This Month’s Highlights

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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
Savithri Balasubramanian, Satya K. Kota, and M. Todd Valerius

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1587 Osmosensory Mechanisms in Cellular and Systemic Volume Regulation
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Special Articles

1598 Effect of Recommendations from Reviewers Suggested or Excluded by Authors
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

BRIEF COMMUNICATION

1615 Trends in the Timing of Pre-emptive Kidney Transplantation
Morgan E. Grams, Allan B. Massie, Josef Coresh, and Dorry L. Segev

BASIC RESEARCH

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Lei Zhu, Ruihua Jiang, Lamine Aoudjit, Nina Jones, and Tomoko Takano

1631 Uremia Alters HDL Composition and Function
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Red star ★ indicates articles that are features in This Month’s Highlights.
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).

Smad3-Mediated Upregulation of miR-21 Promotes Renal Fibrosis

See related editorial by Eddy (pp. 1573–1575).

Blocking TGF-β1 Protects the Peritoneal Membrane from Dialysate-Induced Damage
Jesús Loureiro, Abelardo Aguillera, 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

Inhibition of the P2X7 Receptor Reduces Cystogenesis in PKD
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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 Haasel, Robert Koesters, Baoli Yang, John B. Stokes, Robert S. Hoover, Gerardo Gamba, and Olivier Staub

Clinical Epidemiology

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

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

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).

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).

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

Colonic Contribution to Uremic Solutes
Pavel A. Aronov, Frank J.-G. Luo, Natalie S. Plummer, Zhe Quan, Susan Holmes, Thomas H. Hostetter, and Timothy W. Meyer