

This Month's Highlights

UP FRONT MATTERS

Editorials

- 967 **Yes, AKI Truly Leads to CKD**
Chi-yuan Hsu
• See related article by Rifkin et al. (pp. 979–984).
- 969 **A Photo Shoot of Proteinuria: Zebrafish Models of Inducible Podocyte Damage**
Roman-Ulrich Müller and Thomas Benzing
• See related article by Zhou and Hildebrandt (pp. 1039–1047).
- 971 **Human AKI and Heme Oxygenase-1**
Karl A. Nath
• See related article by Zager et al. (pp. 1048–1057).
- 974 **On-Line Hemodiafiltration: Not a Self-Fulfilling Prophecy**
Martin K. Kuhlmann
• See related article by Grooteman et al. (pp. 1087–1096).
- 975 **Rituximab in Steroid-Resistant Nephrotic Syndrome in Children: A (False) Glimmer of Hope?**
Madhura Pradhan and Susan Furth
• See related article by Magnasco et al. (pp. 1117–1124).
- Special Article**
- 979 **Does AKI Truly Lead to CKD?**
Dena E. Rifkin, Steven G. Coca, and Kamyar Kalantar-Zadeh
• See related editorial by Hsu (pp. 967–969).
- Science in Renal Medicine**
- 985 **Mechanism of Thyrotoxic Periodic Paralysis**
Shih-Hua Lin and Chou-Long Huang

BRIEF COMMUNICATION

- 989 **GFR Estimation in Adolescents and Young Adults**
Luciano Selistre, Vandréa De Souza, Pierre Cochat, Ivan Carlos Ferreira Antonello, Aoumeur Hadj-Aissa, Bruno Ranchin, Olga Dolomanova, Annie Varennes, Françoise Beyerle, Justine Bacchetta, and Laurence Dubourg

BASIC RESEARCH

- 997 **Angiotensin II- and Salt-Induced Kidney Injury through Rac1-Mediated Mineralocorticoid Receptor Activation**
Wakako Kawarazaki, Miki Nagase, Shigetaka Yoshida, Maki Takeuchi, Kenichi Ishizawa, Nobuhiro Ayuzawa, Kohei Ueda, and Toshiro Fujita
- 1008 ★ **Quantitative Proteomics Identifies Vasopressin-Responsive Nuclear Proteins in Collecting Duct Cells**
Laura K. Schenk, Steven J. Bolger, Kelli Luginbuhl, Patricia A. Gonzales, Markus M. Rinschen, Ming-Jiun Yu, Jason D. Hoffert, Trairak Pisitkun, and Mark A. Knepper
- 1019 ★ **The Circadian Clock Modulates Renal Sodium Handling**
Svetlana Nikolaeva, Sylvain Pradervand, Gabriel Centeno, Vlasta Zavadova, Natsuko Tokonami, Marc Maillard, Olivier Bonny, and Dmitri Firsov
- 1027 **Inhibition of Integrin $\alpha 2\beta 1$ Ameliorates Glomerular Injury**
Corina M. Borza, Yan Su, Xiwu Chen, Ling Yu, Stacey Mont, Sergei Chetyrkin, Paul Voziyan, Billy G. Hudson, Paul C. Billings, Hyunil Jo, Joel S. Bennett, William F. DeGrado, Beate Eckes, Roy Zent, and Ambra Pozzi
- 1039 ★ **Inducible Podocyte Injury and Proteinuria in Transgenic Zebrafish**
Weibin Zhou and Friedhelm Hildebrandt
• See related editorial by Müller and Benzing (pp. 969–971).

1048 Plasma and Urinary Heme Oxygenase-1 in AKI
Richard A. Zager, Ali C.M. Johnson, and Kirsten Becker

- See related editorial by Nath (pp. 971–974).

1058 CD8+ Regulatory T Cells Induced by T Cell Vaccination Protect Against Autoimmune Nephritis

Yuan Min Wang, Geoff Yu Zhang, Min Hu, Tania Polhill, Andrew Sawyer, Jimmy Jianheng Zhou, Mitsuru Saito, Debbie Watson, Huiling Wu, Ya Wang, Xin Maggie Wang, Yiping Wang, David C.H. Harris, and Stephen I. Alexander

CLINICAL EPIDEMIOLOGY

1069 ★Racial Disparities in Access to Pediatric Kidney Transplantation Since Share 35

Sandra Amaral, Rachel E. Patzer, Nancy Kutner, and William McClellan

1078 ★Validation of Reported Predialysis Nephrology Care of Older Patients Initiating Dialysis

Jane Paik Kim, Manisha Desai, Glenn M. Chertow, and Wolfgang C. Winkelmayer

CLINICAL RESEARCH

1087 ★Effect of Online Hemodiafiltration on All-Cause Mortality and Cardiovascular Outcomes

Muriel P.C. Grooteman, Marinus A. van den Dorpel, Michiel L. Bots, E. Lars Penne, Neelke C. van der Weerd, Albert H.A. Mazairac, Claire H. den Hoedt, Ingeborg van der Tweel, Renée Lévesque, Menso J. Nubé, Piet M. ter Wee, and Peter J. Blankestijn, for the CONTRAST Investigators

- See related editorial by Kuhlmann (pp. 974–975).

1097 Effects of Biocompatible versus Standard Fluid on Peritoneal Dialysis Outcomes

David W. Johnson, Fiona G. Brown, Margaret Clarke, Neil Boudville, Tony J. Elias, Marjorie W.Y. Foo, Bernard Jones, Hemant Kulkarni, Robyn Langham, Dwarakanathan Ranganathan, John Schollum, Michael Suranyi, Seng H. Tan, and David Voss, on behalf of the balANZ Trial Investigators

1108 Corticosteroid Therapy in IgA Nephropathy

Jicheng Lv, Damin Xu, Vlado Perkovic, Xinxin Ma, David W. Johnson, Mark Woodward, Adeera Levin, Hong Zhang, and Haiyan Wang, for the TESTING Study Group

1117 Rituximab in Children with Resistant Idiopathic Nephrotic Syndrome

Alberto Magnasco, Pietro Ravani, Alberto Edefonti, Luisa Murer, Luciana Ghio, Mirco Belingheri, Elisa Benetti, Corrado Murtas, Giovanni Messina, Laura Massella, Maria Gabriella Porcellini, Michela Montagna, Mario Regazzi, Francesco Scolari, and Gian Marco Ghiggeri

- See related editorial by Pradhan and Furth (pp. 975–978).

1125 ERRATUM