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-P04 Cotransporter Np1-2 Protein Expression in Glucocorticoid Excess and Deficient States

*Jan Loffing, Marius L"oscher, Brigitte Kaissling, 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/S Cotransporter NaS1-1

*Daniel Markovich, Heini Murer, Jürg Biber, Khashayar Sakhaee, 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 Eser, Akihiko Saito, Robert A. Orlando, Dotscho 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, Arya M. Sharma

Angiotensin I-Converting Enzyme Gene Polymorphisms: Relationship to Nephropathy in Patients with Non-Insulin Dependent Diabetes Mellitus
Władysław Grzeszczyk, 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 Matada, 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 Girndt, Urban Sester, Harald Kaul, Hans Köhler

Transplantation

Clinical Practice Guidelines: Prevention of Cytomegalovirus Disease After Renal Transplantation
Sarbjit Vanita Jassal, Janet Mary Roscoe, Jeffrey Steven Zaltzman, Tony Mazzulli, Mel Kraijden, Maryann Gadawski, Daniel Cheyne Cattran, Carl Joseph Cardella, Shelley Elizabeth Albert, Edward Herman Cole

BRIEF COMMUNICATION

Antihuman Immunoglobulin Affinity Immunosorption 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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