

EDITORIAL

Renal Pain in Polycystic Kidney Disease: When the Hurt Won't Stop
Jared J. Grantham 1161

EDITORIAL REVIEW

Evolving Role of Growth Factors in the Renal Response to Acute and Chronic Disease
Leon G. Fine, Marc R. Hammerman, Hanna E. Abboud 1163

ARTICLES

Growth Hormone and Renal Glutamine and Glutamate Handling
T.C. Welbourne, K. Horton, M.J. Cronin 1171

Progression of Chronic Renal Failure on Substituting a Ketoacid Supplement for an Amino Acid Supplement
Mackenzie Walsler, Sylvia Hill, Lynne Ward 1178

Spontaneous Changes in the Rate of Decline in Reciprocal Serum Creatinine: Errors in Predicting the Progression of Renal Disease from Extrapolation of the Slope
Bharat V. Shah, Andrew S. Levey 1186

Specificity of Basolateral Organic Anion Exchanger in Proximal Tubule for Cellular and Extracellular Solutes
Lawrence P. Sullivan, Jared J. Grantham 1192

Tubular Resistance to Furosemide Contributes to the Attenuated Diuretic Response in Nephrotic Rats
K.A. Kirchner, J.R. Voelker, D.C. Brater 1201

Fluid Transport in a Cultured Cell Model of Kidney Epithelial Cyst Enlargement
George A. Tanner, Michele R. Maxwell, James A. McAteer 1208

Cyst Decompression Surgery for Autosomal Dominant Polycystic Kidney Disease
Lawrence W. Elzinga, John M. Barry, Vicente E. Torres, Horst Zincke, Heinz W. Wahner, Suzanne Swan, William M. Bennett 1219

Antineutrophil-Cytoplasmic Antibodies and Antiglomerular Basement Membrane Antibodies in Goodpasture's Syndrome and in Wegener's Granulomatosis
Manfred F.A. Weber, Konrad Andrassy, Oliver Pullig, Janti Koderisch, Kai Netzer 1227

Nephrologists' Experience with and Attitudes Towards Decisions to Forego Dialysis
Peter A. Singer, The End-Stage Renal Disease Network of New England 1235

Effect of Captopril on the Release of the Components of the Renin-Angiotensin System into Plasma and Lymph
Christopher S. Wilcox, Victor J. Dzau 1241

Platelet-Activating Factor Biosynthesis by Cultured Mesangial Cells Is Modulated by Proteinase Inhibitors
Luigi Biancone, Ciro Tetta, Ernesto Turello, Giuseppe Montrucchio, Eugenio Luigi Iorio, Luigi Servillo, Ciro Balestrieri, Giovanni Camussi 1251

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 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.