This Month's Highlights

UP FRONT MATTERS

Editorials

1777 Phosphate REINs in the Renoprotective Benefit of ACE Inhibition
Geoffrey A. Block and Myles Wolf
• See related article by Zoccoli et al. (pp. 1923–1930).

1779 Is There Something Better than the Best Marker of Kidney Function?
Brad C. Astor and Nrupen A. Bhavsar
• See related article by Hsu et al. (pp. 1931–1937).

1781 Antimicrobial Catheter Locks: Searching for the Ideal Solution
Anthony J. Bleyer and Mariana Murea
• See related article by Campos et al. (pp. 1939–1945).

1783 Autoantibodies: What’s in Their Teeth?
Aleeza J. Roth and Ronald J. Falk
• See related article by Olson et al. (pp. 1946–1952).

Brief Reviews

1785 Current Therapy for IgA Nephropathy
Jürgen Floege and Frank Etter

1795 The Pathophysiology of IgA Nephropathy
Hitoshi Suzuki, Krysztof Krylyuk, Jan Novak, Zina Moldoveanu, Andrew B. Herr, Matthew B. Renfrow, Robert J. Wyatt, Francesco Scolari, Jiri Mestecky, Ali G. Gharavi, and Bruce A. Julian

Pathophysiology of the Renal Biopsy

1804 Membranous Nephropathy with Crescents
Amanda Walton Basford, Julia Lewis, Jamie P. Dwyer, and Agnes B. Fogo

BRIEF COMMUNICATIONS

1809 ★ Macrophages Promote Cyst Growth in Polycystic Kidney Disease
Anil Karihaloo, Farrukh Koraishy, Sarah C. Huen, Yashang Lee, David Merrick, Michael J. Caplan, Stefan Somlo, and Lloyd G. Cantley

1815 ★ Exome Sequencing Reveals Cubilin Mutation as a Single-Gene Cause of Proteinuria

BASIC RESEARCH

1821 Distinct Roles of CSF-1 Isoforms in Lupus Nephritis

1834 ★ Astrocytes Are an Early Target in Osmotic Demyelination Syndrome
Fabrice Gankam Kengne, Charles Nicaise, Alain Soupart, Alain Boom, Johan Schiettecatte, Roland Pochet, Jean Pierre Brion, and Guy Decaux

1846 AMPK Mediates the Initiation of Kidney Disease Induced by a High-Fat Diet
Anne-Emilie Declèves, Anna V. Mathew, Robyn Cunard, and Kumar Sharma

1856 Warfarin-Related Nephropathy Modeled by Nephron Reduction and Excessive Anticoagulation
Kyle Ware, Polina Brodsky, Anjali A. Satoskar, Tibor Nadasdy, Gyongyi Nadasdy, Haifeng Wu, Brad H. Rovin, Udayan Bhatt, Jon Von Visger, Lee A. Hebert, and Sergey V. Brodsky

Red star ★ indicates articles that are features in This Month’s Highlights.
1863 Valproic Acid Attenuates Proteinuria and Kidney Injury
Katrien Van Beneden, Caroline Geers, Marina Pauwels, Inge Mannaerts, Dierik Verbeelen, Leo A. van Grunsven, and Christiane Van den Branden

1876 CXCL16 Recruits Bone Marrow-Derived Fibroblast Precursors in Renal Fibrosis
Gang Chen, Song-Chang Lin, Jiyuan Chen, Liqun He, Feixia Dong, Jing Xu, Shuhua Han, Jie Du, Mark L. Entman, and Yanlin Wang

1887 B15–42 Attenuates the Effect of Ischemia-Reperfusion Injury in Renal Transplantation
Inga Sörensen, Song Rong, Nathan Susnik, Faikah Gueller, Nelli Shushakova, Melanie Albrecht, Anna-Maria Dittrich, Sibyle von Vietinghoff, Jan Ulrich Becker, Anette Melk, Andrea Bohlmann, Sonja Reingruber, Peter Petzelbauer, Hermann Haller, and Roland Schmitt

1897 AMPK Potentiates Hypertonicity-induced Apoptosis by Suppressing NFκB/COX-2 in Medullary Interstitial Cells
Qifei Han, Xiaoyan Zhang, Rui Xue, Hang Yang, Yunfeng Zhou, Xiaomu Kong, Pan Zhao, Jing Li, Jichun Yang, Yi Zhu, and Youfei Guan

CLINICAL EPIDEMIOLOGY

1913 FGF-23 Associates with Death, Cardiovascular Events, and Initiation of Chronic Dialysis

1931 Measured GFR Does Not Outperform Estimated GFR in Predicting CKD-related Complications
Chi-yuan Hsu, Kathleen Propert, Dawei Xie, Lee Hamm, Jiang He, Edgar Miller, Akinlolu Ojo, Michael Shlipak, Valerie Teal, Raymond Townsend, Matthew Weir, Jillian Wilson, and Harold Feldman, for the CRIC Investigators
See related editorial by Astor and Bhavsar (pp. 1779–1781).

1939 Minocycline-EDTA Lock Solution Prevents Catheter-Related Bacteremia in Hemodialysis
Rodrigo Peixoto Campos, Marcelo Mazza do Nascimento, Domingos Candido Chula, and Miguel Carlos Riella
See related editorial by Bleyer and Murea (pp. 1781–1782).

1946 Asymptomatic Autoantibodies Associate with Future Anti-glomerular Basement Membrane Disease
Stephen W. Olson, Charles B. Arbogast, Thomas P. Baker, David Owshalimpur, David K. Oliver, Kevin C. Abbott, and Christina M. Yuan
See related editorial by Roth and Falk (pp. 1783–1784).

1953 ERRATUM

1923 Phosphate May Promote CKD Progression and Attenuate Renoprotective Effect of ACE Inhibition
Carmine Zoccali, Piero Ruggenenti, Annalisa Perna, Daniela Leonards, Rocco Tripepi, Giovanni Tripepi, Francesca Mallamaci, and Giuseppe Remuzzi, for the REIN Study Group
See related editorial by Block and Wolf (pp. 1777–1779).