Editorials

875 Bully Renal Cysts Knock Down Urine-Concentrating Capacity in the Early Rounds
   Jared J. Grantham
   See related article on page 906.

878 Collapsing Glomerulopathy in Systemic Lupus Erythematosus: An Extreme Form of Lupus Podocytopathy?
   Mark Haas
   See related article on page 914.

881 Female Sexual Dysfunction in ESRD: An Underappreciated Epidemic?
   Steven D. Weisbord
   See related article on page 974.

884 Initial Choice of Antihypertensive on Long-Term Cardiovascular Outcomes in CKD
   Adam Whaley-Connell and James R. Sowers
   See related article on page 989.

Original Articles

Acute Kidney Injury /Acute Renal Failure

887 High-Volume Peritoneal Dialysis in Acute Kidney Injury: Indications and Limitations
   Daniela Ponce, Marina Nogueira Berbel, Cassiana Regina de Goes, Cibele Taís Puato Almeida,
   and André Luís Balbi

895 Association of Statin Use with Risk and Outcome of Acute Kidney Injury in Community-Acquired Pneumonia
   Raghavan Murugan, Lisa Weissfeld, Sachin Yende, Kai Singbartl, Derek C. Angus, and
   John A. Kellum, on behalf of the Genetic and Inflammatory Markers of Sepsis (GenIMS) Investigators

Chronic Kidney Disease

906 Vasopressin, Copeptin, and Renal Concentrating Capacity in Patients with Autosomal Dominant Polycystic Kidney
   Disease without Renal Impairment
   Debbie Zittema, Wendy E. Boertien, André P. van Beek, Robin P.F. Dullaart, Casper F.M. Franssen,
   Paul E. de Jong, Esther Meijer, and Ron T. Gansevoort
   See related editorial on page 875.

Clinical Immunology and Pathology

914 Collapsing Glomerulopathy in 19 Patients with Systemic Lupus Erythematosus or Lupus-Like Disease
   Steven P. Salvatore, Laura M. C. Barisoni, Andrew M. Herzenberg, Praveen N. Chander, Volker Nickeleit,
   and Surya V. Seshan
   See related editorial on page 878.

926 Antibodies against Linear Epitopes on the Goodpasture Autoantigen and Kidney Injury
   Xiao-yu Jia, Zhao Cui, Rui Yang, Shui-yi Hu, and Ming-hui Zhao
Diabetes and the Kidney

934 Effects of Sevelamer on HbA1c, Inflammation, and Advanced Glycation End Products in Diabetic Kidney Disease
Helen Vlassara, Jaime Uribarri, Weijing Cai, Susan Goodman, Renata Pyzik, James Post, Fabrizio Grosjean, Mark Woodward, and Gary E. Striker

Epidemiology and Outcomes

943 Cholesterol Synthesis, Cholesterol Absorption, and Mortality in Hemodialysis Patients
Kyrill S. Rogacev, Tobias Pinsdorf, Oliver Weingärtner, Markus K. Gerhart, Elena Welzel, Kai van Bentum, Julius Pop, Andreas Menzner, Danilo Fliser, Dieter Lütjohann, and Gunnar H. Heine

949 Electrocardiogram Abnormalities and Cardiovascular Mortality in Elderly Patients with CKD
Mirela Dobre, Andrei Brateanu, Arash Rashidi, and Mahboob Rahman

ESRD and Chronic Dialysis

957 The Association of Mental Health over Time with Cardiac Outcomes in HEMO Study Patients
Ea Wha Kang, Francis Pike, Sarah Ramer, Khaled Abdel-Kader, Larissa Myaskovsky, Mary Amanda Dew, and Mark Unruh

965 Osteoprotegerin/RANKL Axis and Progression of Coronary Artery Calcification in Hemodialysis Patients
Abdullah Ozkok, Yasar Caliskan, Tamer Sakaci, Gaye Erten, Gonca Karahan, Alper Ozel, Abdulkadir Unsal, and Alaattin Yildiz

974 Sexual Dysfunction in Women with ESRD Requiring Hemodialysis
Giovanni F.M. Strippoli, for the Collaborative Depression and Sexual Dysfunction (CDS) in Hemodialysis Working Group
See related editorial on page 881.

982 The Production of p-Cresol Sulfate and Indoxyl Sulfate in Vegetarians Versus Omnivores

Hypertension

989 Long-Term Renal and Cardiovascular Outcomes in Antihypertensive and Lipid-Lowering Treatment to Prevent Heart Attack Trial (ALLHAT) Participants by Baseline Estimated GFR
See related editorial on page 884.

Renal Transplantation

1003 Leflunomide Efficacy and Pharmacodynamics for the Treatment of BK Viral Infection
Jill C. Krisl, David J. Taber, Nicole Pilch, Kenneth Chavin, Charles Bratton, Beje Thomas, John McGillicuddy, and Prabhakar Baliga

1010 Immunosuppressive Regimen and Interstitial Fibrosis and Tubules Atrophy at 12 Months Postrenal Transplant

1018 Derivation and Validation of a Cytokine-Based Assay to Screen for Acute Rejection in Renal Transplant Recipients
Sacha A. De Serres, Bechra G. Mfarrej, Monica Grafals, Leonardo V. Riella, Ciara N. Magee, Melissa Y. Yeung, Christine Dyer, Usaila Ahmad, Anil Chandraker, and Nader Najafian

Commentary

1026 Dialysis at a Crossroads—Part II: A Call for Action
On the Cover

What’s the diagnosis? Renal biopsy reveals multiple tubules filled with either free red blood cells (RBCs) or RBC casts and associated acute tubular injury. A little-known complication of warfarin is AKI from severe glomerular bleeding and obstructing red blood cell casts, which has been coined “warfarin nephropathy.” However, in actuality, this form of AKI can occur with any type of excessive anticoagulation in at-risk patients. It has been described predominantly in patients with an underlying glomerulopathy who are excessively anticoagulated with warfarin, but has also occurred in patients with other forms of CKD. Glomerular hemorrhage with subsequent obstruction of tubules with RBC casts is thought to be the initial event. AKI appears to result from tubular obstruction and/or heme-related tubular injury from lysosomal overload and oxidative damage. Hemoglobin may enter cells via megalin-cubulin receptor-mediated endocytosis, with cell free hemoglobin promoting lipid peroxidation and heme/iron generating reactive oxygen species, mitochondrial damage, and apoptosis. Treatment consists of reversal of anticoagulation initially, followed by more closely monitored anticoagulation in those who truly require it. Unfortunately, many patients do not recover from AKI and are left with CKD, sometimes requiring chronic renal replacement therapy. (Image and text provided by Ursula Brewster, Gilbert Moeckel, and Mark A. Perazella. Yale University School of Medicine)