

**This Month's Highlights**

**UP FRONT MATTERS**

**Editorials**

- 1955 Apolipoprotein L1 and the Genetic Basis for Racial Disparity in Chronic Kidney Disease**  
Susan E. Quaggin and Alfred L. George, Jr.  
• See related articles by Papeta et al. (pp. 1991–1996); Kanji et al. (pp. 2091–2097); Friedman et al. (pp. 2098–2105); Madhavan et al. (pp. 2119–2128); and Kopp et al. (pp. 2129–2137)
- 1958 The Aging Kidney Phenotype and Systemically Derived Stem Cells**  
Gary E. Striker  
• See related article by Yang et al. (pp. 2028–2036).
- 1960 Fishing for New Glomerular Disease-Related Genes**  
Steve Mangos and Jochen Reiser  
• See related article by Nishibori et al. (pp. 2037–2046).
- Special Articles**
- 1963 High Altitude Renal Syndrome (HARS)**  
Abdias Hurtado Arestegui, Richard Fuquay, Jeffrey Sirota, Erik R. Swenson, Robert B. Schoene, J. Ashley Jefferson, Wei Chen, Xue-qing Yu, Jackeline Pando Kelly, Richard J. Johnson, and Elizabeth Escudero
- 1969 Balancing Calcium Signals through TRPC5 and TRPC6 in Podocytes**  
Anna Greka and Peter Mundel
- Science in Renal Medicine**
- 1981 Effects of pH on Potassium: New Explanations for Old Observations**  
Peter S. Aronson and Gerhard Giebisch

**BRIEF COMMUNICATION**

- 1991 ★ APOL1 Variants Increase Risk for FSGS and HIVAN but Not IgA Nephropathy**  
Natalia Papeta, Krzysztof Kiryluk, Ami Patel, Roel Sterken, Nilgun Kacak, Holly J. Snyder, Phil H. Imus, Anand N. Mhatre, Anil K. Lawani, Bruce A. Julian, Robert J. Wyatt, Jan Novak, Christina M. Wyatt, Michael J. Ross, Jonathan A. Winston, Mary E. Klotman, David J. Cohen, Gerald B. Appel, Vivette D. D'Agati, Paul E. Klotman, and Ali G. Gharavi  
• See related editorial by Quaggin and George Jr. (pp. 1955–1958).

**BASIC RESEARCH**

- 1997 Mineralocorticoid Receptor Mutations and a Severe Recessive Pseudohypoaldosteronism Type 1**  
Edwige-Ludiwynne Hubert, Raphaël Teissier, Fábio L. Fernandes-Rosa, Michel Fay, Marie-Edith Rafestin-Oblin, Xavier Jeunemaitre, Chantal Metz, Brigitte Escoubet, and Maria-Christina Zennaro
- 2004 ★ Hypoxia-Inducible Transcription Factors Stabilization in the Thick Ascending Limb Protects against Ischemic Acute Kidney Injury**  
Gunnar Schley, Bernd Klanke, Johannes Schödel, Frauke Forstreuter, Deepa Shukla, Armin Kurtz, Kerstin Amann, Michael S. Wiesener, Seymour Rosen, Kai-Uwe Eckardt, Patrick H. Maxwell, and Carsten Willam
- 2016 ★ Mdm2 Promotes Systemic Lupus Erythematosus and Lupus Nephritis**  
Ramanjaneyulu Allam, Sufyan G. Sayyed, Onkar P. Kulkarni, Julia Lichtnekert, and Hans-Joachim Anders

