This Month’s Highlights

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1478  Epigenetic Changes Induced by Hypoxia-Inducible Factor: a Long Way Still To Go as a Target for Therapy?
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  • See related article by Bhatt et al. (pp. 1588–1596).

1480  The Janus Faces of IL-6 in GN
Alan D. Salama and Mark A. Little
  • See related article by Luig et al. (pp. 1597–1607).

1483  Begin at the Beginning to Prevent the End
Peter W. Nickerson and David N. Rush
  • See related articles by Loupy et al. (pp. 1721–1731); and Halloran et al. (pp. 1711–1720).

1485  Urinary Biomarkers: Alone Are They Enough?
Bruce A. Molitoris
  • See related article by Koyner et al. (pp. 1747–1754).

Brief Reviews

1489  Utility of HLA Antibody Testing in Kidney Transplantation
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1503  Current Understanding of the Role of Complement in IgA Nephropathy
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BRIEF COMMUNICATION

1513  Murine Double Minute-2 Prevents p53-Overactivation-Related Cell Death (Podoptosis) of Podocytes
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1525  Discovery of Novel SPAK Inhibitors That Block WNK Kinase Signaling to Cation Chloride Transporters
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1537  Hypertrophy in the Distal Convoluted Tubule of an 11β-Hydroxysteroid Dehydrogenase Type 2 Knockout Model
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1549  SIRT2 Regulates LPS-Induced Renal Tubular CXCL2 and CCL2 Expression
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1561  Activation of Notch3 in Glomeruli Promotes the Development of Rapidly Progressive Renal Disease
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1576  Lovastatin-Induced Phosphatidylinositol-4-Phosphate 5-Kinase Diffusion from Microvilli Stimulates ROMK Channels
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Red star ★ indicates articles that are features in This Month’s Highlights.
Donald R. Humphrey, Douglas C. Eaton, Bao-Zhong Shen, and He-Ping Ma

MicroRNA-687 Induced by Hypoxia-Inducible Factor-1 Targets Phosphatase and Tensin Homolog in Renal Ischemia-Reperfusion Injury
Kirti Bhatt, Qingqing Wei, Navjotsingh Pabla, Guie Dong, Qing-Sheng Mi, Mingyu Liang, Changlin Mei, and Zheng Dong
• See related editorial by Nangaku et al. (pp. 1478–1480).

Inflammation-Induced IL-6 Functions as a Natural Brake on Macrophages and Limits GN
• See related editorial by Salama and Little (pp. 1480–1482).

Proteinuria Increases Plasma Phosphate by Altering Its Tubular Handling
Sophie de Seigneux, Marie Courbebaisse, Joseph M. Rutkowski, Alexandra Wilhelm-Bals, Marie Metzger, Stelnor Nlandu Khodo, Udo Hasler, Hassib Chehade, Eva Dizin, Arezoo Daryadel, Bénédicte Stengel, for the NephroTest Study Group, E. Girardin, Dominique Prié, Carsten A. Wagner, Philipp E. Scherer, Pierre-Yves Martin, Pascal Houillier, and Eric Feraille

A Salt-Induced Reno-Cerebral Reflex Activates Renin-Angiotensin Systems and Promotes CKD Progression
Wei Cao, Aiqing Li, Liangliang Wang, Zhanmei Zhou, Zhengxiu Su, Wei Bin, Christopher S. Wilcox, and Fan Hou

Nephron Deficiency and Predisposition to Renal Injury in a Novel One-Kidney Genetic Model
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Myocardin-Related Transcription Factor A Epigenetically Regulates Renal Fibrosis in Diabetic Nephropathy
Huihui Xu, Xiaoyan Wu, Hao Qin, Wenfang Tian, Junliang Chen, Lina Sun, Mingming Fang, and Yong Xu

Identification of Biomarkers for PKD1 Using Urinary Exosomes
Marie C. Hogan, Jason L. Bakeberg, Vladimir G. Gainullin, Maria V. Irazabal, Amber J. Harmon, John C. Lieske, M. Cristine Charlesworth, Kenneth L. Johnson, Benjamin J. Madden, Roman M. Zenka, Daniel J. McCormick, Jamie L. Sundsbak, Christina M. Heyer, Vicente E. Torres, Peter C. Harris, and Christopher J. Ward

CLINICAL EPIDEMIOLOGY

Uncorrected and Albumin-Corrected Calcium, Phosphorus, and Mortality in Patients Undergoing Maintenance Dialysis

Effect of Genetic African Ancestry on eGFR and Kidney Disease
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High Dietary Acid Load Predicts ESRD among Adults with CKD
Tanushree Banerjee, Deidra C. Crews, Donald E. Wesson, Anca M. Tilea, Rajiv Saran, Nila Rios-Burrows, Desmond E. Williams, and Neil R. Powe, for the Centers for Disease Control and Prevention Chronic Kidney Disease Surveillance Team

HLA-DQA1 and PLCG2 Are Candidate Risk Loci for Childhood-Onset Steroid-Sensitive Nephrotic Syndrome

Disappearance of T Cell-Mediated Rejection Despite Continued Antibody-Mediated Rejection in Late Kidney Transplant Recipients
Philip F. Halloran, Jessica Chang, Konrad Famulski, Luis G. Hidalgo, Israel D. R. Salazar, Mariel Merino Lopez, Arthur Matas, Michael Picton, Declan de Freitas,
Subclinical Rejection Phenotypes at 1 Year Post-Transplant and Outcome of Kidney Allografts
Alexandre Loupy, Dewi Vernerey, Claire Tinel, Olivier Aubert, Jean-Paul Duong van Huyen, Marion Rabant, Jérôme Verine, Dominique Nochy, Jean-Philippe Empana, Frank Martinez, Denis Glotz, Xavier Jouven, Christophe Legendre, and Carmen Lefaucheur
See related editorial by Nickerson and Rush (pp. 1483–1485).

Randomized Placebo-Controlled EPPIC Trials of AST-120 in CKD
Gerald Schulman, Tomas Berl, Gerald J. Beck, Giuseppe Remuzzi, Eberhard Ritz, Kiyoshi Arita, Akira Kato, and Miho Shimizu

Tissue Inhibitor Metalloproteinase-2 (TIMP-2)-IGF-Binding Protein-7 (IGFBP7) Levels Are Associated with Adverse Long-Term Outcomes in Patients with AKI
Jay L. Koyner, Andrew D. Shaw, Lakhmir S. Chawla, Eric A.J. Hoste, Azra Bihorac, Kianoush Kashani, Michael Haase, Jing Shi, and John A. Kellum, on behalf of the Sapphire Investigators
See related editorial by Molitoris (pp. 1485–1488).