This Month’s Highlights

UP FRONT MATTERS

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1041 Just Add Water
Dan Negoianu and Stanley Goldfarb
• See related article by Berl (pp. 1076–1078).

1043 Integrins, Extracellular Matrix, and Terminal Differentiation of Renal Epithelial Cells
Ambra Pozzi and Roy Zent
• See related article by Vijayakumar et al. (pp. 1079–1091).

1045 Notch Signaling: A Common Pathway of Injury in Podocytopathies?
Laura Barisoni
• See related article by Waters et al. (pp. 1139–1157).

1046 Dialysis Dosage in Acute Kidney Injury: Still a Conundrum?
Ravindra L. Mehta and Jose´ e Bouchard
• See related article by Tolwani et al. (pp. 1233–1238).

Occasional Observations

1049 Baumol’s Curse on Medicine
Eric G. Neilson

Clinical Commentary

1054 When Is It Appropriate to Use Vasopressin Receptor Antagonists?
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1059 Resolved: Being Fat Is Good for Dialysis Patients: The Godzilla Effect
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1065 Lipid Abnormalities and Cardiovascular Risk in Renal Disease
Eberhard Ritz and Christoph Wanner

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1071 2007 Young Investigator Award: TRP’ing into a New Era for Glomerular Disease
Michelle P. Winn

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1076 Impact of Solute Intake on Urine Flow and Water Excretion
Tomas Berl
• See related editorial by Negoianu and Goldfarb (pp. 1041–1043).

BASIC RESEARCH

1079 ★ Role of Integrins in the Assembly and Function of Hensin in Intercalated Cells
Soundarapandian Vijayakumar, Hediye Erdjument-Bromage, Paul Tempst, and Qais Al-Awqati
• See related editorial by Pozzi and Zent (pp. 1043–1044).

1092 The Mechanism of Phosphorus as a Cardiovascular Risk Factor in CKD
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1106 IL-6/IL-6R Axis Plays a Critical Role in Acute Kidney Injury
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Red star ★ indicates articles that are features in This Month’s Highlights.
1116 **Tribbles-1 as a Novel Biomarker of Chronic Antibody-Mediated Rejection**

Joanna Ashton-Chess, Magali Giral, Michael Mengel, Karine Renaudin, Yohann Foucher, Wilfried Gwinner, Christophe Braud, Emilie Dugast, Thibaut Quillard, Pamela Thebault, Elise Chiffoleau, Cécile Braudeau, Béatrice Charreau, Jean-Paul Soullillou, and Sophie Brouard

1128 **LRRC50, a Conserved Ciliary Protein Implicated in Polycystic Kidney Disease**

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1139 **Ectopic Notch Activation in Developing Podocytes Causes Glomerulosclerosis**

Aoife M. Waters, Megan Y.J. Wu, Tuncer Onay, Jacob Scutaru, Ju Liu, Corrinne G. Lobe, Susan E. Quaggin, and Tino D. Piscione

* See related editorial by Barisoni (pp. 1045–1046).

1158 **Complement-Mediated Dysfunction of Glomerular Filtration Barrier Accelerates Progressive Renal Injury**

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1168 **Renin-Angiotensin System Blockade Is Renoprotective in Immune Complex–Mediated Glomerulonephritis**

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1177 **CXCL9, but not CXCL10, Promotes CXCR3-Dependent Immune-Mediated Kidney Disease**

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1197 **Oxalobacter formigenes May Reduce the Risk of Calcium Oxalate Kidney Stones**

David W. Kaufman, Judith P. Kelly, Gary C. Curhan, Theresa E. Anderson, Stephen P. Dretler, Glenn M. Preminger, and David R. Cave

1204 **Uric Acid and Incident Kidney Disease in the Community**

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1213 **Role of Remission Clinics in the Longitudinal Treatment of CKD**

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1225 **Long-term Efficacy and Safety of a Calcineurin Inhibitor-free Regimen in Live-Donor Renal Transplant Recipients**

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1233 **Standard versus High-Dose CVVHDF for ICU-Related Acute Renal Failure**


* See related editorial by Mehta and Bouchard (pp. 1046–1048).

1239 **A Bimodal Association of Vitamin D Levels and Vascular Disease in Children on Dialysis**

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