

This Month's Highlights

UP FRONT MATTERS

Editorials

- 1885 **It Takes a Spark to Light a Fire: Kindling Interest in Nephrology Careers**

Mark Rosenberg

- See related article by Hsiao et al. (pp. 1909–1915).

- 1887 **When Erythropoietin Meddles in Immune Affairs**

Frank Martinez and Nicolas Pallet

- See related article by Cravedi et al. (pp. 2003–2015).

- 1889 **Urinary Exosomes Join the Fight against Infection**

James W. Dear

- See related article by Hiemstra et al. (pp. 2017–2027).

- 1891 **Reducing Avoidable Rehospitalization in ESRD: A Shared Accountability**

Raymond M. Hakim and Allan J. Collins

- See related article by Erickson et al. (pp. 2079–2087).

- 1893 **Mind the Gap**

Thomas A. Golper and Rachel Fissell

- See related article by Tennankore et al. (pp. 2113–2120).

Brief Review

- 1897 **The Uremic Toxicity of Indoxyl Sulfate and p-Cresyl Sulfate: A Systematic Review**

Raymond Vanholder, Eva Schepers, Anneleen Pletinck, Evi V. Nagler, and Griet Glorieux

Occasional Observation

- 1909 **The Kidney Disease Screening and Awareness Program (KDSAP): A Novel Translatable Model for Increasing Interest in Nephrology Careers**

Li-Li Hsiao, Jingshing Wu, Albert C. Yeh, Eric C. Shieh, Cheryl Cui, Ang Li, Laura C. Polding, Raynuma Ahmed, Kenneth Lim, Tzong-Shi Lu, Connie M. Rhee, and Joseph V. Bonventre

- See related editorial by Rosenberg (pp. 1885–1887).

BRIEF COMMUNICATIONS

- 1917 ★ **Mild Recessive Mutations in Six Fraser Syndrome–Related Genes Cause Isolated Congenital Anomalies of the Kidney and Urinary Tract**

Stefan Kohl, Daw-Yang Hwang, Gabriel C. Dworschak, Alina C. Hilger, Pawaree Saisawat, Asaf Vivante, Natasa Stajic, Radovan Bogdanovic, Heiko M. Reutter, Elijah O. Kehinde, Velibor Tasic, and Friedhelm Hildebrandt

- 1924 **Fluorescence Microangiography for Quantitative Assessment of Peritubular Capillary Changes after AKI in Mice**

Rafael Kramann, Mari Tanaka, and Benjamin D. Humphreys

BASIC RESEARCH

- 1933 **Induction of Retinol Dehydrogenase 9 Expression in Podocytes Attenuates Kidney Injury**

Xuezhu Li, Yan Dai, Peter Y. Chuang, and John Cijiang He

- 1942 **Mutations in PAX2 Associate with Adult-Onset FSGS**

Moumita Barua, Emilia Stellacci, Lorenzo Stella, Astrid Weins, Giulio Genovese, Valentina Muto, Viviana Caputo, Hakan R. Toka, Victoria T. Charoonratana, Marco Tartaglia, and Martin R. Pollak

- 1954 ★ **Dietary L-Lysine Prevents Arterial Calcification in Adenine-Induced Uremic Rats**

Akihiro Shimomura, Isao Matsui, Takayuki Hamano, Takuya Ishimoto, Yumiko Katou, Kenji Takehana, Kazunori Inoue, Yasuo Kusunoki, Daisuke Mori, Chikako Nakano, Yoshitsugu Obi, Naohiko Fujii, Yoshitsugu Takabatake, Takayoshi Nakano, Yoshiharu Tsubakihara, Yoshitaka Isaka, and Hiromi Rakugi

- 1966 ★ **TGF- β -Activated Kinase 1 Is Crucial in Podocyte Differentiation and Glomerular Capillary Formation**

Sung Il Kim, So-Young Lee, Zhibo Wang, Yan Ding, Nadeem Haque, Jiwang Zhang, Jing Zhou, and Mary E. Choi

