

This Month's Highlights

UP FRONT MATTERS

Editorials

- 2447 **Are Cyst-Associated Macrophages in Polycystic Kidney Disease the Equivalent to TAMs in Cancer?**

Thomas Weimbs

• See related article by Cassini et al. (pp. 2471–2481).

- 2449 **Kidney Transplantation Rates of Veterans Administration–Listed Patients Compared with Rates of Patients on Nonveteran Lists**

Mohan Ramkumar and Susan T. Crowley

• See related article by Augustine et al. (pp. 2574–2582).

Perspectives

- 2451 **Hereditary Kidney Disease: All Family Members Are Affected**

Roberta M. Falke and Andrew S. Levey

- 2452 **In-Center Hemodialysis: Time for a Paradigm Shift**

Ambreen Gul, Dana C. Miskulin, Antonia Harford, and Philip Zager

- 2454 **Perspective: Will We Ever Know the Optimal Hgb Level in ESRD?**

Jay B. Wish

Review

- 2458 **A Practical Guide for Treatment of Rapidly Progressive ADPKD with Tolvaptan**

Fouad T. Chebib, Ronald D. Perrone, Arlene B. Chapman, Neera K. Dahl, Peter C. Harris, Michal Mrug, Reem A. Mustafa, Anjay Rastogi, Terry Watnick, Alan S.L. Yu, and Vicente E. Torres

BASIC RESEARCH

- 2471 **★Mcp1 Promotes Macrophage-Dependent Cyst Expansion in Autosomal Dominant Polycystic Kidney Disease**

Marcelo F. Cassini, Vijayakumar R. Kakade, Elizabeth Kurtz, Parker Sulkowski, Peter Glazer, Richard Torres, Stefan Somlo, and Lloyd G. Cantley

• See related editorial by Weimbs (pp. 2447–2448).

- 2482 **★Human-Specific Abnormal Alternative Splicing of Wild-Type PKD1 Induces Premature Termination of Polycystin-1**

Wendy A. Lea, Stephen C. Parnell, Darren P. Wallace, James P. Calvet, Lesya V. Zelenchuk, Nehemiah S. Alvarez, and Christopher J. Ward

- 2493 **Mechanism of Fibrosis in HNF1B-Related Autosomal Dominant Tubulointerstitial Kidney Disease**

Siu Chiu Chan, Ying Zhang, Annie Shao, Svetlana Avdulov, Jeremy Herrera, Karam Aboudehen, Marco Pontoglio, and Peter Igarashi

- 2510 **★Assessment of Perfusion and Oxygenation of the Human Renal Cortex and Medulla by Quantitative MRI during Handgrip Exercise**

Bryan Thomas Haddock, Susan T. Francis, Henrik B.W. Larsson, and Ulrik B. Andersen

- 2518 **MicroRNA-214-3p in the Kidney Contributes to the Development of Hypertension**

Yong Liu, Kristie Usa, Feng Wang, Pengyuan Liu, Aron M. Geurts, Junhui Li, Anna Marie Williams, Kevin R. Regner, Yiwei Kong, Han Liu, Jing Nie, and Mingyu Liang

2529 Podocyte-Specific Induction of Krüppel-Like Factor 15 Restores Differentiation Markers and Attenuates Kidney Injury in Proteinuric Kidney Disease
Yiqing Guo, Jesse Pace, Zhengzhe Li, Avi Ma'ayan, Zichen Wang, Monica P. Revelo, Edward Chen, Xiangchen Gu, Ahmed Attalah, Yaqi Yang, Chelsea Estrada, Vincent W. Yang, John C. He, and Sandeep K. Mallipattu

2546 The Absence of the ACE N-Domain Decreases Renal Inflammation and Facilitates Sodium Excretion during Diabetic Kidney Disease
Masahiro Eriguchi, Ellen A. Bernstein, Luciana C. Veiras, Zakir Khan, Duo Yao Cao, Sebastien Fuchs, Alicia A. McDonough, Jorge E. Toblli, Romer A. Gonzalez-Villalobos, Kenneth E. Bernstein, and Jorge F. Giani

CLINICAL EPIDEMIOLOGY

2563 Racial Disparities in Nephrology Consultation and Disease Progression among Veterans with CKD: An Observational Cohort Study
Jonathan Suarez, Jordana B. Cohen, Vishnu Potluri, Wei Yang, David E. Kaplan, Marina Serper, Siddharth P. Shah, and Peter Philip Reese

2574 Significantly Lower Rates of Kidney Transplantation among Candidates Listed with the Veterans Administration: A National and Local Comparison
Joshua J. Augustine, Susana Arrigain, Krishna Balabhadrapatruni, Niraj Desai, and Jesse D. Schold

- See related editorial by Ramkumar and Crowley (pp. 2449–2450).

2583 ★Genetic Variants Associated with Circulating Fibroblast Growth Factor 23
Cassianne Robinson-Cohen, Traci M. Bartz, Dongbing Lai, T. Alp Ikizler, Munro Peacock, Erik A. Imel, Erin D. Michos, Tatiana M. Foroud, Kristina Akesson, Kent D. Taylor, Linnea Malmgren, Kunihiro Matsushita, Maria Nethander, Joel Eriksson, Claes Ohlsson, Daniel Mellström, Myles Wolf, Osten Ljunggren, Fiona McGuigan, Jerome I. Rotter, Magnus Karlsson, Michael J. Econs, Joachim H. Ix, Pamela L. Lutsey, Bruce M. Psaty, Ian H. de Boer, and Bryan R. Kestenbaum

CLINICAL RESEARCH

2593 ★Prevalence Estimates of Polycystic Kidney and Liver Disease by Population Sequencing
Matthew B. Lanktree, Amirreza Haghighi, Elsa Guiard, Ioan-Andrei Iliuta, Xuewen Song, Peter C. Harris, Andrew D. Paterson, and York Pei

LETTERS TO THE EDITOR

2601 Fibroblast Growth Factor-23 Is Not a Single Bystander in Chronic Kidney Disease Mortality
Solenne Pelletier and Denis Fouque

2602 Fibroblast Growth Factor-23 May Follow Cardiovascular Disease Rather than Causing It in Chronic Kidney Disease
Chenchen Zhou, Changlin Mei, Bing Dai, and Cheng Xue

2602 Authors' Reply
William G. Herrington, Killian Donovan, and Borislava Mihaylova