This Month’s Highlights

UP FRONT MATTERS

Editorials
1837 Yet More Ways to Skin a Cat: Nephrin Mutations outside the Neonatal Period
Kevin V. Lemley
• See related article by Philippe et al. (pp. 1871–1878).

1839 A Natriuretic Hormone–Binding Site on the Sodium Pump
Jack H. Kaplan
• See related article by Loreaux et al. (pp. 1947–1954).

1840 Appraising the Value of Genomic Association Studies
Alfred L. George, Jr.
• See related article by Köttgen et al. (pp. 1989–1999).

1842 Multitarget Therapy of Lupus Nephritis: Base Hit or Home Run?
Richard J. Glassock
• See related article by Bao et al. (pp. 2001–2010).

Brief Review
1845 Mechanisms of ENaC Regulation and Clinical Implications
Vivek Bhalla and Kenneth R. Hallows

Special Article
1855 The Current State of Poststreptococcal Glomerulonephritis
Bernardo Rodríguez-Iturbe and James M. Musser

Science in Renal Medicine
1865 New Boundaries for Complement in Renal Disease
Steven Sacks and Wuding Zhou

BRIEF COMMUNICATION
1871 ★ Nephrin Mutations Can Cause Childhood-Onset Steroid-Resistant Nephrotic Syndrome
Aurélie Philippe, Fabien Nevo, Ernie L. Esquivel, Dalia Rekaityte, Olivier Gribouval, Marie-Josèphe Tête, Chantal Loirat, Jacques Dantal, Michel Fischbach, Claire Pouteil-Noble, Stéphane Decramer, Martin Hoehne, Thomas Benzing, Marina Charbit, Patrick Niaudet, and Corinne Antignac
• See related editorial by Lemley (pp. 1837–1838).

BASIC RESEARCH
1879 ★ Establishment of Conditionally Immortalized Mouse Glomerular Parietal Epithelial Cells in Culture
Takamoto Ohse, Jeffrey W. Pippin, Michael R. Vaughan, Paul T. Brinkkoetter, Ronald D. Krofft, and Stuart J. Shankland

1891 KIBRA Modulates Directional Migration of Podocytes
Kerstin Duning, Eva-Maria Schurek, Marc Schlüter, Michael Bayer, Hans-Christian Reinhardt, Albrecht Schwab, Liliana Schaefer, Thomas Benzing, Bernhard Schermer, Moin A. Saleem, Tobias B. Huber, Sebastian Bachmann, Joachim Kremer-Goeken, Thomas Weide, and Hermann Pavenstädt

1904 Macrophage Stimulating Protein May Promote Tubular Regeneration after Acute Injury
Vincenzo Cantaluppi, Luigi Biancone, Giuseppe Mauriello Romanazzi, Federico Figliolini, Silvia Beltramo, Francesco Galimi, Maria Gavina Camboni, Elisa Deriu, Piergiulio Conaldi, Antonella Bottelli, Viviana Orlandi, Maria Beatriz Herrera, Alfonso Pacitti, Giuseppe Paolo Segoloni, and Giovanni Camussi

Red star ★ indicates articles that are features in This Month’s Highlights.
1919 Activator Protein 2α Mediates Parathyroid TGF-α Self-Induction in Secondary Hyperparathyroidism
Maria Vittoria Arcidiacono, Mario Cozzolino, Noah Spiegel, Masanori Tokumoto, Jing Yang, Yan Lu, Tetsuhiko Sato, Carlo Lomonte, Carlo Basile, Eduardo Slatopolsky, and Adriana S. Dusso

1929 20-HETE Mediates Proliferation of Renal Epithelial Cells in Polycystic Kidney Disease
Frank Park, William E. Sweeney, Guangfu Jia, Richard J. Roman, and Ellis D. Avner

1940 Oscillating Cortical Thick Ascending Limb Cells at the Juxtaglomerular Apparatus
Peter Komlosi, Boglarka Banizs, Attila Fintha, Stacy Steele, Zhi-Ren Zhang, and P. Darwin Bell

1947 Ouabain-Sensitive α1 Na,K-ATPase Enhances Natriuretic Response to Saline Load
Elizabeth L. Loreaux, Baksho Kaul, John N. Lorenz, and P. Darin Bell
• See related editorial by Kaplan (pp. 1839–1840).

1955 Single Amino Acid Substitution in Aquaporin 11 Causes Renal Failure
Elena E. Tchekneva, Zaza Khuchua, Linda S. Davis, Veronika Kadkina, Stephen R. Dunn, Sebastian Bachman, Kenichi Ishibashi, Eugene M. Rinchik, Raymond C. Harris, Mikhail M. Dikov, and Matthew D. Breyer

1965 GDF15 Triggers Homeostatic Proliferation of Acid-Secreting Collecting Duct Cells
Jean Paul Duong Van Huyen, Lydie Cheval, May Bloch-Faure, Marie France Belair, Didier Heudes, Patrick Bruneval, and Alain Doucet

1975 Downregulation of UT-A1/UT-A3 Is Associated with Urinary Concentrating Defect in Glucocorticoid-Excess State
Chunling Li, Weidong Wang, Sandra N. Summer, Sandor Falk, and Robert W. Schrier

CLINICAL EPIDEMIOLOGY
1983 ★ Higher Levels of Albuminuria within the Normal Range Predict Incident Hypertension
John P. Forman, Naomi D.L. Fisher, Emily L. Schopick, and Gary C. Curhan

1989 ★ TCF7L2 Variants Associate with CKD Progression and Renal Function in Population-Based Cohorts
• See related editorial by George (pp. 1840–1842).

CLINICAL RESEARCH
2001 ★ Successful Treatment of Class V+IV Lupus Nephritis with Multitarget Therapy
Hao Bao, Zhi-Hong Liu, Hong-Lang Xie, Wei-Xin Hu, Hai-Tao Zhang, and Lei-Shi Li
• See related editorial by Glassock (pp. 1842–1844).

2011 Donor Ethnicity Influences Outcomes following Deceased-Donor Kidney Transplantation in Black Recipients
Jayme E. Locke, Daniel S. Warren, Francesca Dominici, Andrew M. Cameron, M. Sue Leffell, Deborah A. McRann, J. Keith Melancon, Dorry L. Segev, Christopher E. Simpkins, Andrew L. Singer, Andrea A. Zachary, and Robert A. Montgomery

2020 Presence of FoxP3+ Regulatory T Cells Predicts Outcome of Subclinical Rejection of Renal Allografts
Oriol Bestard, Josep M. Cruzado, Inés Rama, Joan Torras, Montse Gomà, Daniel Serón, Francesc Moreso, Salvador Gil-Vernet, and Josep M. Grinyó

2027 ★ A Common RET Variant Is Associated with Reduced Newborn Kidney Size and Function
Zhao Zhang, Jackie Quinlan, Wendy Hoy, Michael D. Hughson, Mathieu Lemire, Thomas Hudson, Pierre-Alain Hueber, Alice Benjamin, Anne Roy, Elena Pascuet, Meigan Goodyer, Chandhana Raju, Fiona Houghton, John Bertram, and Paul Goodyer