

**This Month's Highlights**  
**ASN News**

**UP FRONT MATTERS**

**Editorials**

- 3017 **PPAR $\alpha$  Contributes to Tubular Protection**  
Laurent Baud and Emmanuel Letavernier  
• See related article by Kamijo et al. (pp. 3089–3100).
- 3018 **Stem Cells and the Kidney: Where Do We Go from Here?**  
Mark E. Rosenberg and Sandeep Gupta  
• See related article by Lazzeri et al. (pp. 3128–3138).
- 3020 **Towards the Incidence of Acute Phosphate Nephropathy**  
Glen S. Markowitz, Jai Radhakrishnan, and Vivette D. D'Agati  
• See related articles by Hurst et al. (pp. 3192–3198) and Brunelli et al. (pp. 3199–3205).

**Clinical Commentary**

- 3023 **Noninfectious Complications of Peritoneal Dialysis: Implications for Patient and Technique Survival**  
Brendan B. McCormick and Joanne M. Bargman

**JASN Debates**

- 3026 **Resolved: In Minimizing Kidney Transplant Immunosuppression, Steroids Should Go before Calcineurin Inhibitors**  
Arthur J. Matas and Martha Pavlakis

**Brief Review**

- 3031 **Chronic Kidney Disease after Nonrenal Solid-Organ Transplantation**  
Roy D. Bloom and Peter P. Reese

**Special Article**

- 3042 **Psychosocial Aspects of Chronic Disease: ESRD as a Paradigmatic Illness**  
Daniel Cukor, Scott D. Cohen, Rolf A. Peterson, and Paul L. Kimmel

**Science in Renal Medicine**

- 3056 **How Does the Brain Sense Osmolality?**  
Joseph G. Verbalis

**BASIC RESEARCH**

- 3060 **Intramolecular Epitope Spreading in Heymann Nephritis**  
Pallavi Shah, Alfonso Tramontano, and Sudesh P. Makker
- 3067 ★ **Renal and Bone Marrow Cells Fuse after Renal Ischemic Injury**  
Ling Li, Phu Truong, Peter Igarashi, and Fangming Lin
- 3078 **Transglutaminase Inhibition Reduces Fibrosis and Preserves Function in Experimental Chronic Kidney Disease**  
Tim S. Johnson, Marie Fisher, John L. Haylor, Zoe Hau, N. James Skill, Richard Jones, Robert Saint, Ian Coutts, Melissa E. Vickers, A. Meguid El Nahas, and Martin Griffin
- 3089 ★ **PPAR $\alpha$  Protects Proximal Tubular Cells from Acute Fatty Acid Toxicity**  
Yuji Kamijo, Kazuhiko Hora, Keiichi Kono, Kyoko Takahashi, Makoto Higuchi, Takashi Ehara, Kendo Kiyosawa, Hidekazu Shigematsu, Frank J. Gonzalez, and Toshifumi Aoyama  
• See related editorial by Baud and Letavernier (pp. 3017–3018).

- 3101 Torasemide Transport by Organic Anion Transporters Contributes to Hyperuricemia**  
Yohannes Hagos, Andrew Bahn, Stefan V. Vormfelde, Jürgen Brockmöller, and Gerhard Burckhardt
- 3110 LPA<sub>1</sub> Receptor Activation Promotes Renal Interstitial Fibrosis**  
Jean-Philippe Pradère, Julie Klein, Sandra Grès, Charlotte Guigné, Eric Neau, Philippe Valet, Denis Calise, Jerold Chun, Jean-Loup Bascands, Jean-Sébastien Saulnier-Blache, and Joost P. Schanstra
- 3119 Removal of Heparan Sulfate from the Glomerular Basement Membrane Blocks Protein Passage**  
Tessa J.M. Wijnhoven, Joost F.M. Lensen, Ronnie G.P. Wismans, Dirk J. Lefeber, Angélique L.W.M.M. Rops, Johan van der Vlag, Jo H.M. Berden, Lambert P.W.J. van den Heuvel, and Toin H. van Kuppevelt
- 3128 ★ Regenerative Potential of Embryonic Renal Multipotent Progenitors in Acute Renal Failure**  
Elena Lazzeri, Clara Crescioli, Elisa Ronconi, Benedetta Mazzinghi, Costanza Sagrinati, Giuseppe Stefano Netti, Maria Lucia Angelotti, Eliana Parente, Lara Ballerini, Lorenzo Cosmi, Laura Maggi, Loreto Gesualdo, Mario Rotondi, Francesco Annunziato, Enrico Maggi, Laura Lasagni, Mario Serio, Sergio Romagnani, Gabriella Barbara Vannelli, and Paola Romagnani  
• See related editorial by Rosenberg and Gupta (pp. 3018–3020).
- 3139 Aberrantly Glycosylated IgA1 in Glomerular Immune Deposits of IgA Nephropathy**  
Konstantinos Giannakakis, Sandro Feriozzi, Marie Perez, Tullio Faraggiana, and Andrea Onetti Muda
- 3147 Glial Cell–Derived Neurotrophic Factor–Independent Ureteric Bud Outgrowth from the Wolffian Duct**  
Akito Maeshima, Hiroyuki Sakurai, Yohan Choi, Shinji Kitamura, Duke A. Vaughn, James B. Tee, and Sanjay K. Nigam
- 3156 CLINICAL EPIDEMIOLOGY**  
**Genome Scan for Determinants of Serum Uric Acid Variability**  
Subrata D. Nath, V. Saroja Voruganti, Nedal H. Arar, Farook Thameem, Juan C. Lopez-Alvarenga, Richard Bauer, John Blangero, Jean W. MacCluer, Anthony G. Comuzzie, and Hanna E. Abboud
- 3164 ★ Hemoglobin Variability and Mortality in ESRD**  
Wei Yang, Rubeen K. Israni, Steven M. Brunelli, Marshall M. Joffe, Steven Fishbane, and Harold I. Feldman
- 3171 ★ HPLC-Detected Albuminuria Predicts Mortality**  
Dianna J. Magliano, Kevan R. Polkinghorne, Elizabeth L.M. Barr, Qing Su, Steven J. Chadban, Paul Z. Zimmet, Jonathan E. Shaw, and Robert C. Atkins
- 3177 ★ CLINICAL RESEARCH**  
**Remission of Proteinuria Improves Prognosis in IgA Nephropathy**  
Heather N. Reich, Stéphan Troyanov, James W. Scholey, and Daniel C. Cattran, for the Toronto Glomerulonephritis Registry
- 3184 Reducing versus Discontinuing Erythropoietin at High Hemoglobin Levels**  
Daniel E. Weiner, Dana C. Miskulin, Kimberly Seefeld, Vladimir Ladik, Philip G. Zager, Ajay K. Singh, H. Keith Johnson, and Klemens B. Meyer
- 3192 Association of Oral Sodium Phosphate Purgative Use with Acute Kidney Injury**  
Frank P. Hurst, Erin M. Bohlen, Eric M. Osgard, David K. Oliver, Nealanjon P. Das, Sam W. Gao, and Kevin C. Abbott  
• See related editorial by Markowitz et al. (pp. 3020–3022).
- 3199 Risk of Kidney Injury Following Oral Phosphosoda Bowel Preparations**  
Steven M. Brunelli, James D. Lewis, Meera Gupta, Sherif M. Latif, Mark G. Weiner, and Harold I. Feldman  
• See related editorial by Markowitz et al. (pp. 3020–3022).
- 3206 ERRATA**