This Month’s Highlights

OBITUARY

2685 Tribute to Barbara T. Murphy
Susan E. Quaggin and John S. Gill

UP FRONT MATTERS

Editorials

2687 Beyond Transcription Factors: Remodeling Chromatin in the Metanephric Mesenchyme
Samir S. El-Dahr
See related article by Li et al. (pp. 2815–2833)

2689 Predictive Enrichment in Kidney RCTs: Is Albuminuria the Answer?
Ayodele Odutayo and David Z.I. Cherney
See related article by Heerspink et al. (pp. 2900–2911)

2691 Understanding Risks and Our Responsibility to Living Donors
John S. Gill, Jesse Schold, and Bruce Kaplan
See related article by Ibrahim et al. (pp. 2933–2947)

Perspectives

2694 The Art and Science of Medicine ... and Standardized Test Scores
Susan E. Quaggin and Luisa Safar-Boueri
See related special article by Berns et al. (pp. 2714–2723)

Reviews

2697 Podocyte Aging: Why and How Getting Old Matters
Stuart J. Shankland, Yuliang Wang, Andrey S. Shaw, Joshua C. Vaughan, Jeffrey W. Pippin, and Oliver Wessely

Special Articles

2714 Analysis of Performance Trends from 2010–2019 on the American Board of Internal Medicine Nephrology Certifying Exam

Jeffrey S. Berns, Weifeng Weng, Bernard G. Jaar, Rebecca S. Lipner, Bradley G. Brossman, and Furman S. McDonald
See related perspective by Quaggin and Safar-Boueri (pp. 2694–2696)

RESEARCH LETTERS

2725 Impaired Humoral but Substantial Cellular Immune Response to Variants of Concern B1.1.7 and B.1.351 in Hemodialysis Patients after Vaccination with BNT162b2

2728 Testing of Worn Face Masks for Timely Diagnosis of SARS-CoV-2 in Hemodialysis Patients
Xiaoling Wang, Nadja Grobe, Zahin Haq, Ohnmar Thwin, Lemuel Rivera Fuentes, Dugan Maddux, and Peter Kotanko

2731 Large Between-Patient Variability in eGFR Decline before Clinical Trial Enrollment and Impact on Atrasentan’s Efficacy: A Post Hoc Analysis from the SONAR Trial

RAPID COMMUNICATIONS

2735 Immunogenicity of SARS-CoV-2 Vaccine in Dialysis Patients
Eduardo Lacson, Jr., Chrstophs P. Argyropoulos, Harold J. Manley, Gideon Aweh, Andrew I. Chin, Loay H. Salman, Caroline M. Hsu, Doug S. Johnson, and Daniel E. Weiner

Red star ★ indicates articles that are features in This Month’s Highlights.
BASIC RESEARCH

2743 Donor-Specific Antibody Is Associated with Increased Expression of Rejection Transcripts in Renal Transplant Biopsies Classified as No Rejection

2759 Ferroptosis Promotes Cyst Growth in Autosomal Dominant Polycystic Kidney Disease Mouse Models
Xiaoqin Zhang, Linda Xiaoyan Li, Hao Ding, Vicente E. Torres, Chen Yu, and Xiaogang Li

2777 Glomerular Endothelial Cell-Derived microRNA-192 Regulates Nephronecin Expression in Idiopathic Membranous Glomerulonephritis
Janina Muller-Deile, Nina Sopel, Alexandra Ohs, Victoria Rose, Marvin Gröner, Christoph Wrede, Jan Hegermann, Christoph Daniel, Kerstin Amann, Gunther Zahnner, and Mario Schiffer

2795 PodoSighter: A Cloud-Based Tool for Label-Free Podocyte Detection in Kidney Whole-Slide Images

2815 Chromatin Remodelers Interact with Eya1 and Six2 to Target Enhancers to Control Nephron Progenitor Cell Maintenance
Jun Li, Jinshu Xu, Huilui Jiang, Ting Zhang, Aarthi Ramakrishnan, Li Shen, and Pin-Xian Xu
• See related editorial by El-Dahr (pp. 2687–2689)

