REGULAR ARTICLES

**Cell and Transport Physiology**
Peritubular Transport of Ochratoxin A by Single Rabbit Renal Proximal Tubules
*John R. Welborn, Carlotta E. Groves, Stephen H. Wright*
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**Hemodynamics, Hypertension, and Vascular Regulation**
Effect of Endogenous Angiotensin II on Renal Nerve Activity and Its Cardiac Baroreflex Regulation
*Gerald F. DiBona, Susan Y. Jones, Linda L. Sawin*
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**Hormones, Growth Factors, and Cell Signaling**
Linoleyl Hydroperoxide Transcriptionally Upregulates Heme Oxygenase-1 Gene Expression in Human Renal Epithelial and Aortic Endothelial Cells
*Anupam Agarwal, Fumie Shiraishi, Gary A. Visner, Harry S. Nick*
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*Thomas Sitter, Bettina Haslinger, Sonja Mandl, Harald Fricke, Eckhard Held, Alois Sellmayer*
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Epitope-Specific Antibodies to the 43-kD Glomerular Membrane Protein Podoplanin Cause Proteinuria and Rapid Flattening of Podocytes
*Katsuyuki Matsui, Silvana Breiteneder-Geleff, Donscho Kerjaschki*
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Simvastatin Suppresses Glomerular Cell Proliferation and Macrophage Infiltration in Rats with Mesangial Proliferative Nephritis
*Ashio Yoshimura, Kyoko Inui, Takashi Nemoto, Susumu Uda, Youichi Sugenoya, Susumu Watanabe, Naoko Yokota, Takayasu Taira, Shigeki Iwasaki, Terukuni Ideura*
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Glomerular Endothelial Cells Synthesize Collagens but Little Gelatinase A and B
*Oliver Lena, Liliane J. Striker, Terry A. Jacot, Sharon J. Elliot, Paul D. Killen, Gary E. Striker*
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Protective Role of IgA1 Glycans Against IgA1 Self-Aggregation and Adhesion to Extracellular Matrix Proteins
*Tohru Kokubo, Yoshiyuki Hiki, Hitoo Iwase, Atsushi Tanaka, Kazunori Toma, Kyoko Hotta, Yutaka Kobayashi*
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Mycophenolic Acid: A New Approach to the Therapy of Experimental Mesangial Proliferative Glomerulonephritis
*Ruth Ziswiler, Karin Steinmann-Niggli, Andreas Kappeler, Catherine Daniel, Hans-Peter Marti*
2055

*continued on next page*
Mineral Metabolism and Bone Disease
Reduced Expression of the Renal Calcium-Sensing Receptor in Rats with Experimental Chronic Renal Insufficiency

Molecular Medicine, Genetics, and Development
Risk Factors for Long-Term Renal Survival after Renal Transplantation: A Role for Angiotensin-Converting Enzyme (Insertion/Deletion) Polymorphism?
Jan Broekroelofs, Coen A. Stegeman, Gerjan Navis, Adam M. Tegzess, Dick De Zeeuw, Paul E. De Jong

Pathophysiology of Renal Disease
Decrease of Serum Paraoxonase Activity in Chronic Renal Failure
Thierry F. Dantoine, Jean Debord, Jean-Pierre Charmes, Louis Merle, Pierre Marquet, Gérard Lachatre, Claude Leroux-Robert

Glomerulosclerosis in the Remnant Kidney Rat Is Modulated by Dietary α-Tocopherol
Seunghoon Hahn, Nancy B. Kuemmerle, Winnie Chan, Satoshi Hisano, Pablo Saborio, Richard J. Krieg, Jr., James C. M. Chan

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Effects of Dihydropyridine Calcium Channel Blockers, Angiotensin-Converting Enzyme Inhibition, and Blood Pressure Control on Chronic, Nondiabetic Nephropathies
Piero Ruggenenti, Annalisa Perna, Roberto Benini, Giuseppe Remuzzi

Donor and Recipient Family Histories of Hypertension Influence Renal Impairment and Blood Pressure during Acute Rejections
Ettore Guidi, Maria Grazia Cozzi, Enrico Minetti, Giuseppe Bianchi

Diagnosis
Allan J. Collins, Jennie Z. Ma, Edward G. Constantini, Susan E. Everohn

See related editorial by Kimmel and Mishkin

Whole Body Kt/V from Dialysate Urea Measurements during Hemodialysis
Jan Sternby

Low Dialysate [K+] Decreases Efficiency of Hemodialysis and Increases Urea Rebound
George M. Dolon, Horacio J. Adrogue

Transplantation
Beneficial Effects of Treatment of Early Subclinical Rejection: A Randomized Study
David Rush, Peter Nickerson, James Gough, Rachel McKenna, Paul Grimm, Mary Cheang, Kiril Trpkov, Kim Sotes, John Jeffery

Impact of Renal Cadaveric Transplantation on Survival in End-Stage Renal Failure: Evidence for Reduced Mortality Risk Compared with Hemodialysis during Long-Term Follow-Up
Peter Schnuelle, Dietmar Lorenz, Michael Trede, Fokko J. Van Der Woude

Race and Socioeconomic Factors Influencing Early Placement on the Kidney Transplant Waiting List
Bertram L. Kasiske, Wendy London, Mary D. Ellison

continued on next page
REVIEW
Living Unrelated Renal Transplantation: Progress and Potential
Mowaffaq R. Said, John J. Curtis
2148

EDITORIAL
Dialyzer Reuse and the Treatment of Patients with End-Stage Renal Disease by Hemodialysis
Paul L. Kimmel, Gary J. Mishkin
2153

DISEASE OF THE MONTH
Nephropathy of Type-2 Diabetes Mellitus
Piero Ruggenenti, Giuseppe Remuzzi
2157

MILESTONES IN NEPHROLOGY
The Influence of Some Cations on an Adenosine Triphosphatase from Peripheral Nerves
[Skou JC: Biochim Biophys Acta 23: 394–401, 1957 (with comments by Jens Chr. Skou and Joseph F. Hoffman)]
2170

ANNOUNCEMENTS

Cover picture: Electron micrographs illustrating podocyte with flattening of foot processes after injection of complete anti-podoplanin IgG (upper panel), podocyte with normal architecture after injection of Fab fragment of anti-podoplanin IgG (middle panel), and immunogold localization of anti-podoplanin IgG along the subepithelial region of a podocyte (lower panel). For a full description, see the related article in this issue by Katsuyuki Matsui et al., pp 2013–2026.

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