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This Month's Highlights

UP FRONT MATTERS

Editorials

- 1827 **Transplant Biopsy Assessment in 21st Century**
Andrew F. Malone

• See related article by Buscher *et al.*
(pp. 1933–1945).

- 1829 **Biobanks Linked to Electronic Health Records Accelerate Genomic Discovery**

Dana C. Crawford and John R. Sedor

• See related article by Kiryluk *et al.*
(pp. 2031–2047)

- 1831 **Novel Insights into Mechanisms of Intestinal Phosphate Absorption in Patients with Chronic Kidney Disease**

Kitrawee Kritmetapak and Rajiv Kumar

• See related article by Stremke *et al.*
(pp. 2057–2069)

- 1833 **Prevention of Post-Transplantation Diabetes: Small Steps, Big Opportunities**

Adnan Sharif

• See related article by Hecking *et al.*
(pp. 2083–2098)

Perspectives

- 1835 **Procurement Biopsies in Kidney Transplantation: More Information May Not Lead to Better Decisions**

Krista L. Lentine, Bertram Kasiske, and David A. Axelrod

Reviews

- 1838 **Current Methodological Challenges of Single-Cell and Single-Nucleus RNA-Sequencing in Glomerular Diseases**

Dries Deleersnijder, Jasper Callemeyn, Ingrid Arijs, Maarten Naesens, Amaryllis H. Van Craenenbroeck, Diether Lambrechts, and Ben Sprangers

- 1853 **Circulating Soluble Fms-like Tyrosine Kinase in Renal Diseases Other than Preeclampsia**

Theresa M. Wewers, Annika Schulz, Ingo Nolte, Hermann Pavenstädt, Marcus Brand, and Giovana S. Di Marco

RESEARCH LETTERS

- 1865 **Presence of SARS-CoV-2 Antibodies in Spent Peritoneal Dialysate**

Xiaoling Wang, Nadja Grobe, Amrisha Patel, Shuchita Sharma, Jaime Uribarri, and Peter Kotanko

- 1868 **Race-Free Equations for eGFR: Comparing Effects on CKD Classification**

James A. Diao, Neil R. Powe, and Arjun K. Manrai

RAPID COMMUNICATIONS

- 1871 **A Biallelic Frameshift Mutation in Nephronectin Causes Bilateral Renal Agenesis in Humans**

Lei Dai, Jingzhi Li, Liangqun Xie, Weinan Wang, Yang Lu, Mingkun Xie, Jingrui Huang, Kuifang Shen, Hui Yang, Chenlin Pei, Yanhua Zhao, and Weishe Zhang

- 1880 **Antibody Status, Disease History, and Incidence of SARS-CoV-2 Infection Among Patients on Chronic Dialysis**

Dena E. Cohen, Scott Sibbel, Gilbert Marlowe, Kelsey Bludorn, Dawn Miller, Tara Kelley, Jeffrey Connaire, Amy Young, Francesca Tentori, and Steven M. Brunelli

BASIC RESEARCH

- 1887 **★Laminin-521 is a Novel Target of Autoantibodies Associated with Lung Hemorrhage in Anti-GBM Disease**

Cong-rong Shen, Xiao-yu Jia, Wentian Luo, Florina Olaru, Zhao Cui, Ming-hui Zhao, and Dorin-Bogdan Borza

- 1898** **Increasing mTORC1 Pathway Activity or Methionine Supplementation during Pregnancy Reverses the Negative Effect of Maternal Malnutrition on the Developing Kidney**
Yaniv Makayes, Elad Resnick, Liad Hinden, Elina Aizenshtein, Tomer Shlomi, Raphael Kopan, Morris Nechama, and Oded Volovelsky
- 1913** **TWEAK Signaling Pathway Blockade Slows Cyst Growth and Disease Progression in Autosomal Dominant Polycystic Kidney Disease**
Adrian Cordido, Laura Nuñez-Gonzalez, Julio M. Martinez-Moreno, Olaya Lamas-Gonzalez, Laura Rodriguez-Osorio, Maria Vanessa Perez-Gomez, Diego Martin-Sanchez, Patricia Outeda, Marco Chiaravalli, Terry Watnick, Alessandra Boletta, Candido Diaz, Angel Carracedo, Ana B. Sanz, Alberto Ortiz, and Miguel A. Garcia-Gonzalez
- 1933** **Data-Driven Kidney Transplant Phenotyping as a Histology-Independent Framework for Biomarker Discovery**
Konrad Buscher, Barbara Heitplatz, Veerle van Marck, Jian Song, Sophie Loismann, Rebecca Rixen, Birte Hüchtmann, Sunil Kurian, Erik Ehinger, Dennis Wolf, Klaus Ley, Hermann Pavenstädt, and Stefan Reuter
• See related editorial by Malone (pp.1827–1828).
- 1946** **Phase Separation of MAGI2-Mediated Complex Underlies Formation of Slit Diaphragm Complex in Glomerular Filtration Barrier**
Haijiao Zhang, Lin Lin, Jianping Liu, Lifeng Pan, Zhijie Lin, Mingjie Zhang, Jiong Zhang, Ying Cao, Jinwei Zhu, and Rongguang Zhang
- 1961** **Uncovering Modifier Genes of X-Linked Alport Syndrome Using a Novel Multiparent Mouse Model**
Yuka Takemon, Valerie Wright, Bernard Davenport, Daniel M. Gatti, Susan M. Sheehan, Kelsey Letson, Holly S. Savage, Rachel Lennon, and Ron Korstanje
- 1974** **REST and Stress Resistance in the Aging Kidney**
Sato Magassa, Liviu Aron, Clément Hoguein, Pierre Isnard, Fabiola Terzi, Christophe Legendre, Bruce A. Yankner, and Guillaume Canaud
- 1987** **Progressive Cellular Senescence Mediates Renal Dysfunction in Ischemic Nephropathy**
Seo Rin Kim, Amrutesh S. Puranik, Kai Jiang, Xiaojun Chen, Xiang-Yang Zhu, Ian Taylor, Alireza Khodadadi-Jamayran, Amir Lerman, LaTonya J. Hickson, Bennett G. Childs, Stephen C. Textor, Tamara Tchkonina, Timothy B. Niewold, James L. Kirkland, and Lilach O. Lerman

