This Month’s Highlights

UP FRONT MATTERS

ASN News

1853 ASN Policy on Managing Conflicts of Interest
John B. Stokes, Allison Haupt, Bruce A. Molitoris, Phillip Kokemueller, and Tod Ibrahim for the ASN Committee on Corporate Relations and the ASN Council, Washington, DC
• See related editorial by Stokes et al. (pp. 1860–1862).

Editorials

1860 Managing Conflicts of Interest: The Road Ahead
John B. Stokes, Arnold S. Berns, William L. Henrich, T. Dwight McKinney, Bruce A. Molitoris, and Biff F. Palmer, for the ASN Committee on Corporate Relations
• See related ASN News by Stokes et al. (pp. 1853–1859).

1862 Signaling at the Slit: Podocytes Chat by Synaptic Transmission
Thomas Weide and Tobias B. Huber
• See related article by Giardino et al. (pp. 1929–1940).

1864 Activation of Canonical Wnt Signaling Meets with Podocytopathy
Aoife Waters and Ania Koziell
• See related article by Dai et al. (pp. 1997–2008).

1866 Measuring Patient Survival on Hemodialysis
Steven M. Brunelli
• See related article by Argyropoulos et al. (pp. 2034–2043).

1867 Does a Statistical Method Suggest a New Pathobiology for Hemodialysis Patients?
Edmund G. Lowrie
• See related article by Argyropoulos et al. (pp. 2034–2043).

1869 Metabolic Acidosis and Progression of Chronic Kidney Disease
Lynda A. Frassetto and Chi-yuan Hsu
• See related article by de Brito-Ashurst et al. (pp. 2075–2084).

Occasional Observation

1871 Endoplasmic Reticulum Stress in Glomerulonephritis: The Bad Guy Turns Good?
Masanori Kitamura

Clinical Commentary

1874 A Clinical View of Simple and Complex Renal Cysts
Garabed Eknoyan

Brief Reviews

1877 HIF in Kidney Disease and Development
Lakshman Gunaratnam and Joseph V. Bonventre

1888 Renal Volume, Renin-Angiotensin-Aldosterone System, Hypertension, and Left Ventricular Hypertrophy in Patients with Autosomal Dominant Polycystic Kidney Disease
Robert W. Schrier

Red star ★ indicates articles that are features in This Month’s Highlights.
BRIEF COMMUNICATIONS

1895 Functional Effector Memory T Cells Enrich the Peritoneal Cavity of Patients Treated with Peritoneal Dialysis
Gareth W. Roberts, Duncan Baird, Kathleen Gallagher, Rhiannon E. Jones, Christopher J. Pepper, John D Williams, and Nicholas Topley

1901 Hydrogen Sulfide-Induced Hypometabolism Prevents Renal Ischemia/Reperfusion Injury
Eelke M. Bos, Henri G.D. Leuvenink, Pauline M. Snijder, Niels J. Kloosterhuis, Jan-Luuk Hillebrands, Jaklien C. Leemans, Sandrine Florquin, and Harry van Goor

BASIC RESEARCH

1907 ★ Inhibition of Integrin-Linked Kinase Attenuates Renal Interstitial Fibrosis
Yingjian Li, Xiaoyue Tan, Chunsun Dai, Donna B. Stolz, Dan Wang, and Youhua Liu

1919 β-Catenin Promotes Survival of Renal Epithelial Cells by Inhibiting Bax
Zhiyong Wang, Andrea Havasi, Jonathan M. Gall, Haiping Mao, John H. Schwartz, and Steven C. Borkan

1929 Podocyte Glutamatergic Signaling Contributes to the Function of the Glomerular Filtration Barrier
Laura Giardino, Silvia Armelloni, Alessandro Corbelli, Deborah Mattinzoli, Cristina Zennaro, Dominique Guerret, Fabien Tourrel, Masami Ikehata, Min Li, Silvia Berra, Michele Carraro, Piergiorgio Messa, and Maria P. Rastaldi

