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This Month's Highlights

UP FRONT MATTERS

Editorials

1051 ★ **More than a Marker: Arginase-1 in Kidney Repair**

Sibylle von Vietinghoff and Roland Schmitt

• See related rapid communication by Cantley et al. (pp. 1077–1086).

1053 ★ **Of Mice and MAVS–Diabetic Kidney Disease and the Leaky Gut**

Ricard Farré, Sander Dejongh, and Bjorn Meijers

• See related article by Linh et al. (pp. 1105–1119).

1055 ★ **Crystals or His(stones): Rethinking AKI in Tumor Lysis Syndrome**

David P. Basile

• See related article by Zafrani et al. (pp. 1154–1171).

1057 **Molecular Characterization of Membranous Nephropathy: Quo Vadis?**

Fernando C. Fervenza and Richard J. Glassock

• See related article by Beck et al. (pp. 1208–1221).

Perspective

1060 **The Advancing American Kidney Health Initiative: The Challenge of Measuring Success**

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Matthew J. Oliver, Peter G. Blake, and

Marcello Tonelli

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1063 **Cost Barriers to More Widespread Use of Peritoneal Dialysis in the United States**

Elliot A. Baerman, Jennifer Kaplan, Jenny I. Shen,

Wolfgang C. Winkelmayer, and Kevin F. Erickson

RESEARCH LETTER

Chronic Kidney Disease

1073 **Empagliflozin Changes Urine Supersaturation by Decreasing pH and Increasing Citrate**

Dusan Harmacek, Menno Pruijm, Michel Burnier,

Marie-Eve Muller, Arlene Ghajarzadeh-Wurzner,

Olivier Bonny, and Anne Zanchi

RAPID COMMUNICATION

Acute Kidney Injury

1077 ★ **Arginase-1 Is Required for Macrophage-Mediated Renal Tubule Regeneration**

Naomi S. Shin, Arnaud Marlier, Leyuan Xu,

Natnael Doilicho, Daniel Linberg, Jiankan Guo, and

Lloyd G. Cantley

• See related editorial by Vietinghoff et al. (pp. 1051–1053).

BASIC RESEARCH

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1087 **Protein Kinase A Downregulation Delays the Development and Progression of Polycystic Kidney Disease**

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Timothy LaBranche, Michael Palmer, Peter C. Harris,

G. Stanley McKnight, Klaus P. Hoeflich, Stefanie Schalm,

and Vicente E. Torres

Chronic Kidney Disease

1105 ★ **Intestinal Bacterial Translocation Contributes to Diabetic Kidney Disease**

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Yukiko Sakai-Takemori, Yusuke Nakade,

Megumi Oshima, Shiori Nakagawa-Yoneda,

Hisayuki Ogura, Koichi Sato, Taichiro Minami,

Shinji Kitajima, Tadashi Toyama, Yuta Yamamura,

Taro Miyagawa, Akinori Hara, Miho Shimizu,

Kengo Furuichi, Norihiko Sakai, Hiroyuki Yamada,

Katsuhiko Asanuma, Kouji Matsushima, and

Takashi Wada

• See related editorial by Farré et al.

(pp. 1053–1055).

1120 **Reduced Glomerular Filtration in Diabetes Is Attributable to Loss of Density and Increased Resistance of Glomerular Endothelial Cell Fenestrations**

Natalie C. Finch, Sarah S. Fawaz, Chris R. Neal,

Matthew J. Butler, Vivian K. Lee, Andrew J. Salmon,

Abigail C. Lay, Megan Stevens, Lusyan Dayalan,

Hamid Band, Harry H. Mellor, Steven J. Harper,

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Glomerulonephritis and Interstitial Nephritis

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Acute Kidney Injury

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• See related editorial by Basile (pp. 1055–1057).

