

CONTENTS

A Pilot Study to Test the Effect of Pulsatile Insulin Infusion on Cardiovascular Mechanisms That Might Contribute to Attenuation of Renal Compromise in Type 1 Diabetes Mellitus Patients With Proteinuria <i>Larry A. Weinrauch, Andrew J. Burger, Franz Aepfelbacher, Annette T. Lee, Ray E. Gleason, and John A. D'Elia</i>	1453
Miglitol Increases the Adiponectin Level and Decreases Urinary Albumin Excretion in Patients With Type 2 Diabetes Mellitus <i>Hiroki Yokoyama, Sakiko Kannno, Ikue Ishimura, and Koichi Node</i>	1458
Hypoadiponectinemia Is Associated With Blood Pressure Increase in Obese Insulin-Resistant Individuals <i>Emilio A. Francischetti, Bruno M.J. Celoria, Stenio Fernando Pimentel Duarte, Elizabeth Goes da Silva, Isabel Jereissati Santos, Pedro H. Cabello, and Virginia A. Genelhu</i>	1464
Improved Insulin Sensitivity by the Angiotensin II–Receptor Blocker Losartan Is Not Explained by Adipokines, Inflammatory Markers, or Whole Blood Viscosity <i>Tonje Amb Aksnes, Ingebjörg Seljeflot, Peter A. Torjesen, Aud Höiegggen, Andreas Moan, and Sverre E. Kjeldsen</i>	1470
Regulation of Adiponectin Receptor Expression in Human Liver and a Hepatocyte Cell Line <i>Akiko Shimizu, Toshinari Takamura, Naoto Matsuzawa, Seiji Nakamura, Satoko Nabemoto, Yumie Takeshita, Hirofumi Misu, Seiichiro Kurita, Masaru Sakurai, Masayoshi Yokoyama, Yoh Zen, Motoko Sasaki, Yasuni Nakanuma, and Shuichi Kaneko</i>	1478
Plasma Adiponectin Distribution in a Mediