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 Ebefers, Martin E. Johansson, Bertur Stefansson, 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 Tejpar, 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 Mernaugh, 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. Gansvoort, 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 Hornstad, 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