This Month’s Highlights

UP FRONT MATTERS

Editorials

997 Tubular Vascular Endothelial Growth Factor-A, Erythropoietin, and Medullary Vessels: A Trio Linked by Hypoxia
Alda Tufro
  • See related article by Dimke et al. (pp. 1027–1038).

999 Could Autophagic Exhaustion Be a Final Common Pathway for Podocytopathy in FSGS?
Manjeri A. Venkatachalam
  • See related article by Kawakami et al. (pp. 1040–1052).

1001 We Don’t Prescribe Statins to Lower Cholesterol: We Prescribe Statins to Reduce Vascular Risk
Marcello Tonelli
  • See related article by Colantonio et al. (pp. 1173–1180).

1004 Renal Allograft Rejection: Pieces of the Puzzle
Lorraine Racusen and Carmen Lefaucheur
  • See related article by Jackson et al. (pp. 1161–1171); and Sis et al. (pp. 1216–1227).

Brief Review

1007 The Dark Side of Extracellular ATP in Kidney Diseases
Anna Solini, Vera Usuelli, and Paolo Fiorina

Clinical Commentary

1017 Reassessing Medical Risk in Living Kidney Donors
Robert S. Gaston, Vineeta Kumar, and Arthur J. Matas

BRIEF COMMUNICATION

1021 ★Lack of Association of the APOL1 G3 Haplotypen in African Americans with ESRD
Nicholette D. Palmer, Maggie C.Y. Ng, Carl D. Langefeld, Jasmin Divers, Janice P. Lea, Mark D. Okusa, Robert P. Kimberly, Donald W. Bowden, and Barry I. Freedman

1027 Tubulovascular Cross-Talk by Vascular Endothelial Growth Factor A Maintains Peritubular Microvasculature in Kidney
Henrik Dimke, Matthew A. Sparks, Benjamin R. Thomson, Sebastian Frische, Thomas M. Coffman, and Susan E. Quaggin
  • See related editorial by Tufro (pp. 997–998).

1040 Deficient Autophagy Results in Mitochondrial Dysfunction and FSGS
  • See related editorial by Venkatachalam (pp. 999–1001).

1053 ★Deficiency of Fibroblast Growth Factor-Inducible 14 (Fn14) Preserves the Filtration Barrier and Ameliorates Lupus Nephritis
Yumin Xia, Leal C. Hertzl, Simona Gindea, Jing Wen, Rahul D. Pawar, Alexander Misharin, Harris Perlman, Lan Wu, Ping Wu, Jennifer S. Michaelson, Linda C. Burky, and Chaim Putterman

1071 Endothelin-A Receptor Antagonism after Renal Angioplasty Enhances Renal Recovery in Renovascular Disease
Alejandro R. Chade, Nathan Tullos, Nicholas J. Stewart, and Bret Surles

1081 ★Nonmuscle Myosin II Regulates the Morphogenesis of Metanephric Mesenchyme–Derived Immature Nephrons
Mariam C. Recuenco, Tomoko Ohmori, Shunsuke Tanigawa, Atsuhiro Taguchi, Sayoko Fujimura, Mary Anne Conti, Qize Wei, Hiroshi Kiyonari, Takaya Abe, Robert S. Adelstein, and Ryuichi Nishinakamura

1092 Conditional Knockout of Proximal Tubule Mitofusin 2 Accelerates Recovery and Improves Survival after Renal Ischemia
Jonathan M. Gall, Zhiyong Wang, Ramon G. Bonegio, Andrea Havasi, Marc Liesa, Pradheep Vemula, and Steven C. Borkan

Red star ★ indicates articles that are features in This Month’s Highlights.
Reduction in Maternal Circulating Ouabain Impairs Offspring Growth and Kidney Development
Moran Dvela-Levitt, Hagit Cohen-Ben Ami, Haim Rosen, Asher Ornoy, Dorith Hochner-Celniker, Menachem Granat, and David Lichtstein

