This Month’s Highlights

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1573 The TGF-β Route to Renal Fibrosis Is Not Linear: The miR-21 Viaduct
Allison A. Eddy
• See related article by Zhong et al. (pp. 1668–1681).

1575 Making a Tubule the Noncanonical Way
Neil A. Hukriede and Igor B. Dawid
• See related article by Miller et al. (pp. 1654–1667).

1578 Blind Men and Elephants and the Biological Markers of AKI
Edward D. Siew
• See related articles by Parikh et al. (pp. 1737–1747 and pp. 1748–1757).

1580 Screening for Proteinuria: A Tool for Predicting Rapid Declines in Kidney Function?
Amanda Hyre Anderson
• See related article by Clark et al. (pp. 1729–1736).

1583 The Rejection Barrier to Induced Pluripotent Stem Cells
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1587 Osmosensory Mechanisms in Cellular and Systemic Volume Regulation
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Jessica L. Moore, Eric G. Neilson, and Vivian Siegel, on behalf of the Associate Editors at the Journal of the American Society of Nephrology

1603 Cross Talk Between the Renin-Angiotensin-Aldosterone System and Vitamin D-FGF-23-klotho in Chronic Kidney Disease
Martin H. de Borst, Marc G. Vervloet, Piet M. ter Wee, and Gerjan Navis

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1610 Diagnostic Value of Urinary Sodium, Chloride, Urea, and Flow
Robert W. Schrier

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1621 Activation of RhoA in Podocytes Induces Focal Segmental Glomerulosclerosis
Lei Zhu, Ruilhua Jiang, Lamine Aoudjit, Nina Jones, and Tomoko Takano

1631 Uremia Alters HDL Composition and Function
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1642 Targeted Inhibition of β-Catenin/CBP Signaling Ameliorates Renal Interstitial Fibrosis
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**1654** ★ Pronephric Tubulogenesis Requires Daam1-Mediated Planar Cell Polarity Signaling
Rachel K. Miller, Sol Gomez de la Torre Canny, Chuan-Wei Jang, Kyucheol Cho, Hong Ji, Daniel S. Wagner, Elizabeth A. Jones, Raymond Habas, and Pierre D. McCrea
• See related editorial by Hukriede and Dawid (pp. 1575–1577).

**1668** Smad3-Mediated Upregulation of miR-21 Promotes Renal Fibrosis
• See related editorial by Eddy (pp. 1573–1575).

**1682** Blocking TGF-β1 Protects the Peritoneal Membrane from Dialysate-Induced Damage
Jesús Loureiro, Abelardo Aguileña, Rafael Selgas, Pilar Sandoval, Patricia Albar-Vizcaíno, María Luisa Pérez-Lozano, Vicente Ruiz-Carpio, Pedro L. Majano, Santiago Lamas, Fernando Rodríguez-Pascual, Francisco Borras-Cuesta, Javier Dotor, and Manuel López-Cabrera

**1696** Inhibition of the P2X7 Receptor Reduces Cystogenesis in PKD
Ming-Yang Chang, Jenn-Kan Lu, Ya-Chung Tian, Yung-Chang Chen, Cheng-Chieh Hung, Yi-Hui Huang, Yau-Hung Chen, Mai-Szu Wu, Chih-Wei Yang, and Yi-Chuan Cheng

**1707** ★ Nedd4-2 Modulates Renal Na⁺-Cl⁻ Cotransporter via the Aldosterone-SGK1-Nedd4-2 Pathway
Juan Pablo Arroyo, Dagmara Lagnaz, Caroline Ronzaud, Norma Vázquez, Benjamin S. Ko, Lauren Moddes, Dorothée Ruffieux-Daidié, Pierrette Hausel, Robert Koesters, Baoli Yang, John B. Stokes, Robert S. Hoover, Gerardo Gamba, and Olivier Staub

**1721** ★ Albuminuria and Racial Disparities in the Risk for ESRD
William M. McClellan, David G. Warnock, Suzanne Judd, Paul Muntner, Reshma Kewalramani, Mary Cushman, Leslie A. McClure, Britt B. Newsome, and George Howard

**1729** ★ Dipstick Proteinuria as a Screening Strategy to Identify Rapid Renal Decline
William F. Clark, Jennifer J. Macnab, Jessica M. Sontrop, Arsh K. Jain, Louise Moist, Marina Salvadori, Rita Suri, and Amit X. Garg
• See related editorial by Hyre Anderson (pp. 1580–1583).

**CLINICAL RESEARCH**

**1737** Postoperative Biomarkers Predict Acute Kidney Injury and Poor Outcomes after Pediatric Cardiac Surgery
Chirag R. Parikh, Prasad Devarajan, Michael Zappitelli, Kyaw Sint, Heather Thiessen-Philbrook, Simon Li, Richard W. Kim, Jay L. Koyner, Steven G. Coca, Charles L. Edelstein, Michael G. Shlipak, Amit X. Garg, and Catherine D. Krawczeski, for the TRIBE-AKI Consortium
• See related editorial by Siew (pp. 1578–1580).

**1748** Postoperative Biomarkers Predict Acute Kidney Injury and Poor Outcomes after Adult Cardiac Surgery
Chirag R. Parikh, Steven G. Coca, Heather Thiessen-Philbrook, Michael G. Shlipak, Jay L. Koyner, Zhu Wang, Charles L. Edelstein, Prasad Devarajan, Uptal D. Patel, Michael Zappitelli, Catherine D. Krawczeski, Cary S. Passik, Madhav Swaminathan, and Amit X. Garg, for the TRIBE-AKI Consortium
• See related editorial by Siew (pp. 1578–1580).

**1758** ★ Randomized Trial of Immunosuppressive Regimens in Renal Transplantation
Giselle Guerra, Gaetano Ciancio, Jeffrey J. Gaynor, Alberto Zarak, Randolph Brown, Lois Hanson, Junichiro Sageshima, David Roth, Linda Chen, Warren Kupin, Lissett Tueros, Phillip Ruiz, Alan S. Livingstone, and George W. Burke III

**1769** Colonic Contribution to Uremic Solutes
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