This Month’s Highlights

UP FRONT MATTERS

Editorials

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

Brief Review

1587  Osmosensory Mechanisms in Cellular and Systemic Volume Regulation
      Stine Falsig Pedersen, Andráš Kapus, and Else K. Hoffmann

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

Science in Renal Medicine

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

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

1631  Uremia Alters HDL Composition and Function
      Michael Holzer, Ruth Birner-Gruenberger, Tatjana Stojakovic, Dalia El-Gamal, Veronika Binder, Christian Wadsack, Akos Heinemann, and Gunther Marsche

1642  Targeted Inhibition of β-Catenin/CPB Signaling Ameliorates Renal Interstitial Fibrosis
      Sha Hao, Weichun He, Yingjian Li, Hong Ding, Yayi Hou, Jing Nie, Fan Fan Hou, Michael Kahn, and Youhua Liu

Red star ★ indicates articles that are features in This Month’s Highlights.
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
Jesus Loureiro, Abelardo Aguilera, Rafael Selgas, Pilar Sandoval, Patricia Albar-Vizcaino, 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-ChiehHung, 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

CLINICAL EPIDEMIOLOGY

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