This Month’s Highlights

UP FRONT MATTERS

Editorials
2245 My 15 Minutes of Fame
Stanley Goldfarb

2246 How Many Different Roads May a Cell Walk
down in Order to Become a Fibroblast?
Frank Strutz
• See related article by Zeisberg et al. (pp. 2282–2287).

2248 Occult Hepatitis C Virus Infection in
Hemodialysis
Fabrizio Fabrizi and Paul Martin
• See related article by Barril et al. (pp. 2288–2292).

2250 Should Complement Activation Be a Target
for Therapy in Renal Transplantation?
Neil S. Sheerin
• See related article by Gueler et al. (pp. 2302–2312).

2251 Uric Acid Levels Increase Risk for New-Onset
Kidney Disease
Rajesh Mohandas and Richard J. Johnson
• See related article by Obermayr et al. (pp. 2407–2413).

Brief Reviews
2254 Role of Mast Cells in Progressive Renal
Diseases
Stephen R. Holdsworth and Shaun A. Summers

2262 Chronic Kidney Disease at High Altitude
Andrew M. Luks, Richard J. Johnson, and
Erik R. Swenson

Science in Renal Medicine
2272 Glomerulotubular Balance, Tubuloglomerular
Feedback, and Salt Homeostasis
Scott C. Thomson and Roland C. Blantz

BRIEF COMMUNICATIONS
2277 Intragraft Levels of Foxp3 mRNA Predict
Progression in Renal Transplants with
Borderline Change
Hicham Mansour, Sébastien Homs,
Dominique Desvaux, Cécile Badoual, Karine Dahan,
Marie Matignon, Vincent Audard, Philippe Lang,
and Philippe Grimbert

2282 ★ Fibroblasts in Kidney Fibrosis Emerge via
Endothelial-to-Mesenchymal Transition
Elisabeth M. Zeisberg, Scott E. Potenta,
Hikaru Sugimoto, Michael Zeisberg, and
Raghu Kalluri
• See related editorial by Strutz (pp. 2246–2248).

2288 Occult Hepatitis C Virus Infection among
Hemodialysis Patients
Guillermina Barril, Inmaculada Castillo,
María Dolores Arenas, Mario Espinosa,
Juan García-Valdecasas, Nuria García-Fernández,
Emilio González-Parra, José María Alcazar,
Carmen Sánchez, José Carlos Diez-Baylón,
Pilar Martínez, Javier Bartolomé, and
Vicente Carreño
• See related editorial by Fabrizi and Martin
(pp. 2248–2250).

BASIC RESEARCH
2293 Rap1b GTPase Ameliorates Glucose-Induced
Mitochondrial Dysfunction
Lin Sun, Ping Xie, Jun Wada, Naoki Kashihara,
Fu-you Liu, Yanan Zhao, Deepak Kumar,
Sumant S. Chugh, Farhad R. Danesh, and
Yashpal S. Kanwar

Red star ★ indicates articles that are features in This Month’s Highlights.
Complement 5a Receptor Inhibition Improves Renal Allograft Survival
Faikah Gueler, Song Rong, Wilfried Gwinner, Michael Mengel, Verena Bröcker, Sylvia Schön, Tim Friedrich Greten, Heiko Hawlisch, Thomas Polakowski, Karsten Schnatbaum, Jan Menne, Hermann Haller, and Nelli Shushakova
• See related editorial by Sheerin (pp. 2250–2251).

Matrix Extracellular Phosphoglycoprotein Inhibits Phosphate Transport
Joanne Marks, Linda J. Churchill, Edward S. Debnam, and Robert J. Unwin

Ischemia-Induced Exocytosis of Weibel-Palade Bodies Mobilizes Stem Cells
Mei-Chuan Kuo, Daniel Patschan, Susann Patschan, Leona Cohen-Gould, Hyeong-Cheon Park, Jei Ni, Francesco Addabbo, and Michael S. Goligorsky

IL-18 Contributes to Renal Damage after Ischemia-Reperfusion
Huiling Wu, Melissa L. Craft, Peng Wang, Kate R. Wyburn, Gang Chen, Jin Ma, Brett Hambly, and Steven J. Chadban

FGFR3 and FGFR4 Do not Mediate Renal Effects of FGF23

Pkd1 Inactivation Induced in Adulthood Produces Focal Cystic Disease
Ayumi Takakura, Leah Contrino, Alexander W. Beck, and Jing Zhou

TLR4 Facilitates Translocation of Bacteria across Renal Collecting Duct Cells
Cécilia Chassin, Sophie Vimont, Françoise Cluzeaud, Marcelle Bens, Jean-Michel Goujon, Béatrice Fernandez, Alexandre Hertig, Eric Rondeau, Guillaume Arlet, Mathias W. Homef, and Alain Vandewalle

Zag Expression during Aging Suppresses Proliferation after Kidney Injury
Roland Schmitt, Arnaud Marlier, and Lloyd G. Cantley

Toll-Like Receptor 9 Affects Severity of IgA Nephropathy
Hitoshi Suzuki, Yusuke Suzuki, Ichiei Narita, Masashi Aizawa, Masao Kihara, Takahiro Yamanaka, Tatsuya Kanou, Hiroyasu Tsukaguchi, Jan Novak, Satoshi Horikoshi, and Yasuhiro Tomino

Loss of Vitamin D Receptor Produces Polyuria by Increasing Thirst
Juan Kong, Zhongyi Zhang, Dongdong Li, Kari E. Wong, Yan Zhang, Frances L. Szeto, Mark W. Musch, and Yan Chun Li

Elevated Uric Acid Increases the Risk for Kidney Disease
Rudolf P. Obermayr, Christian Temml, Georg Gutjahr, Maarten Knechtedsformer, Rainer Oberbauer, and Renate Klauser-Braun
• See related editorial by Mohandas and Johnson (pp. 2251–2253).

Chronic Kidney Disease Adversely Influences Patient Safety
Stephen L. Seliger, Min Zhan, Van Doren Hsu, Lori D. Walker, and Jeffrey C. Fink

Antibodies with Dual Reactivity to Plasminogen and Complementary PR3 in PR3-ANCA Vasculitis

Cinacalcet Reduces the Set Point of the PTH-Calcium Curve
Casimiro Valle, Mariano Rodriguez, Rafael Santamaria, Yolanda Almaden, Maria E. Rodriguez, Sagrario Cañadillas, Alejandro Martin-Malo, and Pedro Aljama

Calcineurin Inhibitors Modulate CXCR3 Splice Variant Expression and Mediate Renal Cancer Progression
Dipak Datta, Alan G. Contreras, Martin Grimm, Ana Maria Waaga-Gasser, David M. Briscoe, and Soumitro Pal