REGULAR ARTICLES

Cell and Transport Physiology
Expression of the Conjugate Export Pump Encoded by the mrp2 Gene in the Apical Membrane of Kidney Proximal Tubules
Thomas P. Schaub, Jürgen Kartenbeck, Jörg König, Olga Vogel, Ralph Witzgall, Wilhelm M. Kriz, Dietrich Keppler 1213

Organic Anion Secretion in Polycystic Kidney Disease
George A. Tanner, Norbert Gretz, Youzhi Shao, Andrew P. Evan, Michael Steinhausen 1222

Hemodynamics, Hypertension, and Vascular Regulation
Reflex Influences on Renal Nerve Activity Characteristics in Nephrosis and Heart Failure
Gerald F. Dibona, Susan Y. Jones, Linda L. Sawin 1232

Hormones, Autacoids, and Growth Factors
Sex Hormones and Renal Nitric Oxide Synthases
Joel Neugarten, Qing Ding, Alan Friedman, Jun Lei, Sharon Silbiger 1240

HDL Causes Mesangial Cell Mitogenesis Through a Tyrosine Kinase-Dependent Receptor Mechanism
Nikita I. Neverov, George A. Kaysen, Richard Nuccitelli, Robert H. Weiss 1247

Immunology and Pathology
Antigen-Antibody Complexes Enhance the Production of Complement Component C3 by Human Mesangial Cells
Janneke J. Timmerman, Daniëlle J. Van Gijlswijk-Janssen, Sandra W. Van Der Kooij, Leendert A. Van Es, Mohamed R. Daha 1257

Platelet-Activating Factor Stimulates Gene Expression and Synthesis of Matrix Proteins in Cultured Rat and Human Mesangial Cells: Role of TGF-β
Marta Ruiz-Ortega, Raquel Largo, Carmen Bustos, Dulcenombre Gómez-Garre, Jesús Egido 1266

Pathophysiology of Renal Disease
High Glucose Inhibits Nitric Oxide Production in Cultured Rat Mesangial Cells
Howard Trachtman, Stephen Futterweit, Dan L. Crimmins 1276

Aggravation of Polycystic Kidney Disease in Han:SPRD Rats by Buthionine Sulfoximine
Vicente E. Torres, Rose J. Bengal, Robert D. Liswiler, David M. Wilson 1283

Clinical Nephrology
Left Ventricular Hypertrophy in Autosomal Dominant Polycystic Kidney Disease
Arlene B. Chapman, Ann M. Johnson, Susan Rainguet, Kenneth Hossack, Patricia Gabow, Robert W. Schrier 1292

continued on next page