This Month’s Highlights

UP FRONT MATTERS

Editorials

685 Aquaporin-2 Inhibitors: Fishing in the Chemical Pool
Dennis Brown and Hua A. Jenny Lu
• See related article by Bogum et al. (pp. 744–758).

687 Klotho to Treat Kidney Fibrosis
Maria D. Sanchez-Niño, Ana B. Sanz, and Alberto Ortiz
• See related article by Zhou et al. (pp. 771–785).

689 Physical Performance and All-Cause Mortality in CKD
Joel D. Kopple
• See related article by Roshanravan et al. (pp. 822–830).

691 What Can We Learn from Null Randomized Controlled Trials?
Rajiv Agarwal
• See related article by Chue et al. (pp. 842–852).

Brief Reviews

694 Imatinib: Novel Treatment of Immune-Mediated Kidney Injury
Eric Wallace and Leslie Gewin

702 The Treatment of Minimal Change Disease in Adults
Jonathan Hogan and Jai Radhakrishnan

BRIEF COMMUNICATIONS

713 N-WASP Is Required for Stabilization of Podocyte Foot Processes
Christoph Schell, Lisa Baumhakl, Sarah Salou, Ann-Christin Conzelmann, Charlotte Meyer, Martin Helmstädt, Christoph Wrede, Florian Grahammer, Stefan Eimer, Dortscho Kerjaschki, Gerd Walz, Scott Snapper, and Tobias B. Huber

722 Apolipoprotein L1 Risk Variants Associate with Systemic Lupus Erythematosus-Associated Collapsing Glomerulopathy
Christopher P. Larsen, Marjorie L. Beggs, Mohammad Saeed, and Patrick D. Walker

727 Vps34 Deficiency Reveals the Importance of Endocytosis for Podocyte Homeostasis
Wibke Bechtel, Martin Helmstädt, Jan Balica, Björn Hartleben, Betina Kiefer, Fatima Hrnjic, Christoph Schell, Oliver Kretz, Shuya Liu, Felix Geist, Dortscho Kerjaschki, Gerd Walz, and Tobias B. Huber

744 Small-Molecule Screening Identifies Modulators of Aquaporin-2 Trafficking
Jana Bogum, Dörte Faust, Kerstin Zühlke, Jenny Eichhorst, Marie C. Moutty, Jens Ferkurt, Adeeb Eldahshan, Martin Neuenschwander, Jens Peter von Kries, Burkhard Wiesner, Christiane Trimpert, Peter M.T. Deen, Giovanna Valenti, Walter Rosenthal, and Enno Klussmann
• See related editorial by Brown and Lu (pp. 685–686).

759 Cystathionine γ-Lyase Protects against Renal Ischemia/Reperfusion by Modulating Oxidative Stress
Eelke M. Bos, Rui Wang, Pauline M. Snijder, Miriam Boersema, Jeffrey Damman, Ming Fu, Jill Moser, Jan-Luuk Hillebrands, Rutger J. Ploeg, Guangdong Yang, Henri G.D. Leuvenink, and Harry van Goor

771 Loss of Klotho Contributes to Kidney Injury by Derepression of Wnt/β-Catenin Signaling
Lili Zhou, Yingjian Li, Dong Zhou, Roderick J. Tan, and Youhua Liu
• See related editorial by Sanchez-Niño et al. (pp. 687–689).

787 Epithelial Cell TGFβ Signaling Induces Acute Tubular Injury and Interstitial Inflammation
Madeleine E. Gentle, Shaolin Shi, Ilse Daehn, Taoran Zhang, Haiying Qi, Liping Yu, Vivette D. D’Agati, Detlef O. Schlodorff, and Erwin P. Bottinger

Red star ★ indicates articles that are features in This Month’s Highlights.
Renoprotective Effect of Combined Inhibition of Angiotensin-Converting Enzyme and Histone Deacetylase
Yifei Zhong, Edward Y. Chen, Ruijie Liu, Peter Y. Chuang, Sandeep K. Mallipattu, Christopher M. Tan, Neil R. Clark, Yueyi Deng, Paul E. Klotman, Avi Ma’ayan, and John Cijiang He

CLINICAL EPIDEMIOLOGY

Association between Younger Age When First Overweight and Increased Risk for CKD
Richard J. Silverwood, Mary Pierce, Claudia Thomas, Rebecca Hardy, Charles Ferro, Naveed Sattar, Peter Whincup, Caroline Savage, Diana Kuh, and Dorothea Nitsch, on behalf of the National Survey of Health and Development Scientific and Data Collection Teams

Association between Physical Performance and All-Cause Mortality in CKD
• See related editorial by Kopple (pp. 689–690).

CLINICAL RESEARCH

Vitamin D Status and Outcomes After Renal Transplantation
Frank Bienaimé, Delphine Girard, Dany Anglicheau, Guillaume Canaud, Jean Claude Souberbielle, Henri Kreis, Laure Hélène Noël, Gérard Friedlander, Caroline Elie, Christophe Legendre, and Dominique Prié

Cardiovascular Effects of Sevelamer in Stage 3 CKD
• See related editorial by Agarwal (pp. 691–693).

Protein Carbamylation Predicts Mortality in ESRD