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 Sitter, 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, Domscho Kerjaschki 2013

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 2027

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 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

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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 2075

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 2082

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 2089

Clinical Nephrology
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 2096

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 2102

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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
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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)]
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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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