**EDITORIAL REVIEWS**

- Inside-Out Signaling Through Integrins
  - Randall James Faull, Mark Howard Ginsberg .......................... 1091

- Growth Factors and Apoptosis in Neonatal Ureteral Obstruction
  - Robert L. Chevalier .......................................................... 1098

- Aging and the Kidney
  - Murray Epstein .............................................................. 1106

**AMERICAN RENAL TRAINING CENTER**

- Medullary Sponge Kidney Associated with Congenital Hemihypertrophy
  - Olafur Skuli Indridason, Laura Thomas, Michael Berkoben ............ 1123

**ARTICLES**

- Hypertension May Be Transplanted with the Kidney in Humans: A Long-Term Historical Prospective Follow-Up of Recipients Grafted with Kidneys Coming from Donors With or Without Hypertension in Their Families
  - Ettore Guidi, Daniela Menghetti, Silvano Milani, Giuseppe Montagnino, Paola Palazzi, Giuseppe Bianchi ................. 1131

- Gender Discrepancies in Living Related Renal Transplant Donors and Recipients
  - Wendy E. Bloembergen, Friedrich K. Port, Elizabeth A. Mauger, Josephine P. Briggs, Alan B. Leichtman ..................... 1139

- Renal Functional Reserve in Kidney and Heart Transplant Recipients
  - Jean-Louis Ader, Ivan Tack, Dominique Durand, Tuan Tran-Van, Lionel Rostaing, Jean-Michel Suc ......................... 1145

- Effects of Endothelin in Radiocontrast-Induced Nephropathy in Rats are Mediated Through Endothelin-A Receptors
  - J. Eileen Bird, Mary R. Giancarli, John R. Megill, Stephen K. Durham ................................................................. 1153

- Localization of Sites of Enhanced Expression of Endothelin-1 In the Kidney of DOCA-Salt Hypertensive Rats
  - Li Y. Deng, Robert Day, Ernesto L. Schiffrin .................................................. 1158

- Sexual Experience of the Chronic Peritoneal Dialysis Patient
  - Thomas E. Steele, Diane Wueth, Susan Finkelstein, Darla Juergensen, Peter Juergensen, Alan S. Kliger, Fredric O. Finkelstein .................................................. 1165

- Risk Factors for Vascular Disease and Arteriovenous Fistula Dysfunction In Hemodialysis Patients
  - Sergio De Marchi, Edmondo Falleti, Roberta Giacomello, Giuliana Stel, Emanuela Cecchin, Grazia Sepiacci, Nadia Bortolotti, Fabrizia Zanello, Fabio Gonano, Ettore Bartoli .......... 1169

- Is Erythropoietin a Survival Factor for Red Blood Cells?
  - Momir Polenakovic, Aleksandar Sikole .................................. 1178

  - Radhakrishna Baliga, Norishi Ueda, Sudhir V. Shah ......................... 1183

- Ovariectomy Decreases Plasma Triglyceride Levels and Both Prevents and Alleviates Glomerular Disease in Uninephrectomized Female Analbuminemic Rats
  - Joap A. Joies, Harry van Goor, Marlan L.C. van der Horst, Arle van Tol, Jan J. Weening, Hein A. Koorens ............... 1189

- Accumulation of Albumin-Linked and Free-Form Pentosidine in the Circulation of Uremic Patients with End-Stage Renal Failure: Renal Implications in the Pathophysiology of Pentosidine
  - Toshio Miyata, Yasuhiko Ueda, Toru Shiznato, Yoshiyasu Iida, Shuichi Tanaka, Kiyoshi Kurokawa, Charles van Ypersele de Strihou, Kenji Maeda .................. 1198

*continued*
Captopril Reverses High-Glucose-Induced Growth Effects on LLC-PK1 Cells Partly by Decreasing Transforming Growth Factor-β Receptor Protein Expressions
Jinn-Yuh Guh, Mei-Li Yang, Yu-Lin Yang, Chun-Chang Chang, Lea-Yea Chuang ................................. 1207

Effects of Diadenosine Polyphosphates on Renal Function and Blood Pressure in Anesthetized Wistar Rats
Heige Kohage, Claudia Reinhardt, Ulrich Borucki, Gideon Enck, Hartmut Schüter, Eberhard Schütter, Walter Zidek .................................................. 1216

Extrarenal Potassium Homeostasis with Maximal Exercise in End-Stage Renal Disease
Barbara A. Clark, Catherine Shannon, Robert S. Brown, Ernest V. Gervino ..................................... 1223

CONCISE REPORTS

Vaccine-Induced Hepatitis B Surface Antigen Positivity in Adult Hemodialysis Patients: Incidental and Surveillance Data
Laverne Janzen, Gerald Y. Minuk, Margaret Fast, Kevvin N. Bernstein ................................. 1228

Performance Characteristics of a Dialysis-Related Amyloidosis Questionnaire
Glenn M. Chertow, Therese Trimbur, Elizabeth W. Karson, J. Michael Lazarus, Jonathan Kay ........... 1235

COMMENT

Noninvasive Measurement of Blood Volume in Hemodialysis Patients
Daniel Schneditz, Johannes M. Roob, Martina Vaclavik, Herwig Holzer, Thomas Kenner ..................... 1241

LETTERS TO THE EDITOR

Prostaglandins and Renal Damage
Juan F. Navarro ........................................ 1245

Response
Matthew D. Breyer, Harry R. Jacobson, Richard M. Breyer .......................................................... 1245

ANNOUNCEMENTS ...................................... 1247