Editorials

1 Kidney Fibrosis Assessment by CT Using Machine Learning
   Kevin V. Lemley
   See related article on page 83.

3 Kidney Disease Education Services: A Good Foundation, but More Is Needed!
   Muhammad Saad Haleez and Theodore H. Yuo
   See related article on page 91.

5 Predicting Kidney Survival in Lupus Nephritis by Adding Clinical Data to Pathologic Features
   Ramesh Saxena
   See related article on page 122.

8 Durable Protection after Anti–SARS-CoV-2 Monoclonal Antibody Therapy
   Elizabeth A. Misch
   See related article on page 133.

11 A Second Chance at Transplant First: Preemptive Repeat Kidney Transplantation
   Anne M. Huml and Jesse D. Schold
   See related article on page 144.

14 A Critical Role for Shared Decision-Making about Referral and Evaluation for Kidney Transplant
   Catherine R. Butler
   See related article on page 158.

Debates in Nephrology

17 Bile Acids Are Important Contributors to AKI Associated with Liver Disease: PRO
   Peter Fickert and Alexander R. Rosenkranz
   See related debate on page 21 and moderator commentary on page 25.

21 Bile Acids Are Important Contributors to AKI Associated with Liver Disease: CON
   Andrew S. Allegretti and Justin M. Belcher
   See related debate on page 17 and moderator commentary on page 25.

Moderator Commentary

25 Bile Acids are Important Contributors of AKI Associated with Liver Disease: COMMENTARY
   Arnaldo Lopez-Ruiz and Luis A. Juncos
   See related debates on pages 17 and 21.

Original Investigations

Acute Kidney Injury and ICU Nephrology

   Matthew D. Cheung, Elise N. Erman, Shanrun Liu, Nathaniel B. Erdmann, Gelare Ghajar-Rahimi, Kyle H. Moore, Jeffrey C. Edberg, James F. George, and Anupam Agarwal
37 Urine Neutrophil Gelatinase-Associated Lipocalin and Kidney Injury Molecule-1 to Detect Pediatric Cisplatin-Associated Acute Kidney Injury
Kelly R. McMahon, Hayton Chui, Shahrad Rod Rassekh, Kirk R. Schultz, Tom D. Blydt-Hansen, Cherry Mammen, Maury Pinsk, Geoffrey D. E. Cuvelier, Bruce C. Carleton, Ross T. Tsuyuki, Colin J.D. Ross, Prasad Devarajan, Louis Huynh, Mariya Yordanova, Frédéric Crépeau-Hubert, Stella Wang, Vedran Cockovski, Ana Palijan, and Michael Zappitelli, for the Applying Biomarkers to Minimize Long-Term Effects of Childhood/Adolescent Cancer Treatment (ABLE) Research Study Group

51 Shroom3, a Gene Associated with CKD, Modulates Epithelial Recovery after AKI
Aihua Li, Joanna Cunanan, Hadisheh Khalili, Timothy Plageman, Kjetil Ask, Ahsan Khan, Ashmeet Hunjan, Thomas Drysdale, and Darren Bridgewater

63 Excretion Patterns of Urinary Sediment and Supernatant Podocyte Biomarkers in Patients with CKD
Akihiro Fukuda, Akihiro Minakawa, Yuji Sato, Hirotaka Shibata, Masanori Hara, and Shouichi Fujimoto

74 Albuminuria within the Normal Range Can Predict All-Cause Mortality and Cardiovascular Mortality
Minjung Kang, Soie Kwon, Jeonghwan Lee, Jung-Im Shin, Yong Chul Kim, Jae Yoon Park, Eunjin Bae, Eun Young Kim, Dong Ki Kim, Chun Soo Lim, and Jung Pyo Lee

83 Artificial Intelligence Assessment of Renal Scarring (AIRS Study)
Chanon Chantaduly, Hayden R. Troutt, Karla A. Perez Reyes, Jonathan E. Zuckerman, Peter D. Chang, and Wei Ling Lau
See related editorial on page 1.

91 Provision of Kidney Disease Education Service Is Associated with Improved Vascular Access Outcomes among US Incident Hemodialysis Patients
Rupam Ruchi, Shahab Bozorgmehri, Gajapathiraju Chamarthi, Tatiana Orozco, Rajesh Mohandas, Tezcan Ozrazgat-Baslanti, Mark S. Segal, and Ashutosh M. Shukla
See related editorial on page 3.

