

## This Month's Highlights

### UP FRONT MATTERS

#### Editorials

- 1477 **JASN's Silver Jubilee**  
Karl A. Nath, Eric G. Neilson, William G. Couser,  
C. Craig Tisher, and Jared J. Grantham
- 1478 **Epigenetic Changes Induced by Hypoxia-Inducible Factor: a Long Way Still To Go as a Target for Therapy?**  
Masaomi Nangaku, Reiko Inagi, Imari Mimura,  
and Tetsuhiro Tanaka  
• See related article by Bhatt et al. (pp. 1588–1596).
- 1480 **The Janus Faces of IL-6 in GN**  
Alan D. Salama and Mark A. Little  
• See related article by Luig et al. (pp. 1597–1607).
- 1483 **Begin at the Beginning to Prevent the End**  
Peter W. Nickerson and David N. Rush  
• See related articles by Loupy et al. (pp. 1721–1731);  
and Halloran et al. (pp. 1711–1720).
- 1485 **Urinary Biomarkers: Alone Are They Enough?**  
Bruce A. Molitoris  
• See related article by Koyner et al. (pp. 1747–1754).

#### Brief Reviews

- 1489 **Utility of HLA Antibody Testing in Kidney Transplantation**  
Ana Konvalinka and Kathryn Tinckam
- 1503 **Current Understanding of the Role of Complement in IgA Nephropathy**  
Nicolas Maillard, Robert J. Wyatt, Bruce A. Julian,  
Krzysztof Kiryluk, Ali Gharavi, Veronique Fremeaux-Bacchi, and Jan Novak

### BRIEF COMMUNICATION

- 1513 **Murine Double Minute-2 Prevents p53-Overactivation-Related Cell Death (Podoptosis) of Podocytes**  
Dana Thomasova, Hauke A. Bruns, Victoria Kretschmer,  
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### BASIC RESEARCH

- 1525 **Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters**  
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- 1537 ★ **Hypertrophy in the Distal Convoluted Tubule of an 11 $\beta$ -Hydroxysteroid Dehydrogenase Type 2 Knockout Model**  
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Christopher J. Kenyon, Eilidh Craigie, Linda J. Mullins,  
Matthew A. Bailey, and John J. Mullins
- 1549 **SIRT2 Regulates LPS-Induced Renal Tubular CXCL2 and CCL2 Expression**  
Yu Jin Jung, Ae Sin Lee, Tung Nguyen-Thanh, Dal Kim,  
Kyung Pyo Kang, Sik Lee, Sung Kwang Park, and Won Kim
- 1561 ★ **Activation of Notch3 in Glomeruli Promotes the Development of Rapidly Progressive Renal Disease**  
Fala El Machhour, Zela Keuylian, Panagiotis Kavvadas,  
Jean-Claude Dussaule, and Christos Chatziantoniou
- 1576 **Lovastatin-Induced Phosphatidylinositol-4-Phosphate 5-Kinase Diffusion from Microvilli Stimulates ROMK Channels**  
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Donald R. Humphrey, Douglas C. Eaton, Bao-Zhong Shen, and He-Ping Ma

- 1588** **MicroRNA-687 Induced by Hypoxia-Inducible Factor-1 Targets Phosphatase and Tensin Homolog in Renal Ischemia-Reperfusion Injury**  
Kirti Bhatt, Qingqing Wei, Navjotsingh Pabla, Guie Dong, Qing-Sheng Mi, Mingyu Liang, Changlin Mei, and Zheng Dong  
• See related editorial by Nangaku et al. (pp. 1478–1480).
- 1597** **Inflammation-Induced IL-6 Functions as a Natural Brake on Macrophages and Limits GN**  
Michael Luig, Malte A. Kluger, Boeren Goerke, Matthias Meyer, Anna Nosko, Isabell Yan, Jürgen Scheller, Hans-Willi Mittrücker, Stefan Rose-John, Rolf A.K. Stahl, Ulf Panzer, and Oliver M. Steinmetz  
• See related editorial by Salama and Little (pp. 1480–1482).
- 1608** **Proteinuria Increases Plasma Phosphate by Altering Its Tubular Handling**  
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- 1619** **A Salt-Induced Reno-Cerebral Reflex Activates Renin-Angiotensin Systems and Promotes CKD Progression**  
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- 1634** **Nephron Deficiency and Predisposition to Renal Injury in a Novel One-Kidney Genetic Model**  
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- 1648** **Myocardin-Related Transcription Factor A Epigenetically Regulates Renal Fibrosis in Diabetic Nephropathy**  
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- 1661** ★ **Identification of Biomarkers for PKD1 Using Urinary Exosomes**  
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McCormick, Jamie L. Sundsbak, Christina M. Heyer, Vicente E. Torres, Peter C. Harris, and Christopher J. Ward

