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- See related article by Ichimura et al. (pp. 1463–1471).

1440 Hemoglobin in the Kidney: Breaking with Traditional Dogma
Volker H. Haase
- See related article by Nishi et al. (pp. 1500–1508).

1442 Active Vitamin D and Survival
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- See related editorial by Kriz (pp. 1439–1440).

1472 High Perfusion Pressure Accelerates Renal Injury in Salt-Sensitive Hypertension
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1483 Impaired Immune Responses and Antigen-Specific Memory CD4+ T Cells in Hemodialysis Patients
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1491 Maternal Environment Interacts with Modifier Genes to Influence Progression of Nephrotic Syndrome
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1500 Hemoglobin Is Expressed by Mesangial Cells and Reduces Oxidant Stress
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- See related editorial by Haase (pp. 1440–1441).

1509 Vitamin D Receptor Activators Can Protect against Vascular Calcification
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Differential Effects of Rapamycin in Anti-GBM Glomerulonephritis
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Mechanism of Urinary Calcium Regulation by Urinary Magnesium and pH
Olivier Bonny, Adam Rubin, Chou-Long Huang, William H. Frawley, Charles Y.C. Pak, and Orson W. Moe

Apoptosis of the Thick Ascending Limb Results in Acute Kidney Injury
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Characterization of the Sodium/Hydrogen Exchanger NHA2
Daniel G. Fuster, Jianning Zhang, Mingjun Shi, I. Alexandru Bobulescu, Stefan Andersson, and Orson W. Moe

Metabolic Control Improves Long-Term Renal Allograft and Patient Survival in Type 1 Diabetes
Christian Morath, Martin Zeier, Bernd Döhler, Jan Schmidt, Peter P. Nawroth, and Gerhard Opelz

Increased Risk of CKD among Type 2 Diabetics with Nonalcoholic Fatty Liver Disease
Giovanni Targher, Michel Chonchol, Lorenzo Bertolini, Stefano Rodella, Luciano Zenari, Giuseppe Lippi, Massimo Franchini, Giacomo Zoppini, and Michele Muggeo

Early Epithelial Phenotypic Changes Predict Graft Fibrosis
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Pitfalls of Measuring Total Blood Calcium in Patients with CKD
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Ferumoxytol for Treating Iron Deficiency Anemia in CKD

Association of a CYP4A11 Variant and Blood Pressure in Black Men
James V. Gainer, Michael S. Lipkowitz, Chang Yu, Michael R. Waterman, Elliott P. Dawson, Jorge H. Capdevila, Nancy J. Brown, and the AASK Study Group

Association of Oral Calcitriol with Improved Survival in Nondialyzed CKD
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See related editorial by Wolf (pp. 1442–1443).