This Month’s Highlights

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• See related articles by Paragas et al. (pp. 1687–1692) and Siew et al. (pp. 1823–1832).

1657 Does Idiopathic Hypercalciuria Trigger Calcium-Sensing Receptor–Mediated Protection from Urinary Supersaturation?
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• See related article by Renkema et al. (pp. 1705–1713).

1659 The SDF-1/CXCR4 Axis Is a Novel Driver of Vascular Development of the Glomerulus
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• See related article by Takabatake et al. (pp. 1714–1723).

1661 A Novel Role for Nephrin in the Maintenance of Glomerular Structure
Neil S. Sheerin
• See related article by Hussain et al. (pp. 1733–1743).

1663 Low Calcidiol Levels and Coronary Artery Calcification: True, True, and Related?
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• See related article by de Boer et al. (pp. 1805–1812).

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Red star ★ indicates articles that are features in This Month’s Highlights.
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See related editorial by Worcester and Coe (pp. 1657–1659).

The CXCL12 (SDF-1)/CXCR4 Axis Is Essential for the Development of Renal Vasculature

See related editorial by Floege et al. (pp. 1659–1661).

Connexin 30 Deficiency Impairs Renal Tubular ATP Release and Pressure Natriuresis
Arnold Sipos, Sarah L. Vargas, Ildikó Toma, Fiona Hannier, Klaus Willecke, and János Peti-Peterdi

Nephrin Deficiency Activates NF-κB and Promotes Glomerular Injury
Sagair Hussain, Leile Romio, Moin Saleem, Peter Mathiesen, Manuel Serrano, Jorge Moscat, Maria Díaz-Meco, Peter Scambler, and Ania Koziell

See related editorial by Sheerin (pp. 1661–1663).

Regulatory T Cells Suppress Innate Immunity in Kidney Ischemia-Reperfusion Injury
Gilbert R. Kinsey, Rahul Sharma, Liping Huang, Li Li, Amy L. Vergis, Hong Ye, Shyr-Te Ju, and Mark D. Okusa

siRNA Targeted to p53 Attenuates Ischemic and Cisplatin-Induced Acute Kidney Injury
Bruce A. Molitoris, Pierre C. Dagher, Ruben M. Sandoval, Silvia B. Campos, Hagit Ashush, Eduard Fridman, Anat Brafman, Alexander Faerman, Simon J. Atkinson, James D. Thompson, Hagar Kalinsky, Rami Skaliter, Shai Erlich, and Elena Feinstein

Pirfenidone Is Renoprotective in Diabetic Kidney Disease
Satish P. Ramachandrarao, Yanqing Zhu, Timothy Ravasi, Tracy A. McGowan, Irene Toh, Stephen R. Dunn, Shinichi Okada, Michael A. Shaw, and Kumar Sharma

The Calcineurin Homologous Protein-1 Increases Na+/H+-Exchanger 3 Trafficking via Ezrin Phosphorylation
Francesca Di Sole, Victor Babich, and Orson W. Moe

BRG1 Increases Transcription of Proinflammatory Genes in Renal Ischemia
Masayo Naito, Richard A. Zager, and Karol Bomszyk

25-Hydroxyvitamin D Levels Inversely Associate with Risk for Developing Coronary Artery Calcification
Ian H. de Boer, Bryan Kestenbaum, Abigail B. Shoben, Erin D. Michos, Mark J. Sarnak, and David S. Siscovick

See related editorial by Melamed and Thadhani (pp. 1663–1665).

Albuminuria and Kidney Function Independently Predict Cardiovascular and Renal Outcomes in Diabetes
Toshiharu Ninomiya, Vlad Perkovic, Bastiaan E. de Galan, Sophia Zoungas, Avinash Pillai, Meg Jardine, Anushka Patel, Alan Cass, Bruce Neal, Neil Poulter, Carl-Erik Mogensen, Mark Cooper, Michel Marre, Bryan Williams, Pavel Hamet, Giuseppe Mancia, Mark Woodward, Stephen MacMahon, and John Chalmers, on behalf of the ADVANCE Collaborative Group

Family History of Renal Disease Severity Predicts the Mutated Gene in ADPKD
Moumita Barua, Onur Cil, Andrew D. Paterson, Kairon Wang, Ning He, Elizabeth Dicks, Patrick Boffard, and T. Alp Ikizler

See related editorial by Szczec (pp. 1656–1657).

Family History of Renal Disease Severity Predicts the Mutated Gene in ADPKD
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Expression of Complement Components Differs Between Kidney Allografts from Living and Deceased Donors
Maarten Naesens, Li Li, Lihua Ying, Poonam Sansanwal, Tara K. Sigdel, Szu-Chuan Hsieh, Neeraja Kambham, Evelyne Lerut, Oscar Salvatierra, Atul J. Butte, and Minnie M. Sarwal