

REGULAR ARTICLES

Cell and Transport Physiology

Early Effect of Aldosterone on the Rate of Synthesis of the Epithelial Sodium Channel α Subunit in A6 Renal Cells

Anne May, Alessandro Puoti, Hans-Peter Gaeggeler, Jean-Daniel Horisberger, Bernard C. Rossier

1813

Localization of ROMK Channels in the Rat Kidney

Patricia A. Mennitt, James B. Wade, Carolyn A. Ecelbarger, Lawrence G. Palmer, Gustavo Frindt

1823

Hemodynamics, Hypertension, and Vascular Regulation

Potential Role of Luminal Potassium in Tubuloglomerular Feedback

Volker Vallon, Hartmut Oswald, Roland C. Blantz, Scott Thomson

1831

Immunology and Pathology

A Role for P-Selectin in Neutrophil and Platelet Infiltration in Immune Complex Glomerulonephritis

Charles R. Zachem, Charles E. Alpers, William Way, Stuart J. Shankland, William G. Couser, Richard J. Johnson

1838

Cytokines and Fas Regulate Apoptosis in Murine Renal Interstitial Fibroblasts

Alberto Ortiz, Corina Lorz, Silvia González-Cuadrado, Raimundo Garcia Del Moral, Francisco O'Valle, Jesús Egido

1845

Molecular Medicine, Genetics, and Development

Mutations in the Vasopressin V2 Receptor and Aquaporin-2 Genes in 12 Families with Congenital Nephrogenic Diabetes Insipidus

Rosa Vargas-Poussou, Lionel Forestier, Marie Dominique Dautzenberg, Patrick Niaudet, Michèle Déchaux, Corinne Antignac

1855

Arginine Vasopressin Secretion with Mutants of Wild-Type and Brattleboro Rats AVP Gene

Jin K. Kim, Sandra N. Summer, William M. Wood, Jerry L. Brown, Robert W. Schrier

1863

Pathophysiology of Renal Disease

Estrogen Replacement During Hypoalbuminemia May Enhance Atherosclerotic Risk

Jaap A. Joles, Caspaar Bijleveld, Arie Van Tol, Math J. H. Geelen, Hein A. Koomans

1870

Verocytotoxin Inhibits Mitogenesis and Protein Synthesis in Purified Human Glomerular Mesangial Cells Without Affecting Cell Viability: Evidence for Two Distinct Mechanisms

Petra A. Van Setten, Victor W. M. Van Hinsbergh, Lambert P. W. J. Van Den Heuvel, Thea J. A. N. Van Der Velden, Nicole C. A. J. Van De Kar, Raymond J. M. Krebbers, Mohammed A. Karmali, Leo A. H. Monnens

1877

Clinical Nephrology

- Apolipoprotein B, Fibrinogen, HDL Cholesterol, and Apolipoprotein(a) Phenotypes Predict Coronary Artery Disease in Hemodialysis Patients
Michael Koch, Bernd Kutzkuhn, Evi Trenkwalder, Dieter Bach, Bernd Grabensee, Hans Dieplinger, Florian Kronenberg 1889

Dialysis

- Metabolic Consequences of Folate-Induced Reduction of Hyperhomocysteinemia in Uremia
Alessandra F. Perna, Diego Ingrosso, Natale G. De Santo, Patrizia Galletti, Massimiliano Brunone, Vincenzo Zappia 1899
- Total Body Water and Body Composition in Chronic Peritoneal Dialysis Patients
Walid Arkouche, Denis Fouque, Christiane Pachiaudi, Sylvie Normand, Martine Laville, Ehsan Delawari, Jean-Paul Riou, Jules Traeger, Maurice La Ville 1906
- Hyaluronan Decreases Peritoneal Fluid Absorption in Peritoneal Dialysis
Tao Wang, Chi Chen, Olof Heimbürger, Jacek Waniewski, Jonas Bergström, Bengt Lindholm 1915
- Anemia in Hemodialysis Patients: Variables Affecting this Outcome Predictor
François Madore, Edmund G. Lowrie, Carlo Brugnara, Nancy L. Lew, J. Michael Lazarus, Kenneth Bridges, William F. Owen 1921

Transplantation

- Evaluation of Pathologic Criteria for Acute Renal Allograft Rejection: Reproducibility, Sensitivity, and Clinical Correlation
Robert B. Colvin, Arthur H. Cohen, Cynthia Saiontz, Stephen Bonsib, Melissa Buick, Barbara Burke, Shelly Carter, Tito Cavallo, Mark Haas, Anne Lindblad, J. Carlos Manivel, Cynthia C. Nast, Daniel Salomon, Casey Weaver, Mark Weiss 1930

BRIEF COMMUNICATIONS

- Family History of End-Stage Renal Disease among Incident Dialysis Patients
Barry I. Freedman, J. Michael Soucie, William M. McClellan 1942
- Blood Flow Limitations of Solute Transport Across the Visceral Peritoneum
Michael Kim, Joanne Lofthouse, Michael F. Flessner 1946

DISEASE OF THE MONTH

- Congenital Nephrogenic Diabetes Insipidus
Daniel G. Bichet, Alexander Oksche, Walter Rosenthal 1951

MILESTONES IN NEPHROLOGY

- The Artificial Kidney: A Dialyzer with a Great Area [*Kolff WJ, Berk HTH, ter Welle M, van der Ley AJW, van Dijk EC, van Noordwijk J: Acta Med Scand CXVII:121-134, 1944 (with comments by Willem J. Kolff and Frank A. Gotch)*] 1959

AMERICAN RENAL TRAINING CENTERS SERIES

- Glomerulomegaly and Proteinuria in a Patient with Idiopathic Pulmonary Hypertension
Fabrizia Faustinella, Christian Uzoh, David Sheikh-Hamad, Luan D. Truong, Juan J. Olivero 1966
- Subacute Bacterial Endocarditis Masquerading as Type III Essential Mixed Cryoglobulinemia
Anil Agarwal, John Clements, Daniel D. Sedmak, David Imler, N. Stanley Nahman Jr., David A. Orsinelli, Lee A. Hebert 1971

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