REGULAR ARTICLES

Cell Biology
Ultrastructural Localization of Osteopontin in the Kidney: Induction by Lipopolysaccharide
   Kirsten M. Madsen, Li Zhang, Abdel-Raouf Abu Shamat, Sylvia Siegfried, Jung-Ho Cha
   1043

Hemodynamics, Hypertension, and Vascular Regulation
ET\(_A\) Receptor Blockade Prevents Hypertension Associated with Exogenous Endothelin-1 but Not Renal Mass Reduction in the Rat
   David M. Pollock, James S. Polakowski
   1054

Renal Protection by a Dual ET\(_A\)/ET\(_B\) Endothelin Antagonist, L-754,142, after Aortic Cross-Clamping in the Dog
   Stephen M. Krause, Thomas F. Walsh, William J. Greenlee, Robert Ranaei, David L. Williams Jr., Salah D. Kivlighn
   1061

Hormones, Autacoids, and Growth Factors
Angiotensinogen Gene Expression Is Stimulated by the cAMP-Responsive Element Binding Protein in Opossum Kidney Cells
   Jing-Fang Qian, Tian-Tian Wang, Xiao-Hua Wu, Jie Wu, Chang Ge, Siloana Lachance, Serge Carriere, John S. D. Chan
   1072

Calcium-Regulated Protein Tyrosine Phosphorylation Is Required for Endothelin-1 to Induce Prostaglandin Endoperoxide Synthase-2 mRNA Expression and Protein Synthesis in Mesangial Cells
   Emanuel J. Coroneos, Mark Kester, Jacques Maclouf, Patrick Thomas, Michael J. Dunn
   1080

Immunology and Pathology
Neutrophil Superoxide Release Is Required for Spontaneous and FMLP-Mediated but Not for TNF\(\alpha\)-Mediated Apoptosis
   Ralph Ketttritz, Ronald J. Falk, J. Charles Jennette, Marcia L. Gaido
   1091

Th2 Responses Induce Humorally Mediated Injury in Experimental Anti-Glomerular Basement Membrane Glomerulonephritis
   Xiao Ru Huang, Stephen R. Holdsworth, Peter G. Tipping
   1101

Preservation of Intercalated Cell H\(^+\)-ATPase in Two Patients with Lupus Nephritis and Hyperkalemic Distal Renal Tubular Acidosis
   Bahar Bastani, David Underhill, Nelson Chu, Raoul D. Nelson, Lukas Haragim, Stephen Gluck
   1109

Molecular Medicine, Genetics, and Development
Mutation in Mitochondrial tRNA\(^{\text{Leu(UUR)}}\) Gene Associated with Progressive Kidney Disease
   1118

continued on next page
Pathophysiology of Renal Disease
Prevention of Radiocontrast-Induced Nephropathy by Adenosine Antagonists in Rats with Chronic Nitric Oxide Deficiency
Christiane M. Erley, Nils Heyne, Klaus Burgert, Jürgen Langanke, Teut Rider, Hartmut Osswald
Enhanced Collagen Synthesis in Cultured Skin Fibroblasts from Insulin-Dependent Diabetic Patients with Nephropathy
Roberto Trevisan, Jeannie Yip, Leda Sarika, Lai Kuen Li, Giancarlo Viberti

Clinical Nephrology
Effect of Angiotensin-Converting Enzyme Inhibition in HIV-Associated Nephropathy
Godfrey C. Burns, Subir K. Paul, Ilona R. Toth, Steven L. Sivak

Dialysis
Long-Term Effects of Erythropoietin Therapy on Fistula Stenosis and Plasma Concentrations of PDGF and MCP-1 in Hemodialysis Patients
Sergio De Marchi, Emanuela Cecchin, Edmondo Falletti, Roberta Giacomello, Giuliana Stel, Grazia Sepiacci, Nadia Bortolotti, Fabrizia Zanello, Fabio Gonano, Ettore Bartoli
Favorable Effect of Hemodialysis on Decreased Serum Antioxidant Activity in Hemodialysis Patients Demonstrated by Electron Spin Resonance
Sohji Nagase, Kazumasa Aoyagi, Aki Hirayama, Michibiro Gotoh, Atsushi Ueda, Chie Tomida, Takao Kamekazi, Yasushi Nagai, Hiroshi Kikuchi, Akio Koyama

Transplantation
Impact of Pretransplantation GB Virus C Infection on the Outcome of Renal Transplantation
Bhamidipati V. R. Murthy, A. Scott Muerhoff, Suresh M. Desai, Julie Yamaguchi, Isa K. Mushahwar, Christopher H. Schmid, Andrew S. Levey, Brian J. G. Pereira

BRIEF COMMUNICATION
Suppression of Anti-Glomerular Basement Membrane Nephritis by Administration of Anti-Monocyte Chemoattractant Protein-1 Antibody in WKY Rats
Hidehiko Fujinaka, Tadashi Yamamoto, Motohiro Takeya, Lili Feng, Katsutoshi Kawasaki, Eishin Yaoita, Daisuke Kondo, Curtis B. Wilson, Makoto Uchiyama, Itaru Kihara

DISEASE OF THE MONTH
Hypokalemia—Consequences, Causes, and Correction
I. David Weiner, Charles S. Wingo

MILESTONES IN NEPHROLOGY
Mesangial Lupus Nephritis with Associated Nephrotic Syndrome
Nijo Stankeviciute, Wellington Jao, Asad Bakir, James P. Lash

Propythiouracil-Induced Diffuse Proliferative Lupus Nephritis: Review of Immunological Complications
G. V. Ramesh Prasad, Sheldon Bassacky, John P. Johnson

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 monthly 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 subscribes 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.