CLINICAL RESEARCH

Acute Kidney Injury

1173 Acute Kidney Injury Associates with Long-Term Increases in Plasma TNFR1, TNFR2, and KIM-1: Findings from the CRIC Study

Ian E. McCoy, Jesse Y. Hsu, Joseph V. Bonventre, Chirag R. Parikh, Alan S. Go, Kathleen D. Liu, Ana C. Ricardo, Anand Srivastava, Debbie L. Cohen, Jiang He, Jing Chen, Panduranga S. Rao, and Chi-yuan Hsu, on behalf of the Chronic Renal Insufficiency Cohort (CRIC) Study Investigators

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1182 Immunosuppressant Medication Use in Patients with Kidney Allograft Failure: A Prospective Multicenter Canadian Cohort Study

Greg Knoll, Patricia Campbell, Michaël Chassé, Dean Fergusson, Tim Ramsay, Priscilla Karnabi, Jeffrey Perl, Andrew A. House, Joseph Kim, Olwyn Johnston, Rahul Mainra, Isabelle Houde, Dana Baran, Darin J. Treleaven, Lynne Senecal, Lee Anne Tibbles, Marie-Josée Hébert, Christine White, Martin Karpinski, and John S. Gill

Glomerulonephritis and Interstitial Nephritis

1193 Long-Term Efficacy and Safety of Repeated Rituximab to Maintain Remission in Idiopathic Childhood Nephrotic Syndrome: An International Study

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Chang-Yien Chan, Manuela Colucci, Guillaume Dorval, Claire Dossier, Stefania Drovandi, Gian Marco Ghiggeri, Debbie S. Gipson, Riku Hamada, Julien Hogan, Kenji Ishikura, Koichi Kamei, Markus J. Kemper, Alison Lap-tak Ma, Rulan S. Parekh, Seetha Radhakrishnan, Priya Saini, Qian Shen, Rajiv Sinha, Chantida Subun, Sharon Teo, Marina Vivarelli, Hazel Webb, Hong Xu, Hui Kim Yap, and Kjell Tullus

1208 Molecular Characterization of Membranous Nephropathy

Rachel Sealton, Laura Mariani, Carmen Avila-Casado, Viji Nair, Rajasree Menon, Julien Funk, Aaron Wong, Gabriel Lerner, Norifumi Hayashi, Olga Troyanskaya, Matthias Kretzler, and Laurence H. Beck, Jr.

• See related editorial by Fervenza et al. (pp. 1057–1059).

LETTERS TO THE EDITOR

1223 Kidney Histopathology in ANCA-Associated Vasculitides Treated with Plasma Exchange

Marta Casal Moura, Maria José Soler, Sanjeev Sethi, Fernando C. Fervenza, and Ulrich Specks

• See related reply, "Authors' Reply: Kidney Histopathology in ANCA-Associated Vasculitides Treated with Plasma Exchange," on pages 1224–1225, and original article, "Kidney Histopathology Can Predict Kidney Function in ANCA-Associated Vasculitides with Acute Kidney Injury Treated with Plasma Exchange," in Vol. 33, Iss. 3, on pages 628–637.

1224 Authors' Reply: Kidney Histopathology in ANCA-Associated Vasculitides Treated with Plasma Exchange

Dorian Nezam, Raphaël Porcher, François Grolleau, and Benjamin Terrier, on behalf of the French Vasculitis Study Group

• See related letter to the editor, "Kidney Histopathology in ANCA-Associated Vasculitides Treated with Plasma Exchange," on pages 1223–1224, and original article "Kidney Histopathology Can Predict Kidney Function in ANCA-Associated Vasculitides with Acute Kidney Injury Treated with Plasma Exchanges," in Vol. 33, Iss. 3, 628–637.

1226 Unveiling the Role of Additional Histological Parameters in ANCA-Associated Vasculitis

Vincenzo L'Imperio and Fabio Pagni

• See related original article, "Reappraisal of Renal Arteritis in ANCA-Associated Vasculitis: Clinical Characteristics, Pathology, and Outcome," in Vol. 32, Iss. 9, on pages 2362–2374.

ERRATA

1228 Correction: The Impact of Vaccination on Incidence and Outcomes of SARS-CoV-2 Infection in Patients with Kidney Failure in Scotland