This Month’s Highlights

UP FRONT MATTERS

Editorials

569 Is the Albumin Retrieval Hypothesis a Paradigm Shift for Nephrology?  
Anthony G.W. Norden and Robert J. Unwin  
• See related article by Weyer et al. (pp. 591–596).

571 The Eternal (Nocturnal) Quest for Better Dialysis Outcomes  
Martin K. Kuhlmann  
• See related articles by Lacson et al. (pp. 687–695); and Nesrallah et al. (pp. 696–705).

573 Intensive Hemodialysis: Back to the Beginning?  
T. Alp Ikizler  
• See related articles by Lacson et al. (pp. 687–695); and Nesrallah et al. (pp. 696–705).

575 Improvement in Kidney Function: A Real Occurrence  
Tanvir Chowdhury Turin and Brenda R. Hemmelgarn  
• See related article by Hu et al. (pp. 706–713).

Brief Review

578 Cardiovascular Disease in Children with Chronic Kidney Disease  
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Pathophysiology of the Renal Biopsy

586 Renal Leishmaniasis as Unusual Cause of Nephrotic Syndrome in an HIV Patient  
Kerstin Amann, Christian Bogdán, Thomas Harrer, and Juergen Rech

BRIEF COMMUNICATION

591 ★ Generation of Urinary Albumin Fragments Does Not Require Proximal Tubular Uptake  
Kathrin Weyer, Rikke Nielsen, Erik I. Christensen, and Henrik Birn  
• See related editorial by Norden and Unwin (pp. 569–571).

BASIC RESEARCH

597 Upregulation of miR-142-3p in Peripheral Blood Mononuclear Cells of Operationally Tolerant Patients with a Renal Transplant  
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607 Ureteric Morphogenesis Requires Fgfr1 and Fgfr2/Frs2α Signaling in the Metanephric Mesenchyme  
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618 Absence of Canonical Smad Signaling in Ureteral and Bladder Mesenchyme Causes Ureteropelvic Junction Obstruction  
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629 Subtotal Ablation of Parietal Epithelial Cells Induces Crescent Formation  

641 Disruption of IFT Complex A Causes Cystic Kidneys without Mitotic Spindle Misorientation  
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652 eNOS Deficiency Acts through Endothelin to Aggravate sFlt-1–Induced Pre-Eclampsia–Like Phenotype  
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Red star ★ indicates articles that are features in This Month’s Highlights.
Injection of Amniotic Fluid Stem Cells Delays Progression of Renal Fibrosis
Sargis Sedrakyan, Stefano Da Sacco, Anna Milanesi, Liron Shiri, Astigik Petrosyan, Radka Varimezova, David Warburton, Kevin V. Lemley, Roger E. De Filippo, and Laura Perin

Orphan Nuclear Receptor Nur77 Promotes Acute Kidney Injury and Renal Epithelial Apoptosis
Savithri Balasubramanian, Marcel Jansen, M. Todd Valerius, Benjamin D. Humphreys, and Terry B. Strom

Survival with Three-Times Weekly In-Center Nocturnal Versus Conventional Hemodialysis
Eduardo Lacson Jr., Jianglin Xu, Rita S. Suri, Gihad Nesrallah, Robert Lindsay, Amit X. Garg, Keith Lester, Norma Ofsthun, Michael Lazarus, and Raymond M. Hakim
- See related editorials by Kuhlmann (pp. 571–573); and Ikizler (pp. 573–575).

Intensive Hemodialysis Associates with Improved Survival Compared with Conventional Hemodialysis
Gihad E. Nesrallah, Robert M. Lindsay, Meaghan S. Cuerden, Amit X. Garg, Friedrich Port, Peter C. Austin, Louise M. Moist, Andreas Pierratos, Christopher T. Chan, Deborah Zimmerman, Robert S. Lockridge, Cécile Couchoud, Charles Chazot, Norma Ofsthun, Adeera Levin, Michael Copland, Mark Courtney, Andrew Steele, Philip A. McFarlane, Denis F. Geary, Robert P. Pauly, Paul Komenda, and Rita S. Suri
- See related editorials by Kuhlmann (pp. 571–573); and Ikizler (pp. 573–575).

Kidney Function Can Improve in Patients with Hypertensive CKD
Bo Hu, Crystal Gadegbeku, Michael S. Lipkowitz, Stephen Rostand, Julia Lewis, Jackson T. Wright, Lawrence J. Appel, Tom Greene, Jennifer Gassman, and Brad C. Astor, for the African-American Study of Kidney Disease and Hypertension Group
- See related editorial by Turin and Hemmelgarn (pp. 575–577).

Bone Density and Cortical Structure after Pediatric Renal Transplantation
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Effects of Frequent Hemodialysis on Measures of CKD Mineral and Bone Disorder
John T. Daugirdas, Glenn M. Chertow, Brett Larive, Andreas Pierratos, Tom Greene, Juan Carlos Ayus, Cynthia A. Kendrick, Sam H. James, Brent W. Miller, Gerald Schulman, Isidro B. Salusky, Alan S. Kliger, and the Frequent Hemodialysis Network (FHN) Trial Group

Early Basal Insulin Therapy Decreases New-Onset Diabetes after Renal Transplantation
Manfred Hecking, Michael Haidinger, Dominik Döller, Johannes Werzowa, Andrea Tura, Jinyao Zhang, Hilal Tekoglu, Johannes Pleiner, Thomas Wrba, Susanne Rasoul-Rockenschaub, Ferdinand Mühlbacher, Sabine Schmaldienst, Wilfred Druml, Walter H. Hörfl, Michael Krebs, Michael Wolzt, Giovanni Pacini, Friedrich K. Port, and Marcus D. Säemann

Non-HLA Antibodies to Immunogenic Epitopes Predict the Evolution of Chronic Renal Allograft Injury
Tara K. Sigdel, Li Li, Tim Q. Tran, Purvesh Khatri, Maarten Naesens, Poonam Sansanwal, Hong Dai, Szu-chuan Hsieh, and Minnie M. Sarwal