CONTENTS

Vol. 3, No. 5  November 1992

EDITORIAL REVIEWS

Is Continuous Ambulatory Peritoneal Dialysis Adequate Long-Term Therapy for End-Stage Renal Disease? A Critical Assessment
J.A. Diaz-Buxo .......................................................... 1039

The Roles of Cell Ca²⁺, Protein Kinase C, and the Na⁺-H⁺ Antiport in the Development of Hypertension and Insulin Resistance
Abraham Aviv .......................................................... 1049

Insulin Resistance, Hyperinsulinemia, and Obesity-Associated Hypertension
Michael W. Brands, John E. Hall ............................................ 1064

Effects of Hyperglycemia on Glucose Transporters of the Muscle: Use of the Renal Glucose Reabsorption Inhibitor Phlorizin To Control Glycemia
Dimitrios Dimitrakouidis, Miljen Vrancic, Amira Klip ........................................ 1078

AMERICAN RENAL TRAINING CENTERS

Unusual Causes of Peritonitis in Patients Undergoing Continuous Peritoneal Dialysis With Emphasis on Listeria monocytogenes
Norman M. Lunde, Joseph M. Messana, Richard D. Swartz ........................................ 1092

ARTICLES

Extrarenal Clearance of Oxalate Increases With Progression of Renal Failure in the Rat
Jeremiah F. Costello, Mark Smith, Carol Stolarski, Marc J. Sadovnick ........................................ 1098

Acute Unilateral Nephrectomy Elicits a Specific Increase in Plasma of Peptides Derived From the N-Terminal Region of Proopiomelanocortin
Changbin Qi, Jean-Pierre Valentin, Xiao-Wen Chen, Eckehart Wiedemann, Michael H. Humphreys .......................... 1105

Effect of Epidermal Growth Factor in the Rat % Renal Ablation Model
David W. Moskowitz, Ari N. Schneider, Pascale H. Lane, Paul G. Schmitz, Kathleen N. Gillespie ........................................ 1113

The Effect of Uninephrectomy on Progression of Renal Failure in Autosomal Dominant Polycystic Kidney Disease
Martin Zeier, Steffen Geberth, Ana Gonzalez, Dominique Chauveau, Jean Pierre Grünfeld, Eberhard Ritz ........................................ 1119

Stimulation of Na⁺/H⁺ Exchange Is Not Required for Induction of Hypertrophy of Renal Cells In Vitro
Marija Mackovic-Basic, Leon G. Fine, Jill T. Norman, Edward J. Cragoe, Jr., Ira Kurz ........................................ 1124

Vasoactive Substances Induce Cytoskeletal Changes in Cultured Rat Glomerular Epithelial Cells
Ram Sharma, Helen B. Lovell, Thomas B. Wiegmann, Virginia J. Savin ........................................ 1131

Continued
Vol. 3, No. 5  November 1992

Chronology of Cellular Events Leading to Derangements in Function of Pancreatic Islets in Chronic Renal Failure
Edi Levi, George Z. Fadda, Prasert Thanakitcharu, Shaul G. Massry .................................................. 1139

Comparison of Continuous Ambulatory Peritoneal Dialysis and Hemodialysis Patient Survival With Evaluation of Trends During the 1980s
Christopher B. Nelson, Friedrich K. Port, Robert A. Wolfe, Kenneth E. Guire ........................................ 1147

Increased Lipoprotein(a) Concentrations in Chronic Renal Failure
Steven M. Haffner, Katherine K. Gruber, Gilbert Aldrete, Jr., Philip A. Morales, Michael P. Stern, Katherine R. Tuttle .................................................. 1156

Clusterin Production in the Obstructed Rabbit Kidney: Correlations With Loss of Renal Function

Interaction of Complement and Clusterin in Renal Injury
Ricardo Correa-Rotter, Thomas H. Hostetter, Karl A. Nath, J. Carlos Manivel, Mark E. Rosenberg ........... 1172

CONCISE REPORT

Expression of Vascular Cell Adhesion Molecule-1 in Human Renal Allografts
David M. Briscoe, Jordan S. Pober, William E. Harmon, Ramzi S. Cotran .................................................. 1180

ANNOUNCEMENTS .................................................. 1186