This Month’s Highlights

UP FRONT MATTERS

Editorials

2495 A New Dimension to the Mechanisms Causing Muscle Loss in CKD
S. Russ Price and James L. Bailey
See related article by Zhang et al. (pp. 2573–2587).

2496 Much to Fear about MUCH
Rajiv Agarwal
See related article by Rahman et al. (pp. 2609–2621).

2499 Binder Blunder in CKD
Joachim H. Ix
See related article by Toussaint et al. (pp. 2653–2666).

Perspective

2502 The Mechanism of Kidney Disease Due to APOL1 Risk Variants
Etienne Pays

Review

2506 Leveraging the Capabilities of the FDA’s Sentinel System To Improve Kidney Care
Sruthi Adimadhyam, Erin F. Barreto, Noelle M. Cocoros, Sengwee Toh, Jeffrey S. Brown, Judith C. Maro, Jacqueline Corrigan-Curry, Gerald J. Dal Pan, Robert Ball, David Martin, Michael Nguyen, Richard Platt, and Xiaojuan Li

RESEARCH LETTER

2517 COVID-19 Infection in ESKD: Findings from a Prospective Disease Surveillance Program at Dialysis Facilities in New York City and Long Island
Steven Weiss, Premila Bhat, Maria del Pilar Fernandez, J. Ganesh Bhat, and George N. Coritsidis

BASIC RESEARCH

2523 Live Imaging of Monocyte Subsets in Immune Complex-Mediated Glomerulonephritis Reveals Distinct Phenotypes and Effector Functions

2543 Hnf4a Is Required for the Development of Cdh6-Expressing Progenitors into Proximal Tubules in the Mouse Kidney
Sierra S. Marable, Eunah Chung, and Joo-Seop Park

2559 Nephron Progenitor Maintenance Is Controlled through Fibroblast Growth Factors and Sprouty1 Interaction
Sung-Ho Huh, Ligyeom Ha, and Hee-Seong Jang

2573 ⋆ Mechanisms Regulating Muscle Protein Synthesis in CKD
Liping Zhang, Qin Chen, Zihong Chen, Ying Wang, Jorge L. Gamboa, Talat Alp Ikizler, Giacomo Garibotto, and William E. Mitch
See related editorial by Price and Bailey (pp. 2495–2496).

2589 ⋆ Fibrosis and Immune Cell Infiltration Are Separate Events Regulated by Cell-Specific Receptor Notch3 Expression
Sabine Brandt, Tobias M. Ballhause, Anja Bernhardt, Annika Becker, Delia Salaru, Hien Minh Le-Defuge, Alexander Fehr, Yan Fu, Lars Philipsen, Sonja Djudaj, Andreas J. Müller, Rafael Kramann, Mahmoud Ibrahim, Robert Geffers, Chris Siebel, Berend Iseman, Florian H. Heidel, Jonathan A. Lindquist, and Peter R. Mertens

CLINICAL EPIDEMIOLOGY

2609 ⋆ Prognostic Significance of Ambulatory BP Monitoring in CKD: A Report from the Chronic Renal Insufficiency Cohort (CRIC) Study
Mahboob Rahman, Xue Wang, Joshua D. Bundy, Jeanne Charleston, Debbie Cohen, Jordana Cohen, Paul E. Drawz, Lama Ghazi, Edward Horowitz, James P. Lash, Sarah Schrauben, Matthew R. Weir, Dawei Xie, and Raymond R. Townsend, the CRIC Study Investigators
See related editorial by Agarwal (pp. 2496–2499).

2622 Effect of Neighborhood Food Environment and Socioeconomic Status on Serum Phosphorus Level for Patients on Chronic Dialysis
Vishnu S. Potluri, Deirdre Sawinski, Vicky Tam, Justine Shults, Jordana B. Cohen, Douglas J. Wiebe, Siddharth P. Shah, Jeffrey S. Berns, and Peter P. Reese

Red star ⋆ indicates articles that are features in This Month’s Highlights.
Secular Changes in Mortality and Hospitalization over Time in People with Kidney Failure or Severe CKD as Compared with Other Noncommunicable Diseases
Marcello Tonelli, Natasha Wiebe, Matthew T. James, Scott W. Klarenbach, Braden J. Manns, Neesh Pannu, Pietro Ravani, and Brenda R. Hemmelgarn

Larger Nephron Size and Nephrosclerosis Predict Progressive CKD and Mortality after Radical Nephrectomy for Tumor and Independent of Kidney Function

A Randomized Trial on the Effect of Phosphate Reduction on Vascular End Points in CKD (IMPROVE-CKD)

Thematic Analysis of Hospice Mentions in the Health Records of Veterans with Advanced Kidney Disease
Ann M. O'Hare, Catherine R. Butler, Janelle S. Taylor, Susan P.Y. Wong, Elizabeth K. Vig, Ryan S. Laundry, Melissa W. Wachterman, Paul L. Hebert, Chuan-Fen Liu, Nilka Rios-Burrows, and Claire A. Richards

Multicenter Study to Transplant Hepatitis C–Infected Kidneys (MYTHIC): An Open-Label Study of Combined Gileaprevir and Pibrentasvir to Treat Recipients of Transplanted Kidneys from Deceased Donors with Hepatitis C Virus Infection

Efficacy of Rituximab and Plasma Exchange in Antineutrophil Cytoplastic Antibody–Associated Vasculitis with Severe Kidney Disease
Marta Casal Moura, Maria V. Irazabal, Alfonso Erín, Ladan Zand, Sanjeev Sethi, Bijan J. Borah, Jeffrey L. Winters, James P. Moriarty, Rodrigo Cartin-Ceba, Alvise Berti, Misbah Baqr, Gwen E. Thompson, Ashima Makol, Kenneth J. Warrington, Viengneese Thao, Ulrich Specks, and Fernando C. Fervenza

Extracellular Matrix Injury of Kidney Allografts in Antibody-Mediated Rejection: A Proteomics Study

Soluble Urokinase Receptor (SuPAR) in COVID-19–Related AKI

Role of Roxadustat for ESA-Resistant Renal Anemia? — Read with Caution
Mototsugu Tanaka, Kayo Shinhara, Akiko Ono, and Mutsuhiro Ikuma

Authors’ Reply
Tadao Akizawa, Manabu Iwasaki, Yusuke Yamaguchi, Yoshikatsu Majikawa, and Michael Reusch

The FDA Metformin Label Change and Racial and Sex Disparities in Metformin Prescription among Patients with CKD Injury
Mark Peter Rutkowski

Authors’ Reply
Jung-Im Shin, Yingying Sang, Stephan C. Dunning, and Morgan E. Grams