UP FRONT MATTERS

Editorials

1 Genome-wide Admixture Mapping of eGFR and CKD Identify European and African Ancestry-of-Origin Loci in US Hispanics/Latinos
   Jordan G. Nestor and Cheryl A. Winkler
   • See related article by Horimoto et al. (pp. 77–87)

4 ★A Novel Pathological Mechanism of Tertiary Lymphoid Structure Formation in the Renal Pelvis
   Shinya Yamamoto and Motoko Yanagita
   • See related article by Ichii et al. (pp. 88–107)

6 Disarming the Old Foe. Restoring T-Cell Immune Function with mTor-Inhibitors to Tackle Cytomegalovirus Infection
   Oriol Bestard and Elena Crespo
   • See related article by Kaminski et al. (pp. 121–137)

9 Nudging Behavioral Economics into Nephrology Care Delivery Research
   Adam S. Wilk and Delphine S. Tuot
   • See related article by Fukuma et al. (pp. 175–185)

Perspective

12 We Must all Join the Effort to Dismantle Environmental Racism
   Ziyad Al-Aly

Review

15 Regrow or Repair: An Update on Potential Regenerative Therapies for the Kidney
   Melissa H. Little and Benjamin D. Humphreys

RESEARCH LETTER

33 COVID-19 Vaccine Type and Humoral Immune Response in Patients Receiving Dialysis
   Pablo Garcia, Shuchi Anand, Jialin Han, Maria E. Montez-Rath, Sumi Sun, Tiffany Shang, Julie Parsonnet, Glenn M. Chertow, Brigitte Schiller, and Graham Abra

RAPID COMMUNICATIONS

Estimating Nephron Number from Biopsies: Impact on Clinical Studies
   Darya Morozov, Neda Parvin, Mark Conaway, Gavin Oxley, Edwin J. Baldeломar, Aleksandra Cwiek, Kim deRonde, Scott C. Beeman, Jennifer R. Charlton, and Kevin M. Bennett

Real-World Effectiveness and Immunogenicity of BNT162b2 and mRNA-1273 SARS-CoV-2 Vaccines in Patients on Hemodialysis
   Scott Sibbel, Katherine McKeon, Jiacong Luo, Karl Wendt, Adam G. Walker, Tara Kelley, Rachael Lazar, Meredith L. Zyno, Jeffrey J. Connaire, Francesca Tentori, Amy Young, and Steven M. Brunelli

META-ANALYSIS

Systematic Review and Meta-Analyses of the Effects of Phosphate-Lowering Agents in Nondialysis CKD
   Nicole M. Lioufas, Elaine M. Pascoe, Carmel M. Hawley, Grahame J. Elder, Sunil V. Badve, Geoffrey A. Block, David W. Johnson, and Nigel D. Toussaint

BASIC RESEARCH

Genome-Wide Admixture Mapping of Estimated Glomerular Filtration Rate and Chronic Kidney Disease Identifies European and African Ancestry-of-Origin Loci in Hispanic and Latino Individuals in the United States
   Andrea R.V.R. Horimoto, Diane Xue, Jianwen Cai, James P. Lash, Martha L. Davigli, Nora Franceschini, and Timothy A. Thornton
   • See related editorial by Nestor and Winkler (pp. 1–3)

Close Association between Altered Urine–Urothelium Barrier and Tertiary Lymphoid Structure Formation in the Renal Pelvis during Nephritis
   Osamu Ichii, Marina Hosotani, Md. Abdul Masum, Taro Horino, Yuki Otani, Takashi Namba, Teppi Nakamura, Eilewa Yaser Hosny Ali, and Yasuhiro Kon
   • See related editorial by Yamamoto and Yanagita (pp. 4–6)
GWAS in Mice Maps Susceptibility to HIV-Associated Nephropathy to the Ssbp2 Locus
Nicholas J. Steers, Yask Gupta, Vivette D. D’Agati, Tze Y. Lim, Natalia DeMaria, Anna Mo, Judy Liang, Kelsey O. Stevens, Dina F. Ahram, Wan Yee Lam, Mihai Gagea, Lalitha Nagarajan, Simone Sanna-Cherchi, and Ali G. Gharavi

mTOR Inhibitors Prevent CMV Infection through the Restoration of Functional $\alpha^\beta$ and $\gamma^\delta$ T cells in Kidney Transplantation
Hannah Kaminski, Gabriel Marseses, Nathalie Yared, Marie-Julie Nokin, Vincent Pitard, Atika Zouine, Isabelle Garrigue, Séverine Loizon, Myriam Capone, Xavier Gauthereau, Maria Mamani-Matsuda, Roxane Coueron, Raül V. Durán, Benoît Pinson, Isabelle Pellégrin, Rodolphe Thiébaut, Lionel Couzi, Pierre Merville, and Julie Déchanet-Merville

Super-Resolution Imaging of the Filtration Barrier Suggests a Role for Podocin R229Q in Genetic Predisposition to Glomerular Disease
Linus Butt, David Unnersjö-Jess, Martin Höhne, Robert Hahnfeldt, Dervla Reilly, Markus M. Rinschen, Ingo Plagmann, Paul Diefenhardt, Sebastian Brähler, Paul T. Brinkkötter, Hjalmar Brismar, Hans Blom, Bernhard Schermer, and Thomas Benzing

Three-Dimensional Visualization of the Podocyte Actin Network Using Integrated Membrane Extraction, Electron Microscopy, and Machine Learning
Chengqing Qu, Robyn Roth, Pongpratch Puapatanakul, Charles Loitman, Dina Hammad, Guy M. Genin, Jeffrey H. Miner, and Hani Y. Suleiman

Effect of Nudge-Based Intervention on Adherence to Physician Visit Recommendations and Early Health Outcomes among Individuals Identified with Chronic Kidney Disease in Screens
Shingo Fukuma, Shusaku Sasaki, Masataka Taguri, Rei Goto, Toshihiro Misumi, Yusuke Saigusa, and Yusuke Tsugawa

Activation of the Calcium Receptor by Calcimimetic Agents Is Preserved Despite Modest Attenuating Effects of Hyperphosphatemia
William G. Goodman, Donald T. Ward, Kevin J. Martin, Debra Drayer, Carol Moore, Jiahong Xu, James Lai, Yun Chon, and Edward F. Nemeth

Alpha Globin Gene Copy Number Is Associated with Prevalent Chronic Kidney Disease and Incident End-Stage Kidney Disease among Black Americans
A. Parker Ruhl, Neal Jeffries, Yu Yang, Rakhi P. Naik, Amit Patki, Lydia H. Pecker, Bryan T. Mott, Neil A. Zakai, Cheryl A. Winkler, Jeffrey B. Kopp, Leslie A. Lange, Margarette R. Irvin, Orlando M. Gutierrez, Mary Cushman, and Hans C. Ackerman

Hyperkalemia Risk with Finerenone: Results from the FIDELIO-DKD Trial
Rajiv Agarwal, Amer Joseph, Stefan D. Anker, Gerasimos Filippatos, Peter Rossing, Luis M. Ruijope, Bertram Pitt, Peter Kolkhof, Charlie Scott, Robert Lawatscheck, Daniel J. Wilson, and George L. Bakris, on behalf of the FIDELIO-DKD Investigators

Discovery of Autoantibodies Targeting Nephrin in Minimal Change Disease Supports a Novel Autoimmune Etiology

Correction: Manipulation of Nephron-Patterning Signals Enables Selective Induction of Podocytes from Human Pluripotent Stem Cells

See related editorial by Bestard and Crespo (pp. 6–8)
See related editorial by Wilk and Tuot (pp. 9–11)