REGULAR ARTICLES

Cell and Transport Physiology

Glycosylation Is Not Essential for Vasopressin-Dependent Routing of Aquaporin-2 in Transfected Madin-Darby Canine Kidney Cells

Ruben Baumgarten, Marjolein H. J. Van De Pol, Jack F. M. Wetzels, Carel H. Van Os, Peter M. T. Deen

Renal Na/H Exchanger NHE-3 and Na-PO₄ Cotransporter NaP₁-2 Protein Expression in Glucocorticoid Excess and Deficient States

Jan Loffing, Marius Löscher, Brigitte Kaisling, Jürg Biber, Heini Murer, Mouin Seikaly, Robert J. Alpern, Moshe Levi, Michel Baum, Orson W. Moe

Dietary Sulfate Regulates the Expression of the Renal Brush Border Na/S₁ Cotransporter NaP₁-1

Daniel Markovich, Heini Murer, Jürg Biber, Khashayar Sakhvaee, Charles Pak, Moshe Levi

Hemodynamics, Hypertension, and Vascular Regulation

Function and Expression of a Novel Rat Salt-Tolerant Protein: Evidence of a Role in Cellular Sodium Metabolism

Emiko Tsuji, Yuji Tsuji, Manabu Sasaguri, Kikuo Arakawa

Evidence Against Elevated Sympathetic Vasoconstrictor Activity in Borderline Hypertension

Hans P. Schobel, Karsten Hewser, Roland E. Schmieder, Roland Veelken, Thorsten Fischer, Friedrich C. Luft

Interactions Between Nitric Oxide and Renal Nerves on Pressure-Diuresis and Natriuresis

Maria Isabel Madrid, Miguel Garcia Salom, Jerónimo Tornel, Erica López, Francisco J. Fenoy

Nitric Oxide Release as an Essential Mitigating Step in Tubuloglomerular Feedback: Observations During Intrarenal Nitric Oxide Clamp

Erika Turkstra, Branko Braam, Hein A. Koomans

Hormones, Growth Factors, and Cell Signaling

Does Dopamine Use Several Signal Pathways to Inhibit Na-P Transport in OK Cells?

Andrew D. Baines, Rosa Drangova

Upregulation of Atrial Natriuretic Peptide Gene Expression in Remnant Kidney of Rats with Reduced Renal Mass

Kazuhito Totsune, Harald S. Mackenzie, Hiroko Totsune, Julia L. Troy, Jonathan Lytton, Barry M. Brenner

Regulation of Nuclear Factor κB by Corticosteroids in Rat Mesangial Cells

Russell B. Auwards, Stuart J. Mudge, Chao-Guang Chen, David A. Power

Differential Regulation of Matrix Metalloproteinases and Their Inhibitors in Human Glomerular Epithelial Cells in Vitro

John Martin, Robert Steadman, Janice Knowelden, John Williams, Malcolm Davies

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Immunology and Pathology
All Four Putative Ligand-Binding Domains in Megalin Contain Pathogenic Epitopes Capable of Inducing Passive Heymann Nephritis

Hajime Yamazaki, Robert Ullrich, Markus Exner, Akihiko Saito, Robert A. Orlando, Dontocho Kerjaschki, Marilyn Gist Farquhar

Mineral Metabolism and Bone Disease
Body Size and Risk of Kidney Stones

Gary C. Curhan, Walter C. Willett, Eric B. Rimm, Frank E. Speizer, Meir J. Stampfer

Molecular Medicine, Genetics, and Development
Association Between the Angiotensin-Converting Enzyme-Insertion/Deletion Polymorphism and Diabetic Nephropathy: A Methodologic Appraisal and Systematic Review

Regina Kunz, Jens P. Bork, Lutz Fritsche, Jens Ringel, Arja M. Sharma

Angiotensin I-Converting Enzyme Gene Polymorphisms: Relationship to Nephropathy in Patients with Non-Insulin Dependent Diabetes Mellitus

Wladyslaw Grzeszczak, Marcin J. Zychma, Beata Lacka, Ewa Zukowska-Szczechowska

Pathophysiology of Renal Disease
Ceramide Accumulation During Oxidant Renal Tubular Injury: Mechanisms and Potential Consequences

Richard A. Zager, D. Scott Conrad, Kristin Burkhart

Plasma Levels of Pentosidine in Diabetic Patients: An Advanced Glycation End Product

Satoshi Sugiyama, Toshio Miyata, Yasuhiko Ueda, Hiroshi Tanaka, Kenji Maeda, Shirou Kawashima, Charles Van Ypersele De Strihou, Kiyoshi Kurokawa

Dialysis
Production of Proinflammatory and Regulatory Monokines in Hemodialysis Patients Shown at a Single-Cell Level

Matthias Girnits, Urban Sester, Harald Kaul, Hans Köhler

Transplantation
Clinical Practice Guidelines: Prevention of Cytomegalovirus Disease After Renal Transplantation

Sarbjit Vanita Jaswal, Janet Mary Roscoe, Jeffrey Steven Zaltzman, Tony Mazzulli, Mel Krajden, Maryann Gadawski, Daniel Cheyne Cattran, Carl Joseph Cardella, Shelley Elizabeth Albert, Edward Herman Cole

BRIEF COMMUNICATION
Antihuman Immunoglobulin Affinity Immunoabsorption Strongly Decreases Proteinuria in Patients with Relapsing Nephrotic Syndrome

Jacques Dantal, Yann Godfrin, Robert Koll, Sabine Perretto, Jeanne Naullet, Jean-François Boubours, Jean-Paul Soulillou

REVIEWS
Novel Angiotensin Peptides Regulate Blood Pressure, Endothelial Function, and Natriuresis

Carlos M. Ferrario, Mark C. Chappell, Richard H. Dean, Shridhar N. Iyer

β-2 Microglobulin in Renal Disease

Toshio Miyata, Michel Jadoul, Kiyoshi Kurokawa, Charles Van Ypersele De Strihou

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DISEASE OF THE MONTH

Alport Syndrome and Thin Glomerular Basement Membrane Disease

Clifford E. Kashtan

MILESTONES IN NEPHROLOGY


ANNOUNCEMENTS

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