postdoctoral training in Dr. Gerhard Giebisch’s laboratory in the Department of Cellular and Molecular Physiology at Yale University from 1987. During postdoctoral training at Yale, I used the patch-clamp technique to study the ROMK channels in the native collecting duct. In 1993, I joined the faculty at New York Medical College and was promoted to the current position in 2000. As PI on several NIH-funded grants, I am interested in studying the regulation of renal K and Na transport, structure and function of ion channels, renal effect of eicosanoids, and salt-sensitive hypertension.

I am a member of the American Physiological Society, American Society of Nephrology, and the American Heart Association High Blood Pressure Research and Kidney Councils. I feel honored to be an Associate Editor for the best journal in renal physiology. I look forward to working with Dr. Darwin Bell, the other Associate Editors, and Editorial Board Members in the next several years to make our great journal even better.

Thu H. Le

I am Associate Professor of Medicine at the University of Virginia. I am a graduate of the George Washington University School of Medicine where I was elected to the AOA Medical Honor Society. I completed my training in Medicine and Nephrology at Duke University Medical Center. After serving on the faculty at Duke for almost 9 years, I moved to my current position in 2009. As a clinical investigator, I am dedicated to patient care and research. My research program focuses on the genetics and mechanisms of hypertension and kidney disease and has been funded by the NIH and the National Kidney Foundation. I serve as Associate Director of the T32 Nephrology Training program at UVA. I have served on the American Heart Association study section for the Mid-Atlantic region, the National Kidney Foundation basic science committee, and am currently a regular member of the NIH Genetics of Health and Disease Study Section.

I am a member of the American Physiological Society Renal Section, American Society of Nephrology, American Heart Association, and the Southern Society for Clinical Investigation. I was elected Fellow of the American Heart Association in 2012.

I am honored to serve and am eager to work with Darwin, our Editor-in-chief, other Associate Editors, the peer community, and the Editorial Staff. I look forward to facilitating the publication of high-quality work that will promote advancement in the field of renal physiology.

Rick G. Schnellmann

I am an Eminent Scholar, Distinguished University Professor, and Chair of the Department of Drug Discovery and Biomedical Sciences at the Medical University of South Carolina, Charleston, South Carolina. I received my PhD in Pharmacology and Toxicology from the University of Arizona and my postdoctoral training in renal physiology at Duke University.

My longstanding research interests are in the mechanisms of renal injury and regeneration, and the treatment thereof. Much of my previous and current research has been focused on the role of mitochondrial injury in renal cell death. In particular, we characterized the role of a mitochondrial protease (i.e., calpain 10) and a mitochondrial phospholipase (iPLA2γ) in mediating and protecting mitochondria and renal cells from diverse insults. More recently, we have focused on mitochondrial homeostasis and novel approaches to promote mitochondrial biogenesis to treat acute kidney injury and diabetic nephropathy. I look forward to joining the Associate Editors and continuing my long-term relationship with the journal.