- 2028 Cells Derived from Young Bone Marrow Alleviate Renal Aging**  
Hai-Chun Yang, Michele Rossini, Li-Jun Ma, Yiqin Zuo, Ji Ma, and Agnes B. Fogo  
• See related editorial by Striker (pp. 1958–1960).
- 2037 Glcc1 Deficiency Leads to Proteinuria**  
Yukino Nishibori, Kan Katayama, Matalena Parikka, Ásmundur Oddsson, Masatoshi Nukui, Kjell Hulthen, Annika Wernerson, Bing He, Lwaki Ebarasi, Elisabeth Raschperger, Jenny Norlin, Mathias Uhlén, Jaakko Patrakka, Christer Betsholtz, and Karl Tryggvason  
• See related editorial by Mangos and Reiser (pp. 1960–1962).
- 2047 Mutations in Multiple PKD Genes May Explain Early and Severe Polycystic Kidney Disease**  
Carsten Bergmann, Jennifer von Bothmer, Nadina Ortiz Brüche, Andreas Venghaus, Valeska Frank, Henry Fehrenbach, Tobias Hampel, Lars Pape, Annegret Buske, Jon Jonsson, Nanette Sarioglu, Antónia Santos, Jose Carlos Ferreira, Jan U. Becker, Reinhold Cremer, Julia Hoefele, Marcus R. Benz, Lutz T. Weber, Reinhard Buettner, and Klaus Zerres
- 2057 IL-33 Exacerbates Acute Kidney Injury**  
Ali Akcay, Quocan Nguyen, Zhibin He, Kultigin Turkmen, Dong Won Lee, Ana Andres Hernando, Christopher Altmann, Aysun Toker, Arijana Pacic, Danica Galesic Ljubanovic, Alkesh Jani, Sarah Faubel, and Charles L. Edelstein
- 2068 Decreased miR-29 Suppresses Myogenesis in CKD**  
Xiaonan H. Wang, Zhaoyong Hu, Janet D. Klein, Liping Zhang, Fude Fang, and William E. Mitch
- 2077 HCaRG Accelerates Tubular Repair after Ischemic Kidney Injury**  
Hiroyuki Matsuda, Julie L. Lavoie, Louis Gaboury, Pavel Hamet, and Johanne Tremblay

## CLINICAL EPIDEMIOLOGY

- 2091 ★ Genetic Variation in APOL1 Associates with Younger Age at Hemodialysis Initiation**  
Zahra Kanji, Camille E. Powe, Julia B. Wenger, Chunmei Huang, Elizabeth Ankers, Dorothy A. Sullivan, Gina Collerone, Neil R. Powe, Marcello Tonelli, Ishir Bhan, Andrea J. Bernhardt, Salvatore DiBartolo, David Friedman, Giulio Genovese, Martin R. Pollak, and Ravi Thadhani  
• See related editorial by Quaggin and George Jr. (pp. 1955–1958).
- 2098 ★ Population-Based Risk Assessment of APOL1 on Renal Disease**  
David J. Friedman, Julia Kozlitina, Giulio Genovese, Prachi Jog, and Martin R. Pollak  
• See related editorial by Quaggin and George Jr. (pp. 1955–1958).

## CLINICAL RESEARCH

- 2107 Meta-Analysis of Calcineurin-Inhibitor-Sparing Regimens in Kidney Transplantation**  
Adnan Sharif, Shazia Shabir, Sourabh Chand, Paul Cockwell, Simon Ball, and Richard Borrows
- 2119 ★ APOL1 Localization in Normal Kidney and Nondiabetic Kidney Disease**  
Sethu M. Madhavan, John F. O'Toole, Martha Konieczkowski, Santhi Ganesan, Leslie A. Bruggeman, and John R. Sedor  
• See related editorial by Quaggin and George Jr. (pp. 1955–1958).
- 2129 ★ APOL1 Genetic Variants in Focal Segmental Glomerulosclerosis and HIV-Associated Nephropathy**  
Jeffrey B. Kopp, George W. Nelson, Karmini Sampath, Randall C. Johnson, Giulio Genovese, Ping An, David Friedman, William Briggs, Richard Dart, Stephen Korbet, Michele H. Mokrzycki, Paul L. Kimmel, Sophie Limou, Tejinder S. Ahuja, Jeffrey S. Berns, Justyna Fryc, Eric E. Simon, Michael C. Smith, Howard Trachtman, Donna M. Michel, Jeffrey R. Schelling, David Vlahov, Martin Pollak, and Cheryl A. Winkler  
• See related editorial by Quaggin and George Jr. (pp. 1955–1958).