

REGULAR ARTICLES

Cell and Transport Physiology

- Expression of the Conjugate Export Pump Encoded by the *mrp2* Gene in the Apical Membrane of Kidney Proximal Tubules
Thomas P. Schaub, Jürgen Kartenbeck, Jörg König, Olga Vogel, Ralph Witzgall, Wilhelm M. Kriz, Dietrich Keppler 1213

- Organic Anion Secretion in Polycystic Kidney Disease
George A. Tanner, Norbert Gretz, Youzhi Shao, Andrew P. Evan, Michael Steinhausen 1222

Hemodynamics, Hypertension, and Vascular Regulation

- Reflex Influences on Renal Nerve Activity Characteristics in Nephrosis and Heart Failure
Gerald F. Dibona, Susan Y. Jones, Linda L. Sawin 1232

Hormones, Autacoids, and Growth Factors

- Sex Hormones and Renal Nitric Oxide Synthases
Joel Neugarten, Qing Ding, Alan Friedman, Jun Lei, Sharon Silbiger 1240

- HDL Causes Mesangial Cell Mitogenesis Through a Tyrosine Kinase-Dependent Receptor Mechanism
Nikita I. Neverov, George A. Kaysen, Richard Nuccitelli, Robert H. Weiss 1247

Immunology and Pathology

- Antigen-Antibody Complexes Enhance the Production of Complement Component C3 by Human Mesangial Cells
Janneke J. Timmerman, Daniëlle J. Van Gijlswijk-Janssen, Sandra W. Van Der Kooij, Leendert A. Van Es, Mohamed R. Daha 1257

- Platelet-Activating Factor Stimulates Gene Expression and Synthesis of Matrix Proteins in Cultured Rat and Human Mesangial Cells: Role of TGF- β
Marta Ruiz-Ortega, Raquel Largo, Carmen Bustos, Dulcenombre Gómez-Garre, Jesús Egido 1266

Pathophysiology of Renal Disease

- High Glucose Inhibits Nitric Oxide Production in Cultured Rat Mesangial Cells
Howard Trachtman, Stephen Futterweit, Dan L. Crimmins 1276

- Aggravation of Polycystic Kidney Disease in Han:SPRD Rats by Buthionine Sulfoximine
Vicente E. Torres, Rose J. Bengal, Robert D. Litwiler, David M. Wilson 1283

Clinical Nephrology

- Left Ventricular Hypertrophy in Autosomal Dominant Polycystic Kidney Disease
Arlene B. Chapman, Ann M. Johnson, Susan Rainguet, Kenneth Hossack, Patricia Gabow, Robert W. Schrier 1292

Intracranial Arterial Dolichoectasia in Autosomal Dominant Polycystic Kidney Disease
Wouter I. Schievink, Vicente E. Torres, David O. Wiebers, John Huston III 1298

Dialysis

Impact of Increasing Dialysis Volume on Adequacy Targets: A Prospective Study
John Harty, Helen Boulton, Mike Venning, Ram Gokal 1304

Commonly Prescribed Salt Intake in Continuous Ambulatory Peritoneal Dialysis Patients Is Too Restrictive: Results of a Double-Blind Crossover Study
Adrian Fine, Bunny Fontaine, Madge Ma 1311

Impaired Delivery of Hemodialysis Prescriptions: An Analysis of Causes and an Approach to Evaluation
Daniel W. Coyne, James Delmez, Gary Spence, David W. Windus 1315

Transplantation

Angiotensin-Converting Enzyme Genotype and Renal Allograft Survival
Joachim Beige, Sabine Scherer, Angela Weber, Stefan Engeli, Gerd Offermann, Gerhard Opelz, Armin Distler, Arya M. Sharma 1319

DISEASE OF THE MONTH

Immunoglobulin A Nephropathy: A Clinical Perspective
James V. Donadio, Jr., Joseph P. Grande 1324

MILESTONES IN NEPHROLOGY

Familial Hypothalamic Diabetes Insipidus in Rats (Brattleboro Strain) [Valtin H, Schroeder HA: *Am J Physiol* 206:425–430, 1964 (with comments by H. Valtin and R. W. Schrier)] 1333

AMERICAN RENAL TRAINING CENTERS SERIES

Risk of Fatal Cerebrovascular Accident in Patients on Peritoneal Dialysis *versus* Hemodialysis
Joseph Mattana, Charles Effiong, Romesh Gooneratne, Pravin C. Singhal 1342

Acute Renal Failure Due to Lymphomatous Infiltration of the Kidneys
Gregorio T. Obrador, Barbara Price, Yvonne O'Meara, David J. Salant 1348

ANNOUNCEMENTS

ATTENTION ALL MANUSCRIPT CONTRIBUTORS The Journal of the American Society of Nephrology will assess excess page charges on articles and brief communications that exceed four pages in length at a charge of \$60.00 per printed page. Invited reviews, editorials, and special features will be exempt.

The Journal of the American Society of Nephrology, ISSN 1046-6673, is the official journal of the American Society of Nephrology and is published 13 times a year, bimonthly in September, by Williams & Wilkins, 351 West Camden St., Baltimore, MD 21201-2436. Periodicals postage paid at Baltimore, MD and at additional mailing offices. Subscription rates: \$255 U.S. (\$330 for delivery to other countries); institutions: \$359 U.S. (\$434 for delivery to other countries); in-training: \$102 U.S. (\$172 for delivery to other countries); single copy: \$32 (\$38 foreign). Subscription prices subject to change. Annual dues include \$70 for journal subscription. To order, call 1-800-638-6423 from anywhere in the U.S. In Maryland, call 1-800-638-4007. The GST number for Canadian subscribers is 123394371. C.P.C. International Publication Mail Number 0953814. Country of origin: USA. POSTMASTER: Send address changes to the Journal of the American Society of Nephrology, 351 West Camden St., Baltimore, MD 21201-2436. The Journal has been indexed by CURRENT CONTENTS/CLINICAL MEDICINE, CURRENT CONTENTS/LIFE SCIENCES, INDEX MEDICUS, BIOSIS, and EXCERPTA MEDICA. Copyright © 1997 by the American Society of Nephrology.