2834 Indoleamine 2,3-dioxygenase-1, a Novel Therapeutic Target for Post-Vascular Injury Thrombosis in CKD
Joshua A. Walker, Sean Richards, Stephen A. Whelan, Sung Bok Yoo, Teresa L. Russell, Nkiruka Aninze, Saran Lotfollahzadeh, Marc A. Napoleon, Mostafa Belgahsas, Norman Lee, Laura M. Dember, Katya Ravid, and Vipul C. Chitalia

CLINICAL EPIDEMIOLOGY

2851 Kidney Outcomes in Long COVID-19
Benjamin Bowe, Yan Xie, Evan Xu, and Ziyad Al-Aly

CLINICAL RESEARCH

2863 Renal Histologic Analysis Provides Complementary Information to Kidney Function Measurement for Patients with Early Diabetic or Hypertensive Disease
Ghazal Z. Quinn, Amin Abedini, Hongbo Liu, Ziyuan Ma, Andrew Cucchiara, Andrea Havasi, Jon Hill, Matthew B. Palmer, and Katalin Susztak

2877 Impaired Tubular Secretion of Organic Solutes in Advanced Chronic Kidney Disease
Robert D. Mair, Seolhyun Lee, Natalie S. Plummer, Tammy L. Sirich, and Timothy W. Meyer

2885 mTOR-Activating Mutations in RRAGD Are Causative for Kidney Tubulopathy and Cardiomyopathy

2900 Early Response in Albuminuria and Long-Term Kidney Protection during Treatment with an Endothelin Receptor Antagonist: A Prespecified Analysis from the SONAR Trial
Hiddo J. L. Heerspink, Di Xie, George Bakris, Ricardo Correa-Rotter, Fan-Fan Hou, Dalane W. Kitzman, Donald Kohan, Hirofumi Makino, John J. V. McMurray, Vlado Perkovic, Peter Rossing, Hans-Henrik Parving, and Dick de Zeeuw, on behalf of the SONAR Investigators
• See related editorial by Odutayo and Cherney (pp. 2689–2691)

2912 Preserved Cerebral Oxygenation with Worsening Global Myocardial Strain during Pediatric Chronic Hemodialysis
The Clinical Application of Urine Soluble CD163 in ANCA-Associated Vasculitis
Sarah M. Moran, Jennifer Scott, Michael R. Clarkson, Niall Conlon, Jean Dunne, Matthew D. Griffin, Tomas P. Griffin, Elizabeth Groarke, John Holian, Conor Judge, Jason Wyse, Kirsty McLoughlin, Paul V. O’Hara, Matthias Kretzler, Mark A. Little, and the Nephrotic Syndrome Study Network (NEPTUNE)

Intermediate Renal Outcomes, Kidney Failure, and Mortality in Obese Kidney Donors

Changes in Treatment of Patients with Incident ESKD during the Novel Coronavirus Disease 2019 Pandemic
James B. Wetmore, Kirsten L. Johansen, Jiannong Liu, Yi Peng, David T. Gilbertson, and Eric D. Weinhandl

Heterogenous Role of IRF4 in Kidney Fibrosis
Zhenyu Liu and Jingbo Zhang

Intermediate Renal Outcomes, Kidney Failure, and Mortality in Obese Kidney Donors

Authors’ Reply
Raymond C. Harris and Ming-Zhi Zhang

Need for a Validation Study before Using the Two-Step Algorithm for dd-cfDNA to Screen for Acute Rejection
Aditi Gupta and Bruce Kaplan

Authors’ Reply
Suphamai Bunnapradist and Hossein Tabriziani

Incidence of Arteritis and Peritubular Capillaritis in ANCA-Associated Vasculitis
Samy Hakroush and Bjørn Tampe