This Month's Highlights

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505 Accurate Relapse Prediction in ANCA-Associated Vasculitis: The Search for the Holy Grail
Ulrich Specks
• See related article by Kemna et al. (pp. 537–542).

507 The Search for Monogenic Causes of Kidney Stones
David S. Goldfarb
• See related article by Halbritter et al. (pp. 543–551).

510 Electroacupuncture Therapy for Muscle Atrophy in CKD: Is There a Needle in the Haystack?
Ali Ramezani, Ian R. Barrows, and Dominic S. Raj
• See related article by Hu et al. (pp. 626–635).

512 Measuring Intradialytic Hypotension to Improve Quality of Care
John T. Daugirdas
• See related article by Flythe et al. (pp. 724–734).

Brief Review

515 Current Status of Bicarbonate in CKD
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Pathophysiology of the Renal Biopsy

525 Crystalglobulin-Induced Nephropathy
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Special Article

531 David S. Baldwin, MD: A Legacy in Nephrology
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BRIEF COMMUNICATIONS

537 ANCA as a Predictor of Relapse: Useful in Patients with Renal Involvement But Not in Patients with Nonrenal Disease
Michael J. Kemna, Jan Damoiseaux, Jos Austen, Bjorn Winkens, Jim Peters, Pieter van Paassen, and Jan Willem Cohen Tervaert
• See related editorial by Specks (pp. 505–507).

543 Fourteen Monogenic Genes Account for 15% of Nephrolithiasis/Nephrocalcinosis
• See related editorial by Goldfarb (pp. 507–510).

BASIC RESEARCH

553 β-Catenin Links von Hippel-Lindau to Aurora Kinase A and Loss of Primary Cilia in Renal Cell Carcinoma
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565 Restoration of Renal Function Does Not Correct Impairment of Uremic HDL Properties
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576 Deficiency of the Planar Cell Polarity Protein Vangl2 in Podocytes Affects Glomerular Morphogenesis and Increases Susceptibility to Injury
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Red star ⋆ indicates articles that are features in This Month’s Highlights.
Chronic Hypoxia-Inducible Transcription Factor-2 Activation Stably Transforms Juxtaglomerular Renin Cells into Fibroblast-Like Cells In Vivo
Birguel Kurt, Katharina Gerl, Christian Karger, Ilona Schwarzensteiner, and Armin Kurtz

Hypertension Is a Major Contributor to 20-Hydroxyeicosatetraenoic Acid–Mediated Kidney Injury in Diabetic Nephropathy

Inhibition of Intracellular Clusterin Attenuates Cell Death in Nephropathic Cystinosis
Poonam Sansanwal, Li Li, and Minnie M. Sarwal

Low-Frequency Electrical Stimulation Attenuates Muscle Atrophy in CKD—A Potential Treatment Strategy
Li Hu, Janet D. Klein, Faten Hassounah, Hui Cai, Cong Zhang, Ping Xu, and Xiaonian H. Wang
*See related editorial by Ramezani et al. (pp. 510–512).*

Cardiac Myocyte-Derived Follistatin-Like 1 Prevents Renal Injury in a Subtotal Nephrectomy Model
Satoko Hayakawa, Koji Ohashi, Rei Shibata, Yoshiyuki Kataoka, Megumi Miyabe, Takashi Enomoto, Yusuke Joki, Yuuki Shimizu, Takahiro Kambara, Yusuke Uemura, Daisuke Yuasa, Hayato Ogawa, Kazuhiro Matsuo, Mizuho Hiramatsu-Itô, Maurice J.B. van den Hoff, Kenneth Walsh, Toyoaki Murohara, and Noriyuki Ouchi

Rhophilin-1 Is a Key Regulator of the Podocyte Cytoskeleton and Is Essential for Glomerular Filtration
Mark A. Lal, Ann-Charlotte Andersson, Kan Katayama, Ziejie Xiao, Masatoshi Nukui, Kjell Hultenby, Annika Wernerson, and Karl Tryggvason

Epigenetic Regulation of MicroRNAs Controlling CLDN14 Expression as a Mechanism for Renal Calcium Handling
Yongfeng Gong, Nina Himmerkus, Alleine Plain, Markus Bleich, and Jianghui Hou

Mutual Antagonism of Wilms’ Tumor 1 and β-Catenin Dictates Podocyte Health and Disease
Lili Zhou, Yingjian Li, Weichun He, Dong Zhou, Roderick J. Tan, Jing Nie, Fan Fan Hou, and Youhua Liu

Functional Genomic Annotation of Genetic Risk Loci Highlights Inflammation and Epithelial Biology Networks in CKD
Nora Ledo, Yi-An Ko, Ae-Seo Deok Park, Hyun-Mi Kang, Sang-Youb Han, Peter Choi, and Katalin Susztak

ESRD and Death after Heart Failure in CKD
Maneesh Sud, Navdeep Tangri, Melania Pintilie, Andrew S. Levey, and David M.J. Naimark

Association of Mortality Risk with Various Definitions of Intradialytic Hypotension
Jennifer E. Flythe, Hui Xue, Katherine E. Lynch, Gary C. Curhan, and Steven M. Brunelli
*See related editorial by Daugirdas (pp. 512–514).*

Association of Early Kidney Allograft Failure with Preformed IgA Antibodies to β2-Glycoprotein I
Jose M. Morales, Jose Angel Martinez-Flores, Manuel Serrano, Maria José Castro, Francisco Javier Alfaro, Florencio Garcia, Miguel Angel Martinez, Amado Andrés, Esther Gonzalez, Manuel Praga, Estela Paz-Artal, and Antonio Serrano

Imaging-Based Diagnosis of Autosomal Dominant Polycystic Kidney Disease
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Has Dialysis Payment Reform Led to Initial Racial Disparities in Anemia and Mineral Metabolism Management?
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