

**REGULAR ARTICLES**

**Cell and Transport Physiology**

Early Effect of Aldosterone on the Rate of Synthesis of the Epithelial Sodium Channel  $\alpha$  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

<b>ANNOUNCEMENTS</b>	1977
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