

This Month's Highlights

UP FRONT MATTERS

Editorial

- 2743 Mix for Regeneration: Nephron Replacement by Transplanted Cells**
Kai M. Schmidt-Ott
• See related article by Pleniceanu et al. (pp. 2757–2772).

Perspectives

- 2746 Does SARS-CoV-2 Infect the Kidney?**
Shaza Khan, Lihe Chen, Chin-Rang Yang, Viswanathan Raghuram, Syed J. Khundmiri, and Mark A. Knepper
- 2749 The Imposed Obscurity of Richard W. Lippman, MD (1916–1959), Revered Renal Researcher and Physician**
Franklin G. Strauss and Leon G. Fine

RESEARCH LETTER

- 2753 Detection of SARS-CoV-2 Antibodies in Kidney Transplant Recipients**
Maria Prendecki, Candice Clarke, Sarah Gleeson, Louise Greathead, Eva Santos, Adam McLean, Paul Randell, Luke S.P. Moore, Nabeela Mughal, Mary Guckian, Peter Kelleher, Stephen P. Mcadoo, and Michelle Willicombe

BASIC RESEARCH

- 2757 ★ Successful Introduction of Human Renovascular Units into the Mammalian Kidney**
Oren Pleniceanu, Orit Harari-Steinberg, Dorit Omer, Yehudit Gnatek, Bat-El Lachmi, Osnat Cohen-Zontag, Eugenia Manevitz-Mendelson, Aviv Barzilai, Matan Yampolsky, Yaron Fuchs, Barak Rosenzweig, Alon Eisner, Zohar Dotan, Leon G. Fine, Benjamin Dekel, and Shoshana Greenberger
• See related editorial by Schmidt-Ott (pp. 2743–2745).
- 2773 Only Hyperuricemia with Crystalluria, but not Asymptomatic Hyperuricemia, Drives Progression of Chronic Kidney Disease**
Markus Sellmayr, Moritz Roman Hernandez Petzsche, Qiuyue Ma, Nils Krüger, Helen Liapis, Andreas Brink,

Barbara Lenz, Maria Lucia Angelotti, Viviane Gnemmi, Christoph Kuppe, Hyojin Kim, Eric Moniqué Johannes Bindels, Ferenc Tajti, Julio Saez-Rodriguez, Maciej Lech, Rafael Kramann, Paola Romagnani, Hans-Joachim Anders, and Stefanie Steiger

- 2793 ★ Single-Cell Profiling of AKI in a Murine Model Reveals Novel Transcriptional Signatures, Profibrotic Phenotype, and Epithelial-to-Stromal Crosstalk**
Valeria Rudman-Melnick, Mike Adam, Andrew Potter, Saagar M. Chokshi, Qing Ma, Keri A. Drake, Meredith P. Schuh, J. Matthew Kofron, Prasad Devarajan, and S. Steven Potter
- 2815 ★ Synaptopodin Is Dispensable for Normal Podocyte Homeostasis but Is Protective in the Context of Acute Podocyte Injury**
Liang Ning, Hani Y. Suleiman, and Jeffrey H. Miner
- 2833 Kidney Single-Cell Atlas Reveals Myeloid Heterogeneity in Progression and Regression of Kidney Disease**
Bryan R. Conway, Eoin D. O'Sullivan, Carolynn Cairns, James O'Sullivan, Daniel J. Simpson, Angela Salzano, Katie Connor, Peng Ding, Duncan Humphries, Kevin Stewart, Oliver Teenan, Riinu Pius, Neil C. Henderson, Cécile Bénézec, Prakash Ramachandran, David Ferenbach, Jeremy Hughes, Tamir Chandra, and Laura Denby
- 2855 Spatiotemporal ATP Dynamics during AKI Predict Renal Prognosis**
Shinya Yamamoto, Masamichi Yamamoto, Jin Nakamura, Akiko Mii, Shigenori Yamamoto, Masahiro Takahashi, Keiichi Kaneko, Eiichiro Uchino, Yuki Sato, Shingo Fukuma, Hiromi Imamura, Michiyuki Matsuda, and Motoko Yanagita
- 2870 Murine Epsins Play an Integral Role in Podocyte Function**
Ying Wang, Christopher E. Pedigo, Kazunori Inoue, Xuefei Tian, Elizabeth Cross, Karen Ebenezer, Wei Li, Zhen Wang, Jee Won Shin, Eike Schwartz, Marwin Groener, and Shuta Ishibe

