

This Month's Highlights

UP FRONT MATTERS

Editorials

- 1909 Small RNAs Have a Big Effect on Polycystic Kidney Disease**
Oliver Wessely and Uyen Tran
• See related article by Patel et al. (pp. 1941–1948).
- 1911 Monoclonal Anti-PLA2R and Recurrent Membranous Nephropathy: Another Piece of the Puzzle**
Laurence H. Beck, Jr.
• See related article by Debiec et al. (pp. 1949–1954).
- 1913 Mast Cells: Subordinates or Masterminds in Autoimmunity?**
Kathrin Eller and Alexander R. Rosenkranz
• See related article by Gan et al. (pp. 1955–1966).
- 1915 Kidney Disease Progression and Screening Cost-Effectiveness among African Americans**
Roberto B. Vargas and Keith C. Norris
• See related article by Hoerger et al. (pp. 2035–2041).

Brief Reviews

- 1917 Mechanisms and Treatment of CKD**
Piero Ruggenenti, Paolo Cravedi, and Giuseppe Remuzzi
- 1929 CKD and Sudden Cardiac Death: Epidemiology, Mechanisms, and Therapeutic Approaches**
Isaac R. Whitman, Harold I. Feldman, and Rajat Deo

BRIEF COMMUNICATIONS

- 1941 ★MicroRNAs Regulate Renal Tubule Maturation through Modulation of *Pkd1***
Vishal Patel, Sachin Hajamis, Darren Williams, Ryan Hunter, Donovan Huynh, and Peter Igarashi
• See related editorial by Wessely and Tran (pp. 1909–1910).

- 1949 ★Recurrent Membranous Nephropathy in an Allograft Caused by IgG3 κ Targeting the PLA2 Receptor**
Hanna Debiec, Melanie Hanoy, Arnaud Francois, Dominique Guerrot, Sophie Ferlicot, Catherine Johanet, Pierre Aucouturier, Michel Godin, and Pierre Ronco
• See related editorial by Beck (pp. 1911–1913).

BASIC RESEARCH

- 1955 Mast Cells Contribute to Peripheral Tolerance and Attenuate Autoimmune Vasculitis**
Poh-Yi Gan, Shaun A. Summers, Joshua D. Ooi, Kim M. O'Sullivan, Diana S.Y. Tan, Ruth C.M. Muljadi, Dragana Odobasic, A. Richard Kitching, and Stephen R. Holdsworth
• See related editorial by Eller and Rosenkranz (pp. 1913–1914).
- 1967 NADPH-Oxidase 4 Protects against Kidney Fibrosis during Chronic Renal Injury**
Stellor Nlandu Khodo, Eva Dizin, Gaetan Sossauer, Ildiko Szanto, Pierre-Yves Martin, Eric Feraille, Karl Heinz Krause, and Sophie de Seigneux
- 1977 Vitamin D Receptor Signaling in Podocytes Protects against Diabetic Nephropathy**
Youli Wang, Dilip K. Deb, Zhongyi Zhang, Tao Sun, Weicheng Liu, Dosuk Yoon, Juan Kong, Yunzi Chen, Anthony Chang, and Yan Chun Li
- 1987 ★Immature Renal Dendritic Cells Recruit Regulatory CXCR6⁺ Invariant Natural Killer T Cells to Attenuate Crescentic GN**
Jan-Hendrik Riedel, Hans-Joachim Paust, Jan-Eric Turner, André P. Tittel, Christian Krebs, Erik Disteldorf, Claudia Wegscheid, Gisa Tiegs, Joachim Velden, Hans-Willi Mittrücker, Natalio Garbi, Rolf A.K. Stahl, Oliver M. Steinmetz, Christian Kurts, and Ulf Panzer
- 2001 Deleting the TGF- β Receptor Attenuates Acute Proximal Tubule Injury**
Leslie Gewin, Sangeetha Vadivelu, Surekha Neelisetty, Manakan B. Srichai, Paisit Pauksakon, Ambra Pozzi, Raymond C. Harris, and Roy Zent

2012 **MicroRNA-494 Reduces ATF3 Expression and Promotes AKI**
Yi-Fan Lan, Hsi-Hsien Chen, Pei-Fang Lai, Ching-Feng Cheng, Yen-Ta Huang, Yi-Chao Lee, Tzen-Wen Chen, and Heng Lin

2024 **Aluminum Citrate Prevents Renal Injury from Calcium Oxalate Crystal Deposition**
Lauren M. Besenhofer, Marie C. Cain, Cody Dunning, and Kenneth E. McMartin

CLINICAL EPIDEMIOLOGY

2035 ★ **Cost-Effectiveness of Screening for Microalbuminuria among African Americans**
Thomas J. Hoerger, John S. Wittenborn, Xiaohui Zhuo, Meda E. Pavkov, Nilka R. Burrows, Paul Eggers, Regina Jordan, Sharon Saydah, and Desmond E. Williams

- See related editorial by Vargas and Norris (pp. 1915–1916).

2042 ★ **Multivessel Coronary Artery Bypass Grafting Versus Percutaneous Coronary Intervention in ESRD**
Tara I. Chang, David Shilane, Dhruv S. Kazi, Maria E. Montez-Rath, Mark A. Hlatky, and Wolfgang C. Winkelmayer

CLINICAL RESEARCH

2051 ★ **Circulating suPAR in Two Cohorts of Primary FSGS**
Changli Wei, Howard Trachtman, Jing Li, Chuanhui Dong, Aaron L. Friedman, Jennifer J. Gassman, June L. McMahan, Milena Radeva, Karsten M. Heil, Agnes Trautmann, Ali Anarat, Sevinc Emre, Gian M. Ghiggeri, Fatih Ozaltin, Dieter Haffner, Debbie S. Gipson, Frederick Kaskel, Dagmar-Christiane Fischer, Franz Schaefer, and Jochen Reiser for the PodoNet and FSGS CT Study Consortia

2061 **Donor-Specific Antibodies Adversely Affect Kidney Allograft Outcomes**
Sumit Mohan, Amudha Palanisamy, Demetra Tsapepas, Bekir Tanriover, R. John Crew, Geoffrey Dube, Lloyd E. Ratner, David J. Cohen, and Jai Radhakrishnan