99 De Novo Central Vein Stenosis in Hemodialysis Patients Following Initial Tunneled Central Vein Catheter Placement
Alian Al-Balas, Ammar Almehmi, Rakesh Varma, Hassan Al-Balas, and Michael Allon

103 Home versus In-Center Dialysis and Day of the Week Hospitalization: A Cohort Study
Karthik K. Tennankore, Annie-Claire Nadeau-Fredette, Kara Matheson, Christopher T. Chan, Emilie Trinh, and Jeffrey Perl

113 Obesity Related Glomerulopathy in Adolescent Women: The Effect of Body Surface Area
Dana Bielopolski, Neha Singh, Ohad S. Bentur, Yael Renert-Yuval, Robert MacArthur, Kimberly S. Vasquez, Dená S. Moltah, Roger D. Vaughan, David M. Charytan, Rhonda G. Kost, and Jonathan N. Tobin

122 Beyond ISN/RPS Lupus Nephritis Classification: Adding Chronicity Index to Clinical Variables Predicts Kidney Survival
Gabriella Moroni, Giulia Porata, Francesca Raffiotta, Silvana Quaglini, Giulia Frontini, Lucia Sacchi, Valentina Binda, Marta Calatroni, Francesco Reggiani, Giovanni Bani, and Claudio Ponticelli
See related editorial on page 5.

133 SARS-CoV-2 Neutralizing Monoclonal Antibodies for the Treatment of COVID-19 in Kidney Transplant Recipients
Aileen X. Wang, Stephan Busque, Jamie Kuo, Upinder Singh, Katharina Röeltgen, Benjamin A. Pinsky, Glenn M. Chertow, John D. Scandling, and Colin R. Lenihan
See related editorial on page 8.
Disparities in Access to Preemptive Repeat Kidney Transplant: Still Missing the Mark?
Amanda J. Vinson, Bryce A. Kiberd, Kenneth West, Roslyn B. Mannon, Bethany J. Foster, and Karthik K. Tennankore
See related editorial on page 11.

Brief Communications

Acute Kidney Injury and ICU Nephrology

TRPM2 Plays a Minor Role in AKI and Kidney Fibrosis
Yu Kurata, Tetsuhiro Tanaka, Hana Cernecka, Frank Eitner, and Masaomi Nangaku

Transplantation

Disparities in Discussions about Kidney Replacement Therapy in CKD Care
Tyler M. Barrett, Clemontina A. Davenport, Patti L. Ephraim, Sarah Peskoe, Dinushika Mohottige, Nicole DePasquale, Lisa McElroy, and L. Ebony Boulware
See related editorial on page 14.

Global Perspectives

Global Dialysis Perspective: Fiji
Benjamin Talbot and the Fijian Dialysis Registry Collaboration

Global Dialysis Perspective: France
Bernard Canaud and Cecile Couchoud

Review Article

Quantitative Lung Ultrasonography for the Nephrologist: Applications in Dialysis and Heart Failure
Nathaniel Reisinger and Abhilash Koratala

Clinical Research Methods

Dissemination and Implementation Science: A Primer and Applications in Nephrology
Megan A. Urbanski, Adam S. Wilk, Cam Escoffery, and Rachel E. Patzer

Clinical Images in Nephrology and Dialysis

The Downside of Telephone Health Visits in a Kidney Transplant Patient during the COVID-19 Pandemic
Maree S. Ross-Smith and Hannah E. Wallace

Unusual Ultrasound Findings in a Difficult to Cannulate Arteriovenous Graft
Christy L. Gossett, Andrea G. Kattah, and Fawad Qureshi

On the Cover

Actomyosin signaling during epithelial kidney repair is Shroom3 dependent. Representative high-power images of immunostaining for pMLC in wild-type and Shroom3<sup>Gt/+</sup> mutants 48 hours and 10 days after IRI. Ten days after kidney injury, pMLC protein expression is apically localized in wild-type tubular epithelium but not in Shroom3<sup>Gt/+</sup> mutants. Panels J’, K’, N’, and O’ from Figure 4A in “Shroom3, a gene associated with chronic kidney disease, modulates epithelial recovery after acute kidney injury” by Aihua Li, Joanna Cunanan, Hadiseh Khalili, Timothy Plageman, Kjetil Ask, Ahsan Khan, Ashmeet Hunjan, Thomas Drysdale, and Darren J. Bridgewater. Kidney360 3: 51–62, 2022. DOI: 10.34067/KID.0003802021.