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 Walser, 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 Andressy, Oliver Pulig, Janit 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 Tetto, Ernesto Turello, Giuseppe Montrucchio, Eugenio Luigi Iorio, Luigi Servillo, Ciro Balestrieri, Giovanni Camussi ......................................................... 1251

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