This Month’s Highlights

UP FRONT MATTERS

Editorials

1 Twenty Years Already?
Vivian Siegel, Raymond Harris, and Eric G. Neilson, for the Associate Editors and Editorial Board

1 The Birth and Early Development of JASN
Jared J. Grantham and Lawrence P. Sullivan

2 Does TREAT Give the Boot to ESAs in the Treatment of CKD Anemia?
Ajay K. Singh

6 Staying on Top of Things Right from the Start: The Obsessive-Compulsive Disorder of Regulatory T Cells
Oliver M. Steinmetz, Jan-Eric Turner, and Ulf Panzer
• See related article by Eller et al. (pp. 42–52).

7 Sorting out Lysosomal Trafficking of the Thiazide-Sensitive Na-Cl Co-transporter
Arohan R. Subramanya and David H. Ellison
• See related article by Zhou et al. (pp. 82–92).

9 Management of Symptomatic Carotid Stenosis in Individuals with CKD
Rebecca F. Gottesman and Stephen M. Sozio
• See related article by Mathew et al. (pp. 145–152).

11 Protection from Cancer in Kidney Transplant Patients by γδ T Cells: Role of CMV Infection?
Cecilia Söderberg-Nauclér
• See related article by Couzi et al. (pp. 181–188).

Clinical Commentary

14 Role of Rituximab Therapy in Glomerulonephritis
David Jayne

Brief Reviews

18 The Biology of the (Pro)Renin Receptor
Genevieve Nguyen and Dominik N. Muller

24 Ureter Myogenesis: Putting Teashirt into Context
Claire M. Lye, Laurent Fasano, and Adrian S. Woolf

BASIC RESEARCH

31 Activation of p53 Promotes Renal Injury in Acute Aristolochic Acid Nephropathy
Li Zhou, Ping Fu, Xiao R. Huang, Fei Lu, Kar Neng Lai, and Hui Y. Lan

42 **CCR7 Deficiency Exacerbates Injury in Acute Nephritis Due to Aberrant Localization of Regulatory T Cells**
• See related editorial by Steinmetz, Turner, and Panzer (pp. 6–7).

53 Renal Dendritic Cells Ameliorate Nephrotoxic Acute Kidney Injury
Raghu K. Tadagavadi and W. Brian Reeves

64 Homozygous SLC2A9 Mutations Cause Severe Renal Hypouricemia
Dganit Dinour, Nicola K. Gray, Susan Campbell, Xinhua Shu, Lindsay Sawyer, William Richardson, Gideon Rechavi, Ninette Amariglio, Liat Ganon, Ben-Ami Sela, Hilla Bahat, Michael Goldman, Joshua Weissgarten, Michael R. Millar, Alan F. Wright, and Eliezer J. Holtzman

Red star ★ indicates articles that are features in This Month’s Highlights.
ER Stress Depresses NF-κB Activation in Mesangial Cells through Preferential Induction of C/EBPβ
Kunihiro Hayakawa, Shotaro Nakajima, Nobuhiko Hiramatsu, Maro Okamura, Tao Huang, Yukinori Saito, Yashuhiro Tagawa, Minoru Tamai, Shuhei Takahashi, Jian Yao, and Masanori Kitamura

WNK4 Enhances the Degradation of NCC through a Sortilin-Mediated Lysosomal Pathway
Bo Zhou, Jieqiu Zhuang, Dingying Gu, Hua Wang, Liudmila Cebotaru, William B. Guggino, and Hui Cai
See related editorial by Subramanya and Ellison (pp. 7–9).

NAD(P)H Oxidase Mediates TGF-β1–Induced Activation of Kidney Myofibroblasts
Corry D. Bondi, Nagaraj Manickam, Duck Yoon Lee, Karen Block, Yves Gorin, Hanna E. Abboud, and Jeffrey L. Barnes

Chronic Mineral Dysregulation Promotes Vascular Smooth Muscle Cell Adaptation and Extracellular Matrix Calcification
Rukshana C. Shroff, Rosamund McNair, Jeremy N. Skepper, Nichola Figg, Leon J. Schurgers, John Deanfield, Lesley Rees, and Catherine M. Shanahan

Whole-Genome Linkage and Association Scan in Primary, Nonsyndromic Vesicoureteric Reflux
Heather J. Cordell, Rebecca Darlay, Pimphen Charoen, Aisling Stewart, Ambrose M. Gullett, Heather J. Lambert, Sue Malcolm, Sally A. Feather, Timothy H.J. Goodship, Adrian S. Woolf, Rajko B. Kenda, and Judith A. Goodship, for the UK VUR Study Group

Dickkopf-1 Promotes Hyperglycemia–Induced Accumulation of Mesangial Matrix and Renal Dysfunction
Chun-Liang Lin, Jeng-Yi Wang, Jih-Yang Ko, Yu-Ting Huang, Yu-Hsia Kuo, and Feng-Sheng Wang

Carotid Endarterectomy Benefits Patients with CKD and Symptomatic High-Grade Stenosis
Anna Mathew, Michael Eliaziwp, P.J. Devereaux, Jose G. Merino, Henry J.M. Barnett, and Amit X. Garg for the North American Symptomatic Carotid Endarterectomy Trial (NASCET) Collaborators
See related editorial by Gottesman and Sozio (pp. 9–11).

Delayed Graft Function and the Risk for Death with a Functioning Graft

Molecular Phenotypes of Acute Rejection Predict Kidney Graft Prognosis
Ondrej Viklicky, Petra Hribova, Hans-Dieter Volk, Janka Slatinska, Jan Petrasek, Stepan Bandur, Eva Honsova, and Petra Reinke

Cytomegalovirus-Induced γδ T Cells Associate with Reduced Cancer Risk after Kidney Transplantation
Lionel Couzi, Yann Levaillant, Abdellah Jamai, Vincent Pitard, Regis Lassalle, Karin Martin, Isabelle Garrigue, Omar Hawchar, François Siberchicot, Nicholas Moore, Jean-François Moreau, Julie Dechanet-Merville, and Pierre Merville
See related editorial by Söderberg-Nauclér (pp. 11–13).

IL-18 and Urinary NGAL Predict Dialysis and Graft Recovery after Kidney Transplantation
Isaac E. Hall, Sri G. Yarlagadda, Steven G. Coca, Zhu Wang, Mona Doshi, Prasad Devarajan, Won K. Han, Richard J. Marcus, and Chirag R. Parikh