This Month’s Highlights
ASN News

UP FRONT MATTERS

Editorials
3017 PPARα 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

3089 ★ PPARα 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).
Torasemide Transport by Organic Anion Transporters Contributes to Hyperuricemia
Yohannes Hagos, Andrew Bahn, Stefan V. Vormfelde, Jürgen Brockmüller, and Gerhard Burckhardt

LPA1 Receptor Activation Promotes Renal Interstitial Fibrosis
Jean-Philippe Pradère, Julie Klein, Sandra Grès, Charlotte Guigné, Éric Neau, Philippe Valet, Denis Calise, Jerold Chun, Jean-Loup Bascands, Jean-Sébastien Saulnier-Blache, and Joost P. Schanstra

Removal of Heparan Sulfate from the Glomerular Basement Membrane Blocks Protein Passage

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

Aberrantly Glycosylated IgA1 in Glomerular Immune Deposits of IgA Nephropathy
Konstantinos Giannakakis, Sandro Feriozzi, Marie Perez, Tullio Faraggiana, and Andrea Onetti Muda

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

Genome Scan for Determinants of Serum Uric Acid Variability

Hemoglobin Variability and Mortality in ESRD
Wei Yang, Rubeen K. Israni, Steven M. Brunelli, Marshall M. Joffe, Steven Fishbane, and Harold I. Feldman

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

Remission of Proteinuria Improves Prognosis in IgA Nephropathy
Heather N. Reich, Stéphane Troyanov, James W. Scholey, and Daniel C. Cattran, for the Toronto Glomerulonephritis Registry

Reducing versus Discontinuing Erythropoietin at High Hemoglobin Levels
Daniel E. Weiner, Dana C. Miskulin, Kimberly See Feld, Vladimir Ladik, Philip G. Zager, Ajay K. Singh, H. Keith Johnson, and Klemens B. Meyer

Association of Oral Sodium Phosphate Purgative Use with Acute Kidney Injury
Frank P. Hurst, Erin M. Bohen, Eric M. Osgard, David K. Oliver, Nealanjon P. Das, Sam W. Gao, and Kevin C. Abbott

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

ERRATA