

This Month's Highlights

UP FRONT MATTERS

Obituary

- 1127 **In Memoriam: Laurence Elliott Earley, MD**
Robert W. Schrier

Editorials

- 1128 **Knocking Out Podocyte Rho GTPases: And the Winner Is. . .**

Mark A. Lal and Karl Tryggvason

- See related article by Scott et al. (pp. 1149–1154).

- 1130 **The Increasing Complexity of the Intratubular Renin-Angiotensin System**

L. Gabriel Navar, Ryosuke Satou, and Romer A. Gonzalez-Villalobos

- See related article by Matsusaka et al. (pp. 1181–1189).

- 1132 **Renal Nerves and CKD: Is Renal Denervation the Answer?**

Michael H. Humphreys

- See related article by Hering et al. (pp. 1250–1257).

Clinical Commentary

- 1136 **Sodium Chloride Intake: Is Lower Always Better?**

Hiddo Lambers Heerspink and Eberhard Ritz

Brief Review

- 1140 **The Challenge of Hyponatremia**

Horacio J. Adrogué and Nicolaos E. Madias

BRIEF COMMUNICATIONS

- 1149 ★ **Podocyte-Specific Loss of Cdc42 Leads to Congenital Nephropathy**

Rizaldy P. Scott, Steve P. Hawley, Julie Ruston, Jianmei Du, Cord Brakebusch, Nina Jones, and Tony Pawson

- See related editorial by Lal and Tryggvason (pp. 1128–1129).

- 1155 **A Hybrid CFHR3-1 Gene Causes Familial C3 Glomerulopathy**

Talat H. Malik, Peter J. Lavin, Elena Goicoechea de Jorge, Katherine A. Vernon, Kirsten L. Rose, Mitali P. Patel, Marcel de Leeuw, John J. Neary, Peter J. Conlon, Michelle P. Winn, and Matthew C. Pickering

BASIC RESEARCH

- 1161 ★ **Kidney Injury Accelerates Cystogenesis via Pathways Modulated by Heme Oxygenase and Complement**

Juling Zhou, Xiaosen Ouyang, Trenton R. Schoeb, Subhashini Bolisetty, Xiangqin Cui, Sylvie Mrug, Bradley K. Yoder, Martin R. Johnson, Alexander J. Szalai, and Michal Mrug

- 1172 **Protein Kinase G Inhibits Flow-Induced Ca²⁺ Entry into Collecting Duct Cells**

Juan Du, Wei-Yan Wong, Lei Sun, Yu Huang, and Xiaoqiang Yao

- 1181 ★ **Liver Angiotensinogen Is the Primary Source of Renal Angiotensin II**

Taiji Matsusaka, Fumio Niimura, Akihiro Shimizu, Ira Pastan, Akihiko Saito, Hiroyuki Kobori, Akira Nishiyama, and Iekuni Ichikawa

- See related editorial by Navar et al. (pp. 1130–1132).

- 1190 **Calcium Deficiency Reduces Circulating Levels of FGF23**

María E. Rodríguez-Ortiz, Ignacio Lopez, Juan R. Muñoz-Castañeda, Julio M. Martínez-Moreno, Alan Peralta Ramírez, Carmen Pineda, Antonio Canalejo, Philippe Jaeger, Escolastico Aguilera-Tejero, Mariano Rodríguez, Arnold Felsenfeld, and Yolanda Almaden

1198 Natriuretic Peptide Receptor Guanylyl Cyclase-A Protects Podocytes from Aldosterone-Induced Glomerular Injury

Yoshihisa Ogawa, Masashi Mukoyama, Hideki Yokoi, Masato Kasahara, Kiyoshi Mori, Yukiko Kato, Takashige Kuwabara, Hirotaka Imamaki, Tomoko Kawanishi, Kenichi Koga, Akira Ishii, Takeshi Tokudome, Ichiro Kishimoto, Akira Sugawara, and Kazuwa Nakao

1210 Triazolothienopyrimidine Inhibitors of Urea Transporter UT-B Reduce Urine Concentration

Chenjuan Yao, Marc O. Anderson, Jicheng Zhang, Baoxue Yang, Puay-Wah Phuan, and A.S. Verkman

CLINICAL EPIDEMIOLOGY

1221 ★Obesity and Oxidative Stress Predict AKI after Cardiac Surgery

Frederic T. Billings IV, Mias Pretorius, Jonathan S. Schildcrout, Nathaniel D. Mercaldo, John G. Byrne, T. Alp Ikizler, and Nancy J. Brown

CLINICAL RESEARCH

1229 ★Pathology after Eculizumab in Dense Deposit Disease and C3 GN

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1238 ★Mutation Conferring Apical-Targeting Motif on AE1 Exchanger Causes Autosomal Dominant Distal RTA

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1250 Renal Denervation in Moderate to Severe CKD
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• See related editorial by Humphreys (pp. 1132–1135).

1258 Normal and Pathologic Concentrations of Uremic Toxins

Flore Duranton, Gerald Cohen, Rita De Smet, Mariano Rodriguez, Joachim Jankowski, Raymond Vanholder, and Angel Argiles, on behalf of the European Uremic Toxin Work Group

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