

## UP FRONT MATTERS

### Editorials

- 1709 **A New Mechanism for Albuminuria-Induced Podocyte Injury**  
Sandeep K. Mallipattu and John C. He  
• See related article by Peired et al. (pp. 1756–1768).
- 1712 **Proximal Tubules Forget “Self-Eating” When They Meet Western Meals**  
Ken Inoki  
• See related article by Yamahara et al. (pp. 1769–1781).
- 1715 **Should Glucose-Sparing Prescriptions Be Expected to Reduce the Cardiovascular Risk of Peritoneal Dialysis Patients?**  
Rajnish Mehrotra and Ian H. de Boer  
• See related article by Li et al. (pp. 1889–1900).
- 1717 **Foretelling the Future: Predicting Graft Outcome by Evaluating Kidney Baseline Transplant Biopsies**  
Volker Nickleleit  
• See related article by De Vusser et al. (pp. 1913–1923).

### Science in Renal Medicine

- 1720 **Regulatory T Cells in AKI**  
Gilbert R. Kinsey, Rahul Sharma, and Mark D. Okusa

### Brief Review

- 1727 **Obesity in CKD—What Should Nephrologists Know?**  
Peter Stenvinkel, Carmine Zoccali, and T. Alp Ikizler

## BRIEF COMMUNICATION

- 1737 **Estimated GFR Reporting Influences Recommendations for Dialysis Initiation**  
K. Scott Brimble, Rajnish Mehrotra, Marcello Tonelli, Carmel M. Hawley, Clare Castledine, Stephen P. McDonald, Vicki Levidiotis, Azim S. Gangji, Darin J. Treleaven, Peter J. Margetts, and Michael Walsh

## BASIC RESEARCH

- 1743 **ABIN1 Dysfunction as a Genetic Basis for Lupus Nephritis**  
Dawn J. Caster, Erik A. Korte, Sambit K. Nanda, Kenneth R. McLeish, Rebecca K. Oliver, Rachel T. G'Sell, Ryan M. Sheehan, Darrell W. Freeman, Susan C. Coventry, Jennifer A. Kelly, Joel M. Guthridge, Judith A. James, Kathy L. Sivils, Marta E. Alarcon-Riquelme, R. Hal Scofield, Indra Adrianto, Patrick M. Gaffney, Anne M. Stevens, Barry I. Freedman, Carl D. Langefeld, Betty P. Tsao, Bernardo A. Pons-Estel, Chaim O. Jacob, Diane L. Kamen, Gary S. Gilkeson, Elizabeth E. Brown, Graciela S. Alarcon, Jeffrey C. Edberg, Robert P. Kimberly, Javier Martin, Joan T. Merrill, John B. Harley, Kenneth M. Kaufman, John D. Reveille, Juan-Manuel Anaya, Lindsey A. Criswell, Luis M. Vila, Michelle Petri, Rosalind Ramsey-Goldman, Sang-Cheol Bae, Susan A. Boackle, Timothy J. Vyse, Timothy B. Niewold, Philip Cohen, and David W. Powell
- 1756 **Proteinuria Impairs Podocyte Regeneration by Sequestering Retinoic Acid**  
Anna Peired, Maria Lucia Angelotti, Elisa Ronconi, Giancarlo la Marca, Benedetta Mazzinghi, Alessandro Sisti, Duccio Lombardi, Elisa Giocaliere, Marialuisa Della Bona, Fabio Villanelli, Eliana Parente, Lara Ballerini, Costanza Sagrinati, Nicola Wanner, Tobias B. Huber, Helen Liapis, Elena Lazzeri, Laura Lasagni, and Paola Romagnani  
• See related editorial by Mallipattu and He (pp. 1709–1711).
- 1769 **Obesity-Mediated Autophagy Insufficiency Exacerbates Proteinuria-induced Tubulointerstitial Lesions**  
Kosuke Yamahara, Shinji Kume, Daisuke Koya, Yuki Tanaka, Yoshikata Morita, Masami Chin-Kanasaki, Hisazumi Araki, Keiji Isshiki, Shin-ichi Araki, Masakazu Haneda, Taiji Matsusaka, Atsunori Kashiwagi, Hiroshi Maegawa, and Takashi Uzu  
• See related editorial by Inoki (pp. 1712–1714).