- 1979** **Translational Profiles of Medullary Myofibroblasts during Kidney Fibrosis**
Ivica Grgic, A. Michaela Krautzberger, Andreas Hofmeister, Matthew Lalli, Derek P. DiRocco, Susanne V. Fleig, Jing Liu, Jeremy S. Duffield, Andrew P. McMahon, Bruce Aronow, and Benjamin D. Humphreys
- 1991** **Mutations in the Gene That Encodes the F-Actin Binding Protein Anillin Cause FSGS**
Rasheed A. Gbadegesin, Gentzon Hall, Adebowale Adeyemo, Nils Hanke, Irini Tossidou, James Burchette, Guanghong Wu, Alison Homstad, Matthew A. Sparks, Jose Gomez, Ruiji Jiang, Andrea Alonso, Peter Lavin, Peter Conlon, Ron Korstanje, M. Christine Stander, Ghaidan Shamsan, Moumita Barua, Robert Spurney, Pravin C. Singhal, Jeffrey B. Kopp, Hermann Haller, David Howell, Martin R. Pollak, Andrey S. Shaw, Mario Schiffer, and Michelle P. Winn
- 2003** **Immunosuppressive Effects of Erythropoietin on Human Alloreactive T Cells**
Paolo Cravedi, Joaquin Manrique, Katherine E. Hanlon, Jessica Reid-Adam, Joshua Brody, Praeophayom Prathuangsuk, Anita Mehrotra, and Peter S. Heeger
• See related editorial by Martinez and Pallet (pp.1887–1889).
- 2017** **Human Urinary Exosomes as Innate Immune Effectors**
Thomas F. Hiemstra, Philip D. Charles, Tannia Gracia, Svenja S. Hester, Laurent Gatto, Rafia Al-Lamki, R. Andres Floto, Ya Su, Jeremy N. Skepper, Kathryn S. Lilley, and Fiona E. Karet Frankl
• See related editorial by Dear (pp.1889–1891).
- 2028** **Functional Role of Glucose Metabolism, Osmotic Stress, and Sodium-Glucose Cotransporter Isoform-Mediated Transport on Na⁺/H⁺ Exchanger Isoform 3 Activity in the Renal Proximal Tubule**
Thaissa Dantas Pessoa, Luciene Cristina Gastalho Campos, Luciene Carraro-Lacroix, Adriana C.C. Girardi, and Gerhard Malnic
- 2040** **The Role of the Renal Ammonia Transporter Rhcg in Metabolic Responses to Dietary Protein**
Lisa Bounoure, Davide Ruffoni, Ralph Müller, Gisela Anna Kuhn, Soline Bourgeois, Olivier Devuyt, and Carsten A. Wagner
- 2053** **Complement Factor B Mutations in Atypical Hemolytic Uremic Syndrome—Disease-Relevant or Benign?**
Maria Chiara Marinozzi, Laura Vergoz, Tania Rybkine, Stephanie Ngo, Serena Bettoni, Anastas Pashov, Mathieu Cayla, Fanny Tabarin, Mathieu Jablonski, Christophe Hue, Richard J. Smith, Marina Noris, Lise Halbwachs-Mecarelli, Roberta Donadelli, Veronique Fremeaux-Bacchi, and Lubka T. Roumenina
- 2067** **Tribbles Homolog 3 Attenuates Mammalian Target of Rapamycin Complex-2 Signaling and Inflammation in the Diabetic Kidney**
Emily Borsting, Shalin V. Patel, Anne-Emilie Declèves, Sarah J. Lee, Qazi M. Rahman, Shizuo Akira, Joe Satriano, Kumar Sharma, Volker Vallon, and Robyn Cunard
- CLINICAL EPIDEMIOLOGY**
- 2079** **Physician Visits and 30-Day Hospital Readmissions in Patients Receiving Hemodialysis**
Kevin F. Erickson, Wolfgang C. Winkelmayer, Glenn M. Chertow, and Jay Bhattacharya
• See related editorial by Hakim and Collins (pp.1891–1893).
- 2088** ★ **Association of Body Mass Index with Outcomes in Patients with CKD**
Jun Ling Lu, Kamyar Kalantar-Zadeh, Jennie Z. Ma, L. Darryl Quarles, and Csaba P. Kovcsdy
- 2097** ★ **The Association of eGFR Reporting with the Timing of Dialysis Initiation**
Manish M. Sood, Paul Komenda, Claudio Rigatto, Brett Hiebert, and Navdeep Tangri
- 2105** ★ **Prenatal Risk Factors for Childhood CKD**
Christine W. Hsu, Kalani T. Yamamoto, Rohan K. Henry, Anneclaire J. De Roos, and Joseph T. Flynn
- CLINICAL RESEARCH**
- 2113** **Survival and Hospitalization for Intensive Home Hemodialysis Compared with Kidney Transplantation**
Karthik K. Tennankore, S. Joseph Kim, Heather J. Baer, and Christopher T. Chan
• See related editorial by Golper and Fissell (pp.1893–1895).
- 2121** **Evidence for Anti-Inflammatory Effects of Exercise in CKD**
João L. Viana, George C. Kosmadakis, Emma L. Watson, Alan Bevington, John Feehally, Nicolette C. Bishop, and Alice C. Smith
- META-ANALYSIS**
- 2131** **Meta-Analysis of Methicillin-Resistant *Staphylococcus aureus* Colonization and Risk of Infection in Dialysis Patients**
Ioannis M. Zacharioudakis, Fainareti N. Zervou, Panayiotis D. Ziakas, and Eleftherios Mylonakis