

EDITORIAL REVIEWS

How Tonicity Regulates Gene Expression
Maurice B. Burg, Arlyn Garcia-Perez 121

Phospholipase A₂ and Signal Transduction
Joseph V. Bonventre 128

Remnant Kidney Oxygen Consumption: Hypermetabolism or Hyperbole?
R. Michael Culpepper, Anton C. Schoolwerth 151

AMERICAN RENAL TRAINING CENTERS

Growth Hormone and the Kidney: A Case Presentation and Review of the Literature
Michael H. O'Shea, Daniel T. Layish 157

POINT OF VIEW

In Renal Transplantation, One Size May Not Fit All
Barry M. Brenner, Robert A. Cohen, Edgar L. Milford 162

ARTICLES

Characterization of Cholinergic Receptors in Madin-Darby Canine Kidney Cells
Dagmara Mohuczy-Dominiak, Lal C. Garg 170

Effect of Erythropoietin on Hematocrit and Blood Pressure in Normotensive and Hypertensive Rats
Martin Muntzel, Thierry Hannedouche, Bernard Lacour, Tilman Drüeke 182

Effect of Dietary Potassium Chloride in Borderline Hypertensive Rats
Gerald F. DiBona, Susan Y. Jones 188

Endothelin in a Model of Acute Ischemic Renal Dysfunction: Modulating Action of Atrial Natriuretic Factor
Evan K. Sandok, Amir Lerman, Andrew J. Stingo, Mark A. Perrella, Peter Gloviczki, John C. Burnett, Jr. 196

Interleukin-1-Induced Alterations in Glomerular Proteoglycans: Biochemical and Tissue Autoradiographic Aspects
Naoki Kashihara, Yuzo Watanabe, Hirofumi Makino, Yashpal S. Kanwar 203

Determination of Glomerular Size-Selectivity in the Normal Rat With Ficoll
James D. Oliver III, Sharon Anderson, Julia L. Troy, Barry M. Brenner, William M. Deen 214

Large Glomerular Size in Pima Indians: Lack of Change With Diabetic Nephropathy
Karen Schmidt, Carlo Pesce, Quanzhi Liu, Robert G. Nelson, Peter H. Bennett, Heinz Karnitschnig, Liliane J. Striker, Gary E. Striker 229

continued

JASN Journal of the American Society of Nephrology, ISSN 1046-6673, is the official journal of the American Society of Nephrology and is published monthly by Williams & Wilkins, 428 E. Preston St., Baltimore, MD 21202. Application to mail second class postage paid at Baltimore, MD and at additional mailing offices. Subscription rates: \$110.00 (\$150.00 foreign), institutions: \$160.00 (\$200 foreign), in-training \$50.00 (\$90.00 foreign), single copy \$14.00 (\$16.00 foreign). Subscription prices subject to change. Annual dues include \$60.00 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. POSTMASTER: Send address changes to the *Journal of the American Society of Nephrology*, 428 E. Preston St., Baltimore, MD 21202. *JASN* has been indexed by CURRENT CONTENTS/CLINICAL MEDICINE INDEX MEDICUS, BIOSIS. Copyright © 1992 by the American Society of Nephrology.

Regulation of Platelet Clearance Receptors for Atrial Natriuretic Peptide in Diabetic Nephropathy Sima Canaan-Kuhl, Lilla Parra-Roide, Joan W. Bialek, Rex L. Jamison, Bryan D. Myers	236
Sequential Tubular Cell and Basement Membrane Changes in Polycystic Kidney Disease Frank A. Carone, Sakie Nakamura, Phaibul Punyarit, Yashpal S. Kanwar, W. James Nelson	244
Severe Hypercholesterolemia Inhibits Cyclosporin A Efficacy in a Dose-Dependent Manner in Children with Nephrotic Syndrome Elizabeth Ingulli, Amir Tejani	254
 CONCISE REPORTS	
Congenital Nephrotic Syndrome: Preemptive Bilateral Nephrectomy and Dialysis Before Renal Transplantation Melanie S. Kim, William Primack, William E. Harmon	260
Absence of H⁺-ATPase in Cortical Collecting Tubules of a Patient With Sjogren's Syndrome and Distal Renal Tubular Acidosis Eric P. Cohen, Bahar Bastani, Miriam R. Cohen, Stuart Kolner, Phillip Hemken, Stephen L. Gluck	264
ANNOUNCEMENTS	272
ACKNOWLEDGMENT OF MANUSCRIPT CONSULTANTS	278

ERRATUM

The supplement to *JASN* June, Volume 2, Number 12, "Clinical Challenges in Pediatric Renal Transplantation," contained papers that resulted from a workshop which was held April 17-18, 1991, in Boston, MA, and was supported by an Educational Grant from Sandoz Pharmaceuticals Corporation, East Hanover, NJ. The credit on the table of contents for that issue incorrectly read as Sandoz, Inc., Minneapolis, MN. Waverly Press regrets this error.