

This Month's Highlights

UP FRONT MATTERS

Editorials

- 863 **Dogs Don't Bark at Parked Cars**
Eric G. Neilson
- 863 **The Kielin/Chordin-Like Protein Checkpoint Constitutes a System of Checks and Balances in CKD**
Michael Zeisberg and Raghu Kalluri
• See related article by Soofi et al. (pp. 897–905).
- 865 **Working Out Nephronophthisis Genetics One Family at a Time**
Yasar Caliskan and Ali G. Gharavi
• See related article by Hurd et al. (pp. 967–977).
- 868 **The Mutation, a Key Determinant of Phenotype in ADPKD**
Peter C. Harris and Katharina Hopp
• See related article by Gall et al. (pp. 1006–1013).
- 870 **A Piece of the Puzzle in the Cardiorenal Conundrum**
Julie Lin
• See related article by Tonelli et al. (pp. 979–986).
- 873 **Defining the Signals that Constitute the Nephron Progenitor Niche**
Thomas J. Carroll and Amrita Das
- 877 **Retooling the Creatinine Clearance Equation to Estimate Kinetic GFR when the Plasma Creatinine Is Changing Acutely**
Sheldon Chen

Special Article

BRIEF COMMUNICATION

- 889 ★ **Quaternary Epitopes of α 345(IV) Collagen Initiate Alport Post-Transplant Anti-GBM Nephritis**
Florina Olaru, Wentian Luo, Xu-Ping Wang, Linna Ge, Jens Michael Hertz, Clifford E. Kashtan, Yoshikazu Sado, Yoav Segal, Billy G. Hudson, and Dorin-Bogdan Borza

BASIC RESEARCH

- 897 ★ **Kielin/Chordin-Like Protein Attenuates both Acute and Chronic Renal Injury**
Abdul Soofi, Peng Zhang, and Gregory R. Dressler
• See related editorial by Zeisberg and Kalluri (pp. 863–865).
- 906 ★ **Podocytes Are Nonhematopoietic Professional Antigen-Presenting Cells**
Andreas Goldwisch, Miriam Burkard, Martha Ölke, Christoph Daniel, Kerstin Amann, Christian Hugo, Christian Kurts, Alexander Steinkasserer, and André Gessner
- 917 **Inverted Formin 2 Regulates Actin Dynamics by Antagonizing Rho/Diaphanous-related Formin Signaling**
Hua Sun, Johannes Schlondorff, Henry N. Higgs, and Martin R. Pollak
- 930 **Regulatory T Cell-Derived IL-10 Ameliorates Crescentic GN**
Annett Ostmann, Hans-Joachim Paust, Ulf Panzer, Claudia Wegscheid, Sonja Kapffer, Samuel Huber, Richard A. Flavell, Annette Erhardt, and Gisa Tiegs
- 943 ★ **Histone Deacetylase Inhibitor Enhances Recovery after AKI**
Chiara Cianciolo Cosentino, Nataliya I. Skrypnyk, Lauren L. Brill, Takuto Chiba, Tatiana Novitskaya, Clara Woods, James West, Vasily N. Korotchenko, Lee McDermott, Billy W. Day, Alan J. Davidson, Raymond C. Harris, Mark P. de Caestecker, and Neil A. Hukriede

954 **MICA Variant Promotes Allosensitization after Kidney Transplantation**
Pierre Tonnerre, Nathalie Gérard, Mathias Chatelais, Caroline Poli, Stéphanie Allard, Sylvie Cury, Céline Bressollette, Anne Cesbron-Gautier, and Béatrice Charreau

967 **Mutation of the Mg²⁺ Transporter SLC41A1 Results in a Nephronophthisis-Like Phenotype**
Toby W. Hurd, Edgar A. Otto, Eikan Mishima, Heon Yung Gee, Hana Inoue, Masato Inazu, Hideomi Yamada, Jan Halbritter, George Seki, Masato Konishi, Weibin Zhou, Tsutomu Yamane, Satoshi Murakami, Gianluca Caridi, Gianmarco Ghiggeri, Takaaki Abe, and Friedhelm Hildebrandt

- See related editorial by Caliskan and Gharavi (pp. 865–868).

CLINICAL EPIDEMIOLOGY

979 **Association between LDL-C and Risk of Myocardial Infarction in CKD**
Marcello Tonelli, Paul Muntner, Anita Lloyd, Braden Manns, Scott Klarenbach, Neesh Pannu, Matthew James, and Brenda Hemmelgam, for the Alberta Kidney Disease Network

- See related editorial by Lin (pp. 870–872).

CLINICAL RESEARCH

987 **Central Body Fat Distribution Associates with Unfavorable Renal Hemodynamics Independent of Body Mass Index**
Arjan J. Kwakernaak, Dorien M. Zelle, Stephan J.L. Bakker, and Gerjan Navis

995 ★ **Impact of Early Parenteral Nutrition on Metabolism and Kidney Injury**
Jan Gunst, Ilse Vanhorebeek, Michaël P. Casaer, Greet Hermans, Pieter J. Wouters, Jasperina Dubois, Kathleen Claes, Miet Schetz, and Greet Van den Berghe

1006 ★ **Type of PKD1 Mutation Influences Renal Outcome in ADPKD**
Emilie Cornec-Le Gall, Marie-Pierre Audrézet, Jian-Min Chen, Maryvonne Hourmant, Marie-Pascale Morin, Régine Perrichot, Christophe Charasse, Bassem Whebe, Eric Renaudineau, Philippe Jousset, Marie-Paule Guillodo, Anne Grall-Jezequel, Philippe Saliou, Claude Férec, and Yannick Le Meur

- See related editorial by Harris and Hopp (pp. 868–870).

1014 **The Impact of Membrane Permeability and Dialysate Purity on Cardiovascular Outcomes**
Gulay Asci, Huseyin Töz, Mehmet Ozkahya, Soner Duman, Meltem Sezis Demirci, Mustafa Cirit, Savas Sipahi, Hamad Dheir, Devrim Bozkurt, Fatih Kircelli, Ebru Sevinc Ok, Sinan Erten, Muhittin Ertlav, Timur Kose, Ali Basci, Jochen G. Raimann, Nathan W. Levin, Ercan Ok, and EGE Study Group