## CLINICAL EPIDEMIOLOGY

- 1671** ★ **Uncorrected and Albumin-Corrected Calcium, Phosphorus, and Mortality in Patients Undergoing Maintenance Dialysis**  
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- 1682** ★ **Effect of Genetic African Ancestry on eGFR and Kidney Disease**  
Miriam S. Udler, Girish N. Nadkarni, Gillian Belbin, Vaneet Lotay, Christina Wyatt, Omri Gottesman, Erwin P. Bottinger, Eimear E. Kenny, and Inga Peter
- 1693** **High Dietary Acid Load Predicts ESRD among Adults with CKD**  
Tanushree Banerjee, Deidra C. Crews, Donald E. Wesson, Anca M. Tilea, Rajiv Saran, Nilka Ríos-Burrows, Desmond E. Williams, and Neil R. Powe, for the Centers for Disease Control and Prevention Chronic Kidney Disease Surveillance Team

## CLINICAL RESEARCH

- 1701** **HLA-DQA1 and PLCG2 Are Candidate Risk Loci for Childhood-Onset Steroid-Sensitive Nephrotic Syndrome**  
Rasheed A. Gbadegesin, Adebowale Adeyemo, Nicholas J.A. Webb, Larry A. Greenbaum, Asiri Abeyagunawardena, Shenal Thalghagoda, Arundhati Kale, Debbie Gipson, Tarak Srivastava, Jen-Jar Lin, Deepa Chand, Tracy E. Hunley, Patrick D. Brophy, Arvind Bagga, Aditi Sinha, Michelle N. Rheault, Joanna Ghali, Kathy Nicholls, Elizabeth Abraham, Halima S. Janjua, Abiodun Omoloja, Gina-Marie Barletta, Yi Cai, David D. Milford, Catherine O'Brien, Atif Awan, Vladimir Belostotsky, William E. Smoyer, Alison Homstad, Gentzon Hall, Guanghong Wu, Shashi Nagaraj, Delbert Wigfall, John Foreman, Michelle P. Winn, and Members of the Mid-West Pediatric Nephrology Consortium
- 1711** **Disappearance of T Cell-Mediated Rejection Despite Continued Antibody-Mediated Rejection in Late Kidney Transplant Recipients**  
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Jonathan Bromberg, Daniel Serón, Joana Sellarés, Gunilla Einecke, and Jeff Reeve

- See related editorial by Nickerson and Rush (pp. 1483–1485).

**1721 Subclinical Rejection Phenotypes at 1 Year Post-Transplant and Outcome of Kidney Allografts**

Alexandre Loupy, Dewi Vernerey, Claire Tinel, Olivier Aubert, Jean-Paul Duong van Huyen, Marion Rabant, Jérôme Verine, Dominique Nochy, Jean-Philippe Empana, Frank Martinez, Denis Glotz, Xavier Jouven, Christophe Legendre, and Carmen Lefaucheur

- See related editorial by Nickerson and Rush (pp. 1483–1485).

**1732 ★Randomized Placebo-Controlled EPPIC Trials of AST-120 in CKD**

Gerald Schulman, Tomas Berl, Gerald J. Beck, Giuseppe Remuzzi, Eberhard Ritz, Kiyoshi Arita, Akira Kato, and Miho Shimizu

**1747 Tissue Inhibitor Metalloproteinase-2 (TIMP-2)·IGF-Binding Protein-7 (IGFBP7) Levels Are Associated with Adverse Long-Term Outcomes in Patients with AKI**

Jay L. Koyner, Andrew D. Shaw, Lakhmir S. Chawla, Eric A.J. Hoste, Azra Bihorac, Kianoush Kashani, Michael Haase, Jing Shi, and John A. Kellum, on behalf of the Sapphire Investigators

- See related editorial by Molitoris (pp. 1485–1488).