CLINICAL EPIDEMIOLOGY

- 2005** **Long-Term Kidney Outcomes Following Dialysis-Treated Childhood Acute Kidney Injury: A Population-Based Cohort Study**
Cal H. Robinson, Nivethika Jeyakumar, Bin Luo, Ron Wald, Amit X. Garg, Danielle M. Nash, Eric McArthur, Jason H. Greenberg, David Askenazi, Cherry Mammen, Lehana Thabane, Stuart Goldstein, Rulan S. Parekh, Michael Zappitelli, and Rahul Chanchlani
- 2020** ★ **Serum Biomarkers of Iron Stores Are Associated with Increased Risk of All-Cause Mortality and Cardiovascular Events in Nondialysis CKD Patients, with or without Anemia**
Murilo Guedes, Daniel G. Muenz, Jarcy Zee, Brian Bieber, Benedicte Stengel, Ziad A. Massy, Nicolas Mansencal, Michelle M.Y. Wong, David M. Charytan, Helmut Reichel, Sandra Waechter, Ronald L. Pisoni, Bruce M. Robinson, and Roberto Pecoits-Filho on behalf of CKDopps Investigators

CLINICAL RESEARCH

- 2031** **Medical Records-Based Genetic Studies of the Complement System**
Atlas Khan, Ning Shang, Lynn Petukhova, Jun Zhang, Yufeng Shen, Scott J. Hebring, Halima Moncrieffe, Leah C. Kottyan, Bahram Namjou-Khales, Rachel Knevel, Soumya Raychaudhuri, Elizabeth W. Karlson, John B. Harley, Ian B. Stanaway, David Crosslin, Joshua C. Denny, Mitchell S.V. Elkind, Ali G. Gharavi, George Hripcsak, Chunhua Weng, and Krzysztof Kiryluk
• See related editorial by Crawford and Sedor (pp.1829–1830).
- 2048** ★ **Racial and Neighborhood-Level Disparities in COVID-19 Incidence among Patients on Hemodialysis in New York City**
Sri Lekha Tummalapalli, Jeffrey Silberzweig, Daniel Cukor, Jonathan T. Lin, Tarek Barbar, Yao Liu, Kwan Kim, Thomas S. Parker, Daniel M. Levine, and Said A. Ibrahim
- 2057** **Intestinal Phosphorus Absorption in Moderate CKD and Healthy Adults Determined Using a Radioisotopic Tracer**
Elizabeth R. Stremke, Gretchen N. Wiese, Sharon M. Moe, Meryl E. Wastney, Ranjani N. Moorthi, and Kathleen M. Hill Gallant
• See related editorial by Kritmetapak and Kumar (pp.1831–1833).

2070 Missing Self-Induced Microvascular Rejection of Kidney Allografts: A Population-Based Study

Jasper Callemeyn, Aleksandar Senev, Maarten Coemans, Evelyne Lerut, Ben Sprangers, Dirk Kuypers, Alice Koenig, Olivier Thaunat, Marie-Paule Emonds, and Maarten Naesens

2083 Early Postoperative Basal Insulin Therapy versus Standard of Care for the Prevention of Diabetes Mellitus after Kidney Transplantation: A Multicenter Randomized Trial

Elisabeth Schwaiger, Simon Krenn, Amelie Kurnikowski, Leon Bergfeld, María José Pérez-Séz, Alexander Frey, David Topitz, Michael Bergmann, Sebastian Hödlmoser, Friederike Bachmann, Fabian Halleck, Susanne Kron, Hildegard Hafner-Giessauf, Kathrin Eller, Alexander R. Rosenkranz, Marta Crespo, Anna Faura, Andrea Tura, Peter X. K. Song, Friedrich K. Port, Julio Pascual, Klemens Budde, Robin Ristl, Johannes Werzowa, and Manfred Hecking

- See related editorial by Sharif (pp. 1833–1834).

LETTERS TO THE EDITOR

2099 Considerations in Comparing Proximal Tubule Cell Culture Models

Ora A. Weisz

ERRATA

2101 Correction: Long-Term Exposure to Ambient PM_{2.5} and Increased Risk of Chronic Kidney Disease Prevalence in China

Guoxing Li, Jing Huang, Jinwei Wang, Minghui Zhao, Yang Liu, Xinbiao Guo, Shaowei Wu, Luxia Zhang