This Month’s Highlights

UP FRONT MATTERS

Obituary

1233 Saulo Klahr Was as Good as It Gets
Neal Bricker

ASN News and Public Policy

1235 ASN End-Stage Renal Disease Task Force: Perspective on Prospective Payments for Renal Dialysis Facilities

Editorials

1238 Modulation of ClC-K Channel Function by the Accessory Subunit Barttin
Florian Lang
* See related article by Fischer et al. (pp. 1281–1289).

1240 More than Maintenance? A Role for IFT Genes in Planar Cell Polarity
Kimberly M. Jaffe and Rebecca D. Burdine
* See related article by Cao et al. (pp. 1326–1333).

1241 TGF-β Signaling and the Renal Tubular Epithelial Cell: Too Much, Too Little, and Just Right
Jeffrey B. Kopp
* See related article by Gewin et al. (pp. 1334–1343).

1243 Urine Albumin-to-Creatinine Ratio: What’s in a Number?
Bryan Kestenbaum and Ian H. de Boer
* See related article by Lambers Heerspink et al. (pp. 1355–1360).

1244 Higher Incidence of ESRD than Mortality in the AASK Study
Linda F. Fried
* See related article by Alves et al. (pp. 1361–1369).

JASN Debates

1247 Resolved: EMT Produces Fibroblasts in the Kidney
Michael Zeisberg and Jeremy S. Duffield

Brief Review

1254 NF-κB in Renal Inflammation
Ana Belen Sanz, Maria Dolores Sanchez-Niño, Adrian Mario Ramos, Juan Antonio Moreno, Beatriz Santamaria, Marta Ruiz-Ortega, Jesus Egido, and Alberto Ortiz

Special Article

1263 2009 Homer W. Smith Award: Minerals in Motion: From New Ion Transporters to New Concepts
René J.M. Bindels

Science in Renal Medicine

1270 Toll-Like Receptors and Danger Signaling in Kidney Injury
Hans-Joachim Anders

BRIEF COMMUNICATION

1275 Activator of G Protein Signaling 3 Promotes Epithelial Cell Proliferation in PKD
Rama Nadella, Joe B. Blumer, Guangfu Jia, Michelle Kwon, Talha Akbulut, Feng Qian, Filip Sedlic, Tetsuro Wakatsuki, William E. Sweeney, Jr., Patricia D. Wilson, Stephen M. Lanier, and Frank Park

Red star ★ indicates articles that are features in This Month’s Highlights.
**BASIC RESEARCH**

1281 *Barttin Activates ClC-K Channel Function by Modulating Gating*  
Martin Fischer, Audrey G.H. Janssen, and Christoph Fahlke  
See related editorial by Lang (pp. 1238–1239).

1290 *Melanocortin 1 Receptor Agonists Reduce Proteinuria*  
Annika Lindskog, Kerstin Ebefors, Martin E. Johansson, Bergur Stefánsson, Anna Granqvist, Margret Arnadottir, Anna-Lena Berg, Jenny Nyström, and Börje Haraldsson

1299 *TLR4 Promotes Fibrosis but Attenuates Tubular Damage in Progressive Renal Injury*  
Wilco P. Pulskens, Elena Rampanelli, Gwendoline J. Teske, Loes M. Butter, Nike Claessen, Ilse K. Luirink, Tom van der Poll, Sandrine Florquin, and René J. Bindels

1309 *Effects of the EGFR Inhibitor Erlotinib on Magnesium Handling*  
Henrik Dimke, Jenny van der Wijst, Todd R. Alexander, Inez M.J. Meijer, Gemma M. Mulder, Harry van Goor, Sabine Teijpar, Joost G. Hoenderop, and René J. Bindels

1317 *miR-192 Mediates TGF-β/Smad3-Driven Renal Fibrosis*  
Arthur C.K. Chung, Xiao R. Huang, Xiaoming Meng, and Hui Y. Lan

1326 *Intraflagellar Transport Proteins Are Essential for Cilia Formation and for Planar Cell Polarity*  
Ying Cao, Alice Park, and Zhaoxia Sun  
See related editorial by Jaffe and Burdine (pp. 1240–1241).

1334 *TGF-β Receptor Deletion in the Renal Collecting System Exacerbates Fibrosis*  
Leslie Gewin, Nada Bulus, Gienda Mernauh, Gilbert Moeckel, Raymond C. Harris, Harold L. Moses, Ambra Pozzi, and Roy Zent  
See related editorial by Kopp (pp. 1241–1243).

1344 *Deficiency of C5aR Prolongs Renal Allograft Survival*  
Qijun Li, Qi Peng, Guolan Xing, Ke Li, Naiyin Wang, Conrad A. Farrar, Lucy Meader, Steven H. Sacks, and Wuding Zhou

**CLINICAL EPIDEMIOLOGY**

1355 *Comparison of Different Measures of Urinary Protein Excretion for Prediction of Renal Events*  
Hiddo J. Lambers Heerspink, Ron T. Gansevoort, Barry M. Brenner, Mark E. Cooper, Hans Henrik Parving, Shahnaz Shahinfar, and Dick de Zeeuw  
See related editorial by Kestenbaum and de Boer (pp. 1243–1244).

1361 *Rate of ESRD Exceeds Mortality among African Americans with Hypertensive Nephrosclerosis*  
Tahira P. Alves, Xuelei Wang, Jackson T. Wright, Jr., Lawrence J. Appel, Tom Greene, Keith Norris, and Julia Lewis, for the AASK Collaborative Research Group  
See related editorial by Fried (pp. 1244–1246).

**CLINICAL RESEARCH**

1371 *Bone Mass and Microarchitecture in CKD Patients with Fracture*  
Thomas L. Nickolas, Emily Stein, Adi Cohen, Valerie Thomas, Ronald B. Staron, Donald J. McMahon, Mary B. Leonard, and Elizabeth Shane

1381 *Bevacizumab Increases Risk for Severe Proteinuria in Cancer Patients*  
Shenhong Wu, Christi Kim, Lea Baer, and Xiaolei Zhu

1390 *A New Locus for Familial FSGS on Chromosome 2P*  
Rasheed Gbadegesin, Peter Lavin, Louis Janssens, Bartlomiej Bartkowiak, Alison Homstad, Guanghong Wu, Brandy Bowling, Jason Eckel, Chris Potocky, Diana Abbott, Peter Conlon, William K. Scott, David Howell, Elizabeth Hauser, and Michelle P. Winn

1398 *Preexisting Donor-Specific HLA Antibodies Predict Outcome in Kidney Transplantation*  
Carmen Lefaucheur, Alexandre Loupy, Gary S. Hill, Joao Andrade, Dominique Nochy, Corinne Antoine, Chantal Gautreau, Dominique Charron, Denis Glotz, and Caroline Suberbielle-Boissel

1407 **ERRATA**