1941 Renal FcRn Reclaims Albumin but Facilitates Elimination of IgG
Menaka Sarav, Ying Wang, Bradley K. Hack, Anthony Chang, Mark Jensen, Lihua Bao, and Richard J. Quigg

1953 ★ Distinct Roles for Basal and Induced COX-2 in Podocyte Injury
Huifang Cheng, Xiaofeng Fan, Youfei Guan, Gilbert W. Moeckel, Roy Zent, and Raymond C. Harris

1963 Nitric Oxide Inhibits Glomerular TGF-β Signaling via SMOC-1
Ellen Dreieicher, Karl-Friedrich Beck, Sandra Lazaroski, Meike Boosen, Wasiliki Tsalastra-Greul, Martina Beck, Ingrid Fleming, Liliana Schaefer, and Josef Pfeilschifter

1975 Decreased Nitric Oxide Bioavailability in a Mouse Model of Fabry Disease
Liming Shu, James L. Park, Jaeman Byun, Subramaniam Pennathur, Jessica Kollmeyer, and James A. Shayman

1986 Viral RNA and DNA Trigger Common Antiviral Responses in Mesangial Cells
Ramanjaneyulu Allam, Julia Lichtnekert, Anton G. Moll, Anela Taubitz, Volker Vielhauer, and Hans-Joachim Anders

1997 ★ Wnt/β-Catenin Signaling Promotes Podocyte Dysfunction and Albuminuria
Chunsun Dai, Donna B. Stolz, Lawrence P. Kiss, Satdarshan P. Monga, Lawrence B. Holzman, and Youhua Liu

2009 Indirect Regulation of PTH by Estrogens May Require FGF23
Natalia Carrillo-López, Pablo Román-Garcia, Ana Rodríguez-Rebollar, José Luis Fernández-Martín, Manuel Naves-Díaz, and Jorge B. Cannata-Andia

2018 Epac Regulates UT-A1 to Increase Urea Transport in Inner Medullary Collecting Ducts
Yanhua Wang, Janet D. Klein, Mitsi A. Blount, Christopher F. Martin, Kimilia J. Kent, Vladimir Pech, Susan M. Wall, and Jeff M. Sands

CLINICAL EPIDEMIOLOGY

2025 ★ H-Y Incompatibility Predicts Short-Term Outcomes for Kidney Transplant Recipients
S. Joseph Kim and John S. Gill

2034 ★ Considerations in the Statistical Analysis of Hemodialysis Patient Survival
Christos Argyropoulos, Chung-Chou H. Chang, Laura Plantinga, Nancy Fink, Neil Powe, and Mark Unruh

See related editorials by Brunelli (pp. 1866–1867) and Lowrie (pp. 1867–1869).
2044 Arterial Stiffness in Mild-to-Moderate CKD
Ashish Upadhyay, Shih-Jen Hwang,
Gary F. Mitchell, Ramachandran S. Vasan,
Joseph A. Vita, Plamen I. Stantchev,
James B. Meigs, Martin G. Larson, Daniel Levy,
Emelia J. Benjamin, and Caroline S. Fox

CLINICAL RESEARCH

2055 Proliferative Glomerulonephritis with
Monoclonal IgG Deposits
Samih H. Nasr, Anjali Satoskar, Glen S. Markowitz,
Anthony M. Valeri, Gerald B. Appel,
Michael B. Stokes, Tibor Nadasdy, and
Vivette D. D’Agati

2065 Urinary Peptidome May Predict Renal
Function Decline in Type 1 Diabetes and
Microalbuminuria
Michael L. Merchant, Bruce A. Perkins,
Grzegorz M. Boratyn, Linda H. Ficociello,
Daniel W. Wilkey, Michelle T. Barati,
Clinton C. Bertram, Grier P. Page, Brad H. Rovin,
James H. Warram, Andrzej S. Krolewski, and
Jon B. Klein

2075 Bicarbonate Supplementation Slows Progression
of CKD and Improves Nutritional Status
Ione de Brito-Ashurst, Mira Varagunam,
Martin J. Raftery, and Muhammad M. Yaqoob
• See related editorial by Frassetto and Hsu
 (pp. 1869–1870).