REVIEW
Ammonium Transport in the Kidney: New Physiological Concepts and Their Clinical Implications
Thomas D. DuBose, Jr., David W. Good, L. Lee Hamm, Susan M. Wall ............................................. 1193

ARTICLES
Differentiation of Cytomegalovirus Infection From Acute Rejection Using Renal Allograft Fine Needle
Aspirates
Cynthia C. Nast, Alan Wilkinson, J. Thomas Rosenthal, Lily Barba, Peter N. Brestan, Patrice Beaumont,
Gabriel M. Danovitch .................................................. 1204
Cyclosporine-Induced Renal Dysfunction: Correlations Between Cellular Events and Whole Kidney
Function
William M. Bennett, Donald C. Houghton, William C. Buss .......................................................... 1212
Effect of myo-Inositol on Cell Proliferation and Collagen Transcription and Secretion in Proximal Tubule
Cells Cultured in Elevated Glucose
Fuad N. Ziyadeh, David A. Simmons, Edward R. Snipes, Stanley Goldfarb ........................................ 1220
Effects of Dietary Protein Intake on Muscle Protein Synthesis and Degradation in Rats with Gentamicin-
Induced Acute Renal Failure
Radhakrishna Baliga, Sudhir V. Shah .................................................. 1230
The Beneficial Effects of Thyroxine on Nephrotoxic Acute Renal Failure in the Rat
Ulrich F. Michael, Joy L. Logan, Laurence A. Meeks .................................................. 1236
The Glomerulopathy of Homozygous Sickle Hemoglobin (SS) Disease: Morphology and Pathogenesis
Dinay B. Bhatia, James H. Sondheimer .................................................. 1241

CONCISE REPORT
Cyclosporine Promotes Glomerular Endothelin Binding In Vivo
Midori Awazu, Masanori Sugihara, Tadashi Inagami, Iskun Ichikawa, Valentina Kon ............................................. 1253

LETTERS TO THE EDITOR
Effect of Dietary Chloride Intake and the Ability of the Kidney to Excrete a Base Load
Colman, Reo Krapf, R. Curtis Morris, Anthony Sebastian .................................................. 1259

ANNOUNCEMENTS .................................................. 1262

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 rates is pending at Baltimore, MD and at additional mailing offices. Subscription rates:
$110.00 ($150.00 foreign, $202.00 Japan); institutions: $160.00 ($200 foreign, $252.00 Japan); in-training $50.00
($90.00 foreign, $142.00 Japan); single copy $14.00 ($16.00 foreign). Subscription prices subject to change. Annual
dues include $80.00 for journal subscription. To order, call 1-800-638-4007. Japanese yen price is available from our sole agent USACO Corporation, 13-12, Shimbashi I-Chome, Minato-Ku, Tokyo 105, Japan, telephone 03-502-6471. POSTMASTER: Send address changes to the Journal
of the American Society of Nephrology, 428 E. Preston St., Baltimore, MD 21202. JASN has been submitted to
CURRENT CONTENTS for acceptance. Copyright © 1991 by the American Society of Nephrology.