CLINICAL EPIDEMIOLOGY

- 2887** **Death after Kidney Transplantation: An Analysis by Era and Time Post-Transplant**
Tracey Ying, Bree Shi, Patrick J. Kelly, Helen Pilmore, Philip A. Clayton, and Steven J. Chadban

- 2900** ★ **Major Variation across Local Transplant Centers in Probability of Kidney Transplant for Wait-Listed Patients**
Kristen L. King, S. Ali Husain, Jesse D. Schold, Rachel E. Patzer, Peter P. Reese, Zhezhen Jin, Lloyd E. Ratner, David J. Cohen, Stephen O. Pastan, and Sumit Mohan

- 2912** **Slope of Kidney Function and Its Association with Longitudinal Mortality and Cardiovascular Disease among Individuals with CKD**
Paula F. Orlandi, Dawei Xie, Wei Yang, Jordana B. Cohen, Rajat Deo, Ana C. Ricardo, Sarah Schrauben, Xue Wang, L. Lee Hamm, Jiang He, James H. Sondheimer, Krishna Kallem, Raymond Townsend, Dominic Raj, Afshin Parsa, Amanda H. Anderson, and Harold I. Feldman, the CRIC Study Investigators

CLINICAL RESEARCH

- 2925** **Early Change in Albuminuria with Canagliflozin Predicts Kidney and Cardiovascular Outcomes: A Post Hoc Analysis from the CREDENCE Trial**
Megumi Oshima, Brendon L. Neuen, JingWei Li, Vlado Perkovic, David M. Charytan, Dick de Zeeuw, Robert Edwards, Tom Greene, Adeera Levin, Kenneth W. Mahaffey, Luca De Nicola, Carol Pollock, Norman Rosenthal, David C. Wheeler, Meg J. Jardine, and Hiddo J.L. Heerspink

- 2937** ★ **Short or Long Sleep Duration and CKD: A Mendelian Randomization Study**
Sehoon Park, Soojin Lee, Yaerim Kim, Yeonhee Lee, Min Woo Kang, Kwangsoo Kim, Yong Chul Kim, Seung

Seok Han, Hajeong Lee, Jung Pyo Lee, Kwon Wook Joo, Chun Soo Lim, Yon Su Kim, and Dong Ki Kim

META-ANALYSIS

- 2949** ★ **Genome-Wide Meta-Analysis Identifies Three Novel Susceptibility Loci and Reveals Ethnic Heterogeneity of Genetic Susceptibility for IgA Nephropathy**
Ming Li, Ling Wang, Dian-Chun Shi, Jia-Nee Foo, Zhong Zhong, Chiea-Chuen Khor, Chiara Lanzani, Lorena Citterio, Erika Salvi, Pei-Ran Yin, Jin-Xin Bei, Li Wang, Yun-Hua Liao, Jian Chen, Qin-Kai Chen, Gang Xu, Geng-Ru Jiang, Jian-Xin Wan, Meng-Hua Chen, Nan Chen, Hong Zhang, Yi-Xin Zeng, Zhi-Hong Liu, Jian-Jun Liu, and Xue-Qing Yu

LETTERS TO THE EDITOR

- 2965** **A Single Point-in-Time eGFR Is Not Associated with Increased Risk of Dementia in the Elderly**
Aditi Gupta and Jeffrey M. Burns

- 2966** **Authors' Reply**
Manjula Kurella Tamura, Nicholas Pajewski, and Daniel E. Weiner

- 2966** **Prevalence of COVID-19 Infection in Hemodialysis Patients Detected Using Serologic Screening**
Diana Rodríguez-Espinosa, José Jesús Broseta, Elena Cuadrado, and Francisco Maduell

- 2967** **Authors' Reply**
Candice L. Clarke, Maria Prendecki, Stephen P. McAdoo, and Michelle Willicombe

- 2968** **Long-Term Living Kidney Donor Risk: A Web-Based Calculator**
Elise F. Palzer, Shruti Vempati, Erika S. Helgeson, and Arthur J. Matas