

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 1973

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 1983

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 1990

- Role of Vascular Endothelial Growth Factor on Erythropoietin-Related Endothelial Cell Proliferation
Maria Victoria Alvarez Arroyo, Maria Angeles Castilla, Francisco Román González Pacheco, Dunyong Tan, Amparo Riesco, Santos Casado, Carlos Caramelo 1998

- High Glucose Increases Prostaglandin E₂ Synthesis in Human Peritoneal Mesothelial Cells: Role of Hyperosmolarity
Thomas Sitzer, Bettina Haslinger, Sonja Mandl, Harald Fricke, Eckhard Held, Alois Sellmayer 2005

Immunology and Pathology

- 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 2013

- Simvastatin Suppresses Glomerular Cell Proliferation and Macrophage Infiltration in Rats with Mesangial Proliferative Nephritis
Ashio Yoshimura, Kiyoko Inui, Takashi Nemoto, Susumu Uda, Youichi Sugeno, Susumu Watanabe, Naoko Yokota, Takayasu Taira, Shigeki Iwasaki, Terukuni Ideura 2027

- Glomerular Endothelial Cells Synthesize Collagens but Little Gelatinase A and B
Oliver Lenz, Liliane J. Striker, Terry A. Jacot, Sharon J. Elliot, Paul D. Killen, Gary E. Striker 2040

- 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 2048

- 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

Mineral Metabolism and Bone Disease

Reduced Expression of the Renal Calcium-Sensing Receptor in Rats with Experimental Chronic Renal Insufficiency

Robert S. Mathias, Hiep T. Nguyen, Martin Y.H. Zhang, Anthony A. Portale

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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

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Pathophysiology of Renal Disease

Decrease of Serum Paraoxonase Activity in Chronic Renal Failure

Thierry F. Dantoin, Jean Debord, Jean-Pierre Charmes, Louis Merle, Pierre Marquet, Gérard Lachatre, Claude Leroux-Robert

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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

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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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