

This Month's Highlights

UP FRONT MATTERS

Editorials

1599 Partial Answers from Partial Klotho Deficiency

Tamara Isakova and Myles Wolf

- See related article by Olauson et al. (pp. 1641–1651).

1601 New Treatments for CKD—New Insights into Pathogenesis

Eleanor D. Lederer and Jon B. Klein

- See related article by Reisman et al. (pp. 1663–1673).

1603 Connecting the Segments

Roy Zent and Ambra Pozzi

- See related article by Kao et al. (pp. 1682–1690).

1605 Urinary Albumin: How Low Is Normal?

Jiang He and Jing Chen

- See related article by Ruggenenti et al. (pp. 1717–1724).

1607 How Benign Is IgA Nephropathy with Minimal Proteinuria?

Benjamin J. Freda and Gregory L. Braden

- See related article by Gutiérrez et al. (pp. 1753–1760).

Occasional Observation

1611 Basic Research in Nephrology: Are We in Decline?

Qais Al-Awqati

Brief Review

1617 Treatment of Idiopathic Membranous Nephropathy

Meryl Waldman and Howard A. Austin III

Science in Renal Medicine

1631 Mechanisms of Anemia in CKD

Jodie L. Babitt and Herbert Y. Lin

BRIEF COMMUNICATION

1635 Identification and Characterization of an Activating F229V Substitution in the V2 Vasopressin Receptor in an Infant with NSIAD

Eric Carpentier, Larry A. Greenbaum, Driss Rochdi, Ravinder Abrol, William A. Goddard III, Daniel G. Bichet, and Michel Bouvier

BASIC RESEARCH

1641 ★ Targeted Deletion of Klotho in Kidney Distal Tubule Disrupts Mineral Metabolism

Hannes Olauson, Karolina Lindberg, Risul Amin, Ting Jia, Annika Wernerson, Göran Andersson, and Tobias E. Larsson

- See related editorial by Isakova and Wolf (pp. 1599–1601).

1652 Tuberin Inhibits Production of the Matrix Protein Fibronectin in Diabetes

Samy L. Habib, Mukesh Yadav, Shaza Tizani, Basant Bhandari, and Anthony J. Valente

1663 Bardoxolone Methyl Decreases Megalin and Activates Nrf2 in the Kidney

Scott A. Reisman, Glenn M. Chertow, Sudarshan Hebbar, Nosratola D. Vaziri, Keith W. Ward, and Colin J. Meyer

- See related editorial by Lederer and Klein (pp. 1601–1603).

1674 Folate-Conjugated Rapamycin Slows Progression of Polycystic Kidney Disease

Jonathan M. Shillingford, Christopher P. Leamon, Iontcho R. Vlahov, and Thomas Weimbs

1682 ★ Invasion of Distal Nephron Precursors Associates with Tubular Interconnection during Nephrogenesis

Robert M. Kao, Aleksandr Vasilyev, Atsushi Miyawaki, Iain A. Drummond, and Andrew P. McMahon

- See related editorial by Zent and Pozzi (pp. 1603–1605).

1691 Npt2b Deletion Attenuates Hyperphosphatemia Associated with CKD

Susan C. Schiavi, Wen Tang, Christina Bracken, Stephen P. O'Brien, Wenping Song, Joseph Boulanger, Susan Ryan, Lucy Phillips, Shiguang Liu, Cynthia Arbeeny, Steven Ledbetter, and Yves Sabbagh

1701 ★Absence of MyD88 Signaling Induces Donor-Specific Kidney Allograft Tolerance

Huilin Wu, Gerda A. Noordmans, Maya R. O'Brien, Jin Ma, Cathy Y. Zhao, Geoff Y. Zhang, Tony K.T. Kwan, Stephen I. Alexander, and Steven J. Chadban

CLINICAL EPIDEMIOLOGY

1717 ★Measurable Urinary Albumin Predicts Cardiovascular Risk among Normoalbuminuric Patients with Type 2 Diabetes

Piero Ruggerenti, Esteban Porrini, Nicola Motterlini, Annalisa Perna, Aneliya Parvanova Ilieva, Ilian Petrov Iliev, Alessandro Roberto Dodesini, Roberto Trevisan, Antonio Bossi, Giuseppe Sampietro, Enrica Capitoni, Flavio Gaspari, Nadia Rubis, Bogdan Ene-Iordache, and Giuseppe Remuzzi for the BENEDICT Study Investigators

• See related editorial by He and Chen (pp. 1605–1607).

1725 Associations between Kidney Function and Subclinical Cardiac Abnormalities in CKD

Meyeon Park, Chi-yuan Hsu, Yongmei Li, Rakesh K. Mishra, Martin Keane, Sylvia E. Rosas, Daniel Dries, Dawei Xie, Jing Chen, Jiang He, Amanda Anderson, Alan S. Go, Michael G. Shlipak and Chronic Renal Insufficiency Cohort (CRIC) Study Group

CLINICAL RESEARCH

1735 ★Antiphospholipase A₂ Receptor Antibody Titer and Subclass in Idiopathic Membranous Nephropathy

Julia M. Hofstra, Hanna Debiec, Colin D. Short, Timotheé Pellé, Robert Kleta, Peter W. Mathieson, Pierre Ronco, Paul E. Brenchley, and Jack F. Wetzels

1744 ★Nanoparticle-Based Test Measures Overall Propensity for Calcification in Serum

Andreas Pasch, Stefan Farese, Steffen Gräber, Johanna Wald, Walter Richtering, Jürgen Floege, and Willi Jahn-Dechent

1753 Long-Term Outcomes of IgA Nephropathy Presenting with Minimal or No Proteinuria

Eduardo Gutiérrez, Isabel Zamora, José Antonio Ballarín, Yolanda Arce, Sara Jiménez, Carlos Quereda, Teresa Olea, Jorge Martínez-Ara, Alfons Segarra, Carmen Bernis, Asunción García, Marian Goicoechea, Soledad García de Vinuesa, Jorge Rojas-Rivera, and Manuel Praga for the Grupo de Estudio de Enfermedades Glomerulares de la Sociedad Española de Nefrología (GLOSEN)

• See related editorial by Freda and Braden (pp. 1607–1610)