**1782** ★ **Genetic Deletion of Cell Division Autoantigen 1 Retards Diabetes-Associated Renal Injury**  
Zhonglin Chai, Aozhi Dai, Yugang Tu, Jiaye Li, Tieqiao Wu, Yu Wang, Lorna J. Hale, Frank Koentgen, Merlin C. Thomas, and Mark E. Cooper

**1793** **Proteome-Wide Measurement of Protein Half-Lives and Translation Rates in Vasopressin-Sensitive Collecting Duct Cells**  
Pablo C. Sandoval, Dane H. Slentz, Trairak Pisitkun, Fahad Saeed, Jason D. Hoffert, and Mark A. Knepper

**1806** **Tubular von Hippel-Lindau Knockout Protects against Rhabdomyolysis-Induced AKI**  
Michael Föhling, Susanne Mathia, Alexander Paliege, Robert Koesters, Ralf Mrowka, Harm Peters, Pontus Börje Persson, Hans-Hellmut Neumayer, Sebastian Bachmann, and Christian Rosenberger

**1820** ★ **Soluble CR1 Therapy Improves Complement Regulation in C3 Glomerulopathy**  
Yuzhou Zhang, Carla M. Nester, Dannielle G. Holanda, Henry C. Marsh, Russell A. Hammond, Lawrence J. Thomas, Nicole C. Meyer, Lawrence G. Hunsicker, Sanjeev Sethi, and Richard J.H. Smith

**1830** ★ **LMX1B is Essential for the Maintenance of Differentiated Podocytes in Adult Kidneys**  
Tillmann Burghardt, Jürgen Kastner, Hani Suleiman, Eric Rivera-Milla, Natalya Stepanova, Claudio Lottaz, Marion Kubitz, Carsten A. Böger, Sarah Schmidt, Mathias Gorski, Uwe de Vries, Helga Schmidt, Irmgard Hertting, Jeffrey Kopp, Anne Rasclé, Markus Moser, Iris M. Heid, Richard Warth, Rainer Spang, Joachim Wegener, Claudia T. Mierke, Christoph Englert, and Ralph Witzgall

**1849** ★ **Cyclosporine Induces Endothelial Cell Release of Complement-Activating Microparticles**  
Brandon Renner, Jelena Klawitter, Ryan Goldberg, James W. McCullough, Viviana P. Ferreira, James E. Cooper, Uwe Christians, and Joshua M. Thurman

#### CLINICAL EPIDEMIOLOGY

**1863** **Active Vitamin D Treatment for Reduction of Residual Proteinuria: A Systematic Review**  
Martin H. de Borst, Reza Hajhosseiny, Hector Tamez, Julia Wenger, Ravi Thadhani, and David J.A. Goldsmith

**1872** **The Effect of Race and Income on Living Kidney Donation in the United States**  
Jagbir Gill, James Dong, Caren Rose, Olwyn Johnston, David Landsberg, and John Gill

**1880** ★ **Analysis of a Urinary Biomarker Panel for Incident Kidney Disease and Clinical Outcomes**  
Conall M. O'Seaghda, Shih-Jen Hwang, Martin G. Larson, James B. Meigs, Ramachandran S. Vasan, and Caroline S. Fox

#### CLINICAL RESEARCH

**1889** **Randomized, Controlled Trial of Glucose-Sparing Peritoneal Dialysis in Diabetic Patients**  
Philip K.T. Li, Bruce F. Culleton, Amaury Ariza, Jun-Young Do, David W. Johnson, Mauricio Sanabria, Ty R. Shockley, Ken Story, Andrey Vatazin, Mauro Verrelli, Alex W. Yu, and Joanne M. Bargman, *on behalf of the IMPENDIA and EDEN Study Groups*  
• See related editorial by Mehrotra and de Boer (pp. 1715–1717).

**1901** ★ **Metabolomics Reveals Signature of Mitochondrial Dysfunction in Diabetic Kidney Disease**  
Kumar Sharma, Bethany Karl, Anna V. Mathew, Jon A. Gangoiti, Christina L. Wassel, Rintaro Saito, Minya Pu, Shoba Sharma, Young-Hyun You, Lin Wang, Maggie Diamond-Stanic, Maja T. Lindenmeyer, Carol Forsblom, Wei Wu, Joachim H. Ix, Trey Ideker, Jeffrey B. Kopp, Sanjay K. Nigam, Clemens D. Cohen, Per-Henrik Groop, Bruce A. Barshop, Loki Natarajan, William L. Nyhan, and Robert K. Naviaux

**1913** **The Predictive Value of Kidney Allograft Baseline Biopsies for Long-Term Graft Survival**  
Katrien De Vusser, Evelyne Lerut, Dirk Kuypers, Yves Vanrenterghem, Ina Jochmans, Diethard Monbaliu, Jacques Pirenne, and Maarten Naesens  
• See related editorial by Nicleleit (pp. 1717–1719).