EGF Receptor Deletion in Podocytes Attenuates Diabetic Nephropathy
Jianchun Chen, Jian-Kang Chen, and Raymond C. Harris

Functional Genetic Targeting of Embryonic Kidney Progenitor Cells Ex Vivo
Sanna Junttila, Ulla Saarela, Kimmo Halt, Aki Manninen, Heikki Pärssinen, M. Rita Lecca, André W. Brändli, Sunder Sims-Lucas, Ilya Skovorodkin, and Seppo J. Vainio

Gastrointestinal Inhibition of Sodium-Hydrogen Exchanger 3 Reduces Phosphorous Absorption and Protects against Vascular Calcification in CKD
Eric D. Labonté, Christopher W. Carreras, Michael R. Leadbetter, Kenji Kozuka, Jill Kohler, Samantha Koo-McCoy, Limin He, Edward Dy, Deborah Black, Ziyang Zhong, Ingrid Langsetmo, Andrew G. Spencer, Noah Bell, Desiree Deshpande, Marc Navre, Jason G. Lewis, Jeffrey W. Jacobs, and Dominique Charmot

Soluble Klotho Protects against Uremic Cardiomyopathy Independently of Fibroblast Growth Factor 23 and Phosphate
Jian Xie, Joonhoy Yoon, Sung-Wan An, Makoto Kuro-o, and Chou-Long Huang

Endothelial Cell Antibodies Associated with Novel Targets and Increased Rejection
Annette M. Jackson, Tara K. Sigdel, Marianne Delville, Szu-Chuan Hsieh, Hong Dai, Serena Bagnasco, Robert A. Montgomery, and Minnie M. Sarwal

Contrasting Cholesterol Management Guidelines for Adults with CKD
Lisandro D. Colantonio, Usman Baber, Maciej Banach, Rikki M. Tanner, David G. Warnock, Orlando M. Gutiérrez, Monika M. Safford, Christoph Wanner, George Howard, and Paul Muntner

Mediation Analysis of Aortic Stiffness and Renal Microvascular Function
Todd Woodard, Sigurdur Sigurdsson, John D. Gotal, Alyssa A. Torjesen, Lesley A. Inker, Thor Aspelund, Gudny Einiksdottir, Vilmundur Gudnason, Tamara B. Harris, Lenore J. Launer, Andrew S. Levey, and Gary F. Mitchell

Kidney Transplant Outcomes for Prior Living Organ Donors
Vishnu Potluri, Meera N. Harhay, F. Perry Wilson, Roy D. Bloom, and Peter P. Reese

Variants in Complement Factor H and Complement Factor H-Related Protein Genes, CFHR3 and CFHR1, Affect Complement Activation in IgA Nephropathy
Li Zhu, Ya-Ling Zhai, Feng-Mei Wang, Ping Hou, Ji-Cheng Lv, Da-Min Xu, Su-Fang Shi, Li-Jun Liu, Feng Yu, Ming-Hui Zhao, Jan Novak, Ali G. Gharavi, and Hong Zhang

Paricalcitol for Secondary Hyperparathyroidism in Renal Transplantation
Matias Trillini, Monica Cortinovis, Piero Ruggenenti, Jorge Reyes Loaeza, Karen Courville, Claudia Ferrer-Siles, Silvia Prandini, Flavio Gaspari, Antonio Cannata, Alessandro Villa, Annalisa Perna, Eliana Gotti, Maria Rosa Caruso, Davide Martinetti, Giuseppe Remuzzi, and Norberto Perico

Isolated Endarteritis and Kidney Transplant Survival: A Multicenter Collaborative Study
Banu Sis, Serena M. Bagnasco, Lynn D. Cornell, Parmjeet Randhawa, Mark Haas, Belinda Lategan, Alex B. Magil, Andrew M. Herzenberg, Ian W. Gibson, Michael Kuperman, Kotaro Sasaki, and Edward S. Kraus, the Banff Working Group

See related editorial by Racusen and Lefaucheur (pp. 1004–1005).