Editorials

Amrendra K. Ajay
See related article on page 217.

199 Practice What you Preach: The Kidney Diet Challenge
Luis M. Perez and Jessica Kendrick
See related article on page 279.

201 Vascular Suitability for an Endovascular Arteriovenous Fistula: Getting Beyond the Velvet Rope
Haimanot Wasse
See related article on page 287.

204 Hypertension Pharmacogenomics in CKD: The Clinical Relevance and Public Health Implications
Ting-Ting Geng and Tazeen H. Jafar
See related article on page 307.

Debates in Nephrology

208 Proactive High-Dose IV Iron Is Preferred Therapy in ESKD Patients: PRO
Daniel W. Coyne
See related debate on page 211 and moderator commentary on page 214.

211 Proactive High-Dose IV Iron Is Preferred Therapy in ESKD Patients: CON
Abhijit V. Kshirsagar and Xiaojuan Li
See related debate on page 208 and moderator commentary on page 214.

Moderator Commentary

214 Proactive High-Dose IV Iron Is Preferred Therapy in ESKD Patients: COMMENTARY
Frank Liu
See related debates on pages 208 and 211.

Original Investigations

217 Modelling and Prevention of Acute Kidney Injury through Ischemia and Reperfusion in a Combined Human Renal Proximal Tubule/Blood Vessel-on-a-Chip
See related editorial on page 194.

232 Defining Baseline Creatinine for Identification of AKI in Population-Based Laboratory Databases: A Danish Nationwide Cohort Study
Henriette V. Graversen, Simon K. Jensen, Søren V. Vestergaard, Uffe Heide-Jørgensen, and Christian F. Christiansen
242 Short- and Long-Term Recovery after Moderate/Severe AKI in Patients with and without COVID-19
Siao Sun, Raji R. Annadi, Imran Chaudhri, Kiran Munir, Janos Hajagos, Joel Saltz, Minh Hoai, Sandeep K. Mallipattu, Richard Mofiiit, and Farrukh M. Koraishy

Chronic Kidney Disease

258 Abnormalities in Cardiac Structure and Function among Individuals with CKD: The COMBINE Trial

269 A Propensity Score–Matched Observational Study of Remdesivir in Patients with COVID-19 and Severe Kidney Disease
Rituvanthikaa Seethapathy, Sophia Zhao, Joshua D. Long, Ian A. Strohbehn, and Meghan E. Sise

Clinical Nephrology

279 The Kidney Diet Challenge: An Experiential Educational Experience
Sayna Norouzi, Kyle S. Liu, Edlyn Bustamante, Ton La Jr., William E. Mitch, Kurtis Pivert, Kristen A. Staggers, Blake Shusterman, Christina M. Yuan, and Rajeev Raghavan
See related editorial on page 199.

Dialysis

287 Feasibility of Creation of an Endovascular Arteriovenous Fistula in Patients Undergoing Preoperative Vascular Mapping
See related editorial on page 201.

Glomerular and Tubulointerstitial Diseases

293 COVID-19 in Patients with Glomerular Disease: Follow-Up Results from the IRoc-GN International Registry
Meryl Waldman, Maria Jose Soler, Clara García-Carro, Liz Lightstone, Tabitha Turner-Stokes, Megan Griffith, Joan Torras, Laura Martinez Valenzuela, Oriol Bestard, Colin Geddes, Oliver Flossmann, Kelly L. Budge, Chiara Cantarella, Enrico Fiaccadori, Marco Delsante, Enrique Morales, Eduardo Gutierrez, Jose A. Niño-Cruz, Armando J. Martinez-Rueda, Giorgia Comai, Claudia Bini, Gaetano La Manna, Maria F. Slon, Joaquin Manrique, Alejandro Avello, Raul Fernandez-Prado, Alberto Ortiz, Smaragdi Marinaki, Carmen Rita Martin Varas, Cristina Rabasco Ruiz, Milagros Sierra-Carpio, Rebeca García-Agudo, Gema Fernández Juárez, Alexander J. Hamilton, Annette Bruchfeld, Constantina Chrysou, Lilian Howard, Smeeta Sinha, Tim Leach, Irene Agraz Pamplona, Umberto Maggiore, and Paolo Cravedi

Hypertension

307 Pharmacogenomics of Hypertension in CKD: The CKD-PGX Study
See related editorial on page 204.

Nephrolithiasis

317 Association of Urine Findings with Metabolic Syndrome Traits in a Population of Patients with Nephrolithiasis
Virginia L. Hood, Kevan M. Sternberg, Desiree de Waal, John R. Asplin, Carley Mulligan, and Peter W. Callas

Transplantation

325 Collateral Effects and Mortality of Kidney Transplant Recipients during the COVID-19 Pandemic
Christian Schmidt-Lauber, Christian Günster, Tobias B. Huber, Melissa Spoden, and Florian Grahanner
Brief Communication

Chronic Kidney Disease

337 The Relationship of Kidney Tubule Biomarkers with Brain Imaging in CKD Patients in SPRINT
Lindsay M. Miller, Manjula Kurella Tamura, Nicholas M. Pajewski, Dena Rifkin, Daniel Weiner, Maria Marquine, Michael G. Shlipak, and Joachim H. Ix

Innovative Technology and Methodology

Acute Kidney Injury and ICU Nephrology

341 Evaluation of Renal Biomarkers, Including Symmetric Dimethylarginine, following Gentamicin-Induced Proximal Tubular Injury in the Rat
Diane M. Hamlin, A. Eric Schultze, Michael J. Coyne, Donald J. McCrann III, Rebekah Mack, Corie Drake, Rachel E. Murphy, Julie Cross, Marilyn Strong-Townsend, Maha Yerramilli, and Mary K. Leissinger

Chronic Kidney Disease

357 Assessment of Measurement of Salivary Urea by ATR-FTIR Spectroscopy to Screen for CKD
Tzu-Ling Lin, Rhys D.R. Evans, Robert J. Unwin, Jill T. Norman, and Peter R. Rich

Global Perspectives

364 Global Perspective on Kidney Transplantation: China
Zijian Zhang, Zhijia Liu, and Bingyi Shi

368 Global Perspective on Kidney Transplantation: Argentina
Rafael Alberto Maldonado and Liliana Bisigniano

Perspective

372 Vancomycin-Associated Cast Nephropathy: Reality or Fantasy?
Michael B. Stokes and Jacob S. Stevens

Special Article

376 Artificial Intelligence for AKI!Now: Let’s Not Await Plato’s Utopian Republic
Danielle E. Soranno, Azra Bihorac, Stuart L. Goldstein, Kianoush B. Kashani, Shina Menon, Girish N. Nadkarni, Javier A. Neyra, Neesh I. Pannu, Karandeep Singh, Jorge Cerda, and Jay L. Koyner, on behalf of the AKI!Now Artificial Intelligence Workgroup for the American Society of Nephrology*

Review Articles

382 Hepatorenal Syndrome Type 1: From Diagnosis Ascertainment to Goal-Oriented Pharmacologic Therapy
Juan Carlos Q. Velez

396 Left Atrial Appendage Closure: An Alternative to Anticoagulation for Stroke Prevention in Patients with Kidney Disease
Srikanth Vallurupalli, Tanya Sharma, Subhi Al’Aref, Subodh R. Devabhaktuni, and Gaurav Dhar

Clinical Images in Nephrology and Dialysis

403 Fever, Dysuria, and AKI in a Kidney Transplant Patient
Ege Akcasu, Seda Safak, and Aydin Turkmen

405 Severe AKI in a Patient on Multiple Antimicrobial Agents for Leg Infection
Anam Rehan, Gilbert W. Moeckel, and Mark A. Perazella

On the Cover
Intratubular vancomycin-associated cast with bubbly appearance, mononuclear reaction and tubular cell injury (HPS stain, 40x magnification). Figure 1C in “Severe AKI in a patient on multiple antimicrobial agents for leg infection” by Anam Rehan, Gilbert W. Moeckel, and Mark A. Perazella. Kidney360 3: 405–406, 2022. DOI: 10.34067/KID.0006102021.