

This Month's Highlights

UP FRONT MATTERS

Editorials

1551 **Mesangial Cells: The Tuft Guys of Glomerular Development**

Denise K. Marciano

- See related article by Grigorieva et al. (pp. 1641–1658) and Nelson et al. (pp. 1559–1572).

1553 **Another Example of Race Disparities in the US Healthcare System**

Vanessa Grubbs

- See related article by Wen et al. (pp. 1687–1696).

1554 **Variation in Kidney Transplant Referral: How Much More Evidence Do We Need To Justify Data Collection on Early Transplant Steps?**

Rachel E. Patzer and Laura McPherson

- See related article by Kim et al. (pp. 1708–1721).

1556 **Clinical Trial Data Sharing: The Time Is Now**

Josephine P. Briggs and Paul M. Palevsky

- See related article by Inker et al. (pp. 1735–1745).

BASIC RESEARCH

1559 **Early B Cell Factor 1 (EBF1) Regulates Glomerular Development by Controlling Mesangial Maturation and Consequently COX-2 Expression**

Tracy Nelson, Heino Velazquez, Nancy Troiano, and Jackie A. Fretz

- See related editorial by Marciano (pp. 1551–1553).

1573 **★GPRC5b Modulates Inflammatory Response in Glomerular Diseases via NF-κB Pathway**

Sonia Zambrano, Katja Möller-Hackbarth, Xidan Li, Patricia Q. Rodriguez, Emmanuelle Charrin, Angelina Schwarz, Jenny Nyström, Annika Östman Wernerson, Mark Lal, and Jaakko Patrakka

1587 **Contribution of Coiled-Coil Assembly to Ca²⁺/Calmodulin-Dependent Inactivation of TRPC6 Channel and its Impacts on FSGS-Associated Phenotypes**

Onur K. Polat, Masatoshi Uno, Terukazu Maruyama, Ha Nam Tran, Kayo Imamura, Chee Fah Wong, Reiko Sakaguchi, Mariko Ariyoshi, Kyohei Itsuki, Jun Ichikawa, Takashi Morii, Masahiro Shirakawa, Ryuji Inoue, Katsuhiko Asanuma, Jochen Reiser, Hidehito Tochio, Yasuo Mori, and Masayuki X. Mori

1605 **The Extracellular Matrix Receptor Discoidin Domain Receptor 1 Regulates Collagen Transcription by Translocating to the Nucleus**

Manuel Chiusa, Wen Hu, Hong-Jun Liao, Yan Su, Corina M. Borza, Mark P. de Caestecker, Nataliya I. Skrypnik, Agnes B. Fogo, Vadim Pedchenko, Xiyue Li, Ming-Zhi Zhang, Billy G. Hudson, Trayambak Basak, Roberto M. Vanacore, Roy Zent, and Ambra Pozzi

1625 **Contributions of Rare Gene Variants to Familial and Sporadic FSGS**

Minxian Wang, Justin Chun, Giulio Genovese, Andrea U. Knob, Ava Benjamin, Maris S. Wilkins, David J. Friedman, Gerald B. Appel, Richard P. Lifton, Shrikant Mane, and Martin R. Pollak

1641 **★A Novel Role for GATA3 in Mesangial Cells in Glomerular Development and Injury**

Irina V. Grigorieva, Andre Oszwald, Elena F. Grigorieva, Helga Schachner, Barbara Neudert, Tammo Ostendorf, Jürgen Floege, Maja T. Lindenmeyer, Clemens D. Cohen, Ulf Panzer, Christof Aigner, Alice Schmidt, Frank Grosveld, Rajesh V. Thakker, Andrew Jackson Rees, and Renate Kain

- See related editorial by Marciano (pp. 1551–1553).

1659 **The Role of the EGF Receptor in Sex Differences in Kidney Injury**

Ming-Zhi Zhang, Kensuke Sasaki, Yan Li, Zhilian Li, Yu Pan, Guan-nan Jin, Yinqiu Wang, Aolei Niu, Suwan Wang, Xiaofeng Fan, Jian Chun Chen, Corina Borza, Haichun Yang, Ambra Pozzi, Agnes B. Fogo, and Raymond C. Harris

- 1674** **Twist1 in Infiltrating Macrophages Attenuates Kidney Fibrosis via Matrix Metalloproteinase 13-Mediated Matrix Degradation**
Jiafa Ren, Jiandong Zhang, Nathan P. Rudemiller, Robert Griffiths, Yi Wen, Xiaohan Lu, Jamie R. Privratsky, Michael D. Gunn, and Steven D. Crowley

CLINICAL EPIDEMIOLOGY

- 1687** **Trends and Racial Disparities of Palliative Care Use among Hospitalized Patients with ESKD on Dialysis**
Yumeng Wen, Changchuan Jiang, Holly M. Koncicki, Carol R. Horowitz, Richard S. Cooper, Aparna Saha, Steven G. Coca, Girish N. Nadkarni, and Lili Chan
• See related editorial by Grubbs (pp. 1553–1554).
- 1697** **Long-Term Outcomes after Acute Rejection in Kidney Transplant Recipients: An ANZDATA Analysis**
Philip A. Clayton, Stephen P. McDonald, Graeme R. Russ, and Steven J. Chadban

- 1708** ★ **Referral for Kidney Transplantation in Canadian Provinces**
S. Joseph Kim, John S. Gill, Greg Knoll, Patricia Campbell, Marcelo Cantarovich, Edward Cole, and Bryce Kiberd
• See related editorial by Patzer and McPherson (pp. 1554–1556).

CLINICAL RESEARCH

- 1723** ★ **A Phase 3b, Randomized, Double-Blind, Placebo-Controlled Study of Sodium Zirconium Cyclosilicate for Reducing the Incidence of Predialysis Hyperkalemia**
Steven Fishbane, Martin Ford, Masafumi Fukagawa, Kieran McCafferty, Anjay Rastogi, Bruce Spinowitz, Konstantin Staroselskiy, Konstantin Vishnevskiy, Vera Lisovskaja, Ayman Al-Shurbaji, Nicolas Guzman, and Sunil Bhandari

META-ANALYSIS

- 1735** ★ **GFR Slope as a Surrogate End Point for Kidney Disease Progression in Clinical Trials: A Meta-Analysis of Treatment Effects of Randomized Controlled Trials**
Lesley A. Inker, Hiddo J. L. Heerspink, Hocine Tighiouart, Andrew S. Levey, Josef Coresh,

Ron T. Gansevoort, Andrew L. Simon, Jian Ying, Gerald J. Beck, Christoph Wanner, Jürgen Floege, Philip Kam-Tao Li, Vlado Perkovic, Edward F. Vonesh, and Tom Greene
• See related editorial by Briggs and Palevsky (pp. 1556–1558).

- 1746** ★ **Evaluating Glomerular Filtration Rate Slope as a Surrogate End Point for ESKD in Clinical Trials: An Individual Participant Meta-Analysis of Observational Data**
Morgan E. Grams, Yingying Sang, Shoshana H. Ballew, Kunihiro Matsushita, Brad C. Astor, Juan Jesus Carrero, Alex R. Chang, Lesley A. Inker, Timothy Kenealy, Csaba P. Kovcsdy, Brian J. Lee, Adeera Levin, David Naimark, Michelle J. Pena, Jesse D. Schold, Varda Shalev, Jack F. M. Wetzels, Mark Woodward, Ron T. Gansevoort, Andrew S. Levey, and Josef Coresh
- 1756** ★ **Performance of GFR Slope as a Surrogate End Point for Kidney Disease Progression in Clinical Trials: A Statistical Simulation**
Tom Greene, Jian Ying, Edward F. Vonesh, Hocine Tighiouart, Andrew S. Levey, Josef Coresh, Jennifer S. Herrick, Enyu Imai, Tazeen H. Jafar, Bart D. Maes, Ronald D. Perrone, Lucia del Vecchio, Jack F.M. Wetzels, Hiddo J.L. Heerspink, and Lesley A. Inker

LETTERS TO THE EDITOR

- 1771** **Analysis of Other Confounding Factors Is Mandatory before Considering That Long-Acting Erythropoiesis Stimulating Agents Are Deleterious to Patients on Dialysis**
Guy Rostoker, Fanny Lepeyre, and Jacques Rottembourg
- 1772** **ESA Resistance May Be a Potential Confounder for Mortality among Different ESA Types**
Mototsugu Tanaka, Kayo Shinohara, Akiko Ono, and Mutsuhiro Ikuma
- 1772** **Equivalent Doses Matter, Rather Than Types**
Norio Hanafusa and Ken Tsuchiya
- 1773** **Authors' Reply**
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