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 Zocalli 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 Eitner

1795 The Pathophysiology of IgA Nephropathy
Hitoshi Suzuki, Krzysztof Kiryluk, 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

1808 Current Therapy for IgA Nephropathy
Jürgen Floege and Frank Eitner

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 Declives, 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
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<td>1863</td>
<td>Valproic Acid Attenuates Proteinuria and Kidney Injury</td>
<td>Katrien Van Beneden, Caroline Geers, Marina Pauwels, Inge Mannaerts, Dierik Verbeelen, Leo A. van Grunsven, Christiane Van den Branden</td>
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<td>1876</td>
<td>CXCL16 Recruits Bone Marrow-Derived Fibroblast Precursors in Renal Fibrosis</td>
<td>Gang Chen, Song-Chang Lin, Jiyuan Chen, Liqun He, Feixia Dong, Jing Xu, Shuhua Han, Jie Du, Mark L. Entman, Yanlin Wang</td>
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<td>1897</td>
<td>AMPK Potentiates Hypertonicity-induced Apoptosis by Suppressing NFκB/COX-2 in Medullary Interstitial Cells</td>
<td>Qifei Han, Xiaoyan Zhang, Rui Xue, Hang Yang, Yunfeng Zhou, Xiaomu Kong, Pan Zhao, Jing Li, Jichun Yang, Yi Zhu, Youfei Guan</td>
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<td>1931</td>
<td>Phosphate May Promote CKD Progression and Attenuate Renoprotective Effect of ACE Inhibition</td>
<td>Carmine Zoccali, Piero Ruggenenti, Annalisa Perna, Daniela Leonards, Rocco Tripepi, Giovanni Tripepi, Francesca Mallamaci, and Giuseppe Remuzzi, for the REIN Study Group</td>
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<td>1939</td>
<td>Minocycline-EDTA Lock Solution Prevents Catheter-Related Bacteremia in Hemodialysis</td>
<td>Rodrigo Peixoto Campos, Marcelo Mazza do Nascimento, Domingos Candido Chula, Miguel Carlos Riella</td>
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<td>1946</td>
<td>Asymptomatic Autoantibodies Associate with Future Anti-glomerular Basement Membrane Disease</td>
<td>Stephen W. Olson, Charles B. Arbogast, Thomas P. Baker, David Owshalimpur, David K. Oliver, Kevin C. Abbott, and Christina M. Yuan</td>
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<td>1953</td>
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