

## CONTENTS

Phenotype-Based Treatment of Dietary Obesity: Differential Effects of Fenofibrate in Obesity-Prone and Obesity-Resistant Rats <i>Hong Ji, Lisa V. Outterbridge, and Mark I. Friedman</i>	421
The Effect of a High-Carbohydrate Meal on Postprandial Thermogenesis and Sympathetic Nervous System Activity in Boys With a Recent Onset of Obesity <i>Narumi Nagai, Naoki Sakane, Taku Hamada, Tetsuya Kimura, and Toshio Moritani</i>	430
The Reciprocal Association of Adipocytokines With Insulin Resistance and C-Reactive Protein in Clinically Healthy Men <i>Carl Johan Behre, Björn Fagerberg, Lillemor Mattsson Hultén, and Johannes Hulthe</i>	439
Different Tumor Necrosis Factor- $\alpha$ -Associated Leptin Expression in Rats With Dimethylnitrosamine and Bile Duct Ligation-Induced Liver Cirrhosis <i>Shih Yi Lin, Wen Yin Chen, Yung Tsung Chiu, Wen Jane Lee, Hurng Sheng Wu, and Wayne Huey-Herng Sheu</i>	445
Iron Loading Increases Cholesterol Accumulation and Macrophage Scavenger Receptor I Expression in THP-1 Mononuclear Phagocytes <i>Pavel J. Kraml, Richard L. Klein, Yan Huang, Alena Nareika, and Maria F. Lopes-Virella</i>	453
Methimazole-Induced Hypothyroidism Paradoxically Decreases Homocysteine <i>Kathleen M. Colleran, Leonard A. Romero, Dalice A. Upton, and Mark R. Burge</i>	460
Associations of Middle-Aged Mother's But Not Father's Body Mass Index With 18-Year-Old Son's Waist Circumferences, Birth Weight, and Serum Hepatic Enzyme Levels <i>Tsutomu Kazumi, Akira Kawaguchi, and Gen Yoshino</i>	466
Serum Resistin Level Among Healthy Subjects: Relationship to Anthropometric and Metabolic Parameters <i>Ching-Chu Chen, Tsai-Chung Li, Chia-Ing Li, Chiu-Shong Liu, Hui-Ju Wang, and Cheng-Chieh Lin</i>	471
Association of Low Adiponectin Levels With the Metabolic Syndrome—The Chennai Urban Rural Epidemiology Study (CURES-4) <i>Viswanathan Mohan, Raj Deepa, Rajendra Pradeepa, Karani Santhanakrishnan Vimalaswaran, Anjana Mohan, Kaliaperunal Velmurugan, and Venkatesan Radha</i>	476
Hypoadiponectinemia Is Caused by Chronic Blockade of Nitric Oxide Synthesis in Rats <i>Sachiko Hattori, Yoshiyuki Hattori, and Kikuo Kasai</i>	482
Association Study of G1704T and G82S Polymorphisms of RAGE Gene for Microalbuminuria in Japanese Type 2 Diabetic Patients <i>Keiji Yoshioka, Toshihide Yoshida, Yasuto Takakura, Tsunekazu Umekawa, Akinori Kogure, Hitoshi Toda, and Toshikazu Yoshikawa</i>	488
Influence of Sex and $\beta_2$ Adrenergic Receptor Haplotype on Resting and Terbutaline-Stimulated Whole Body Lipolysis <i>John J. Lima, Nelly Mauras, Nirranjan Kissoon, Jianwei Wang, Stacey Armatti Wiltrout, and James E. Sylvester</i>	492
Altered Body Composition and Metabolism in the Male Offspring of High Fat-Fed Rats <i>Alexandra J. Buckley, Benjamin Keserü, Julie Briody, Madeline Thompson, Susan E. Ozanne, and Campbell H. Thompson</i>	500
Very Long Chain Fatty Acids (policosanols) and Phytosterols Affect Plasma Lipid Levels and Cholesterol Biosynthesis in Hamsters <i>Yanwen Wang, Naoyuki Ebine, Xiaoming Jia, Peter J.H. Jones, Clint Fairrow, and Ralf Jaeger</i>	508
Metabolism of Amino Acids by Cultured Rat Sertoli Cells <i>Glória R.R.F. Kaiser, Siomara C. Monteiro, Daniel P. Gelain, Luiz F. Souza, Marcos L.S. Perry, and Elena Aida Bernard</i>	515

(Contents continued)

Age and Muscle-Type Modulated Role of Intramyocellular Lipids in the Progression of Insulin Resistance in Nondiabetic Zucker Rats <i>Marion Korach-André, John Gounarides, Richard Deacon, Michael Beil, Dongming Sun, Jiaping Gao, and Didier Laurent</i>	522
Improvement of Liver Function Parameters in Patients With Type 2 Diabetes Treated With Thiazolidinediones <i>Masaya Ono, Hiroshi Ikegami, Tomomi Fujisawa, Koji Nojima, Yumiko Kawabata, Masanori Nishino, Hidenori Taniguchi, Michiko Itoi-Babaya, Naru Babaya, Kaori Inoue, and Toshio Ogihara</i>	529
Exercise Training Is Not Associated With Improved Levels of C-Reactive Protein or Adiponectin <i>Taylor J. Marcell, Kirsten A. McAuley, Tinna Traustadóttir, and Peter D. Reaven</i>	533
Contribution of Impaired Glucose Tolerance in Subjects With the Metabolic Syndrome: Baltimore Longitudinal Study of Aging <i>Annabelle Rodriguez, Denis C. Muller, Martin Engelhardt, and Reubin Andres</i>	542
The Effect of a Simultaneous Dietary Administration of Xylitol and Ethanol on Bone Resorption <i>Pauli T. Mattila, Hanna Kangasmaa, and Matti L.E. Knuuttila</i>	548
High-Sensitivity C-Reactive Protein Is Associated With Insulin Resistance and Cardiovascular Autonomic Dysfunction in Type 2 Diabetic Patients <i>Futoshi Anan, Naohiko Takahashi, Mikiko Nakagawa, Tatsuhiko Ooie, Tetsunori Saikawa, and Hironobu Yoshimatsu</i>	552
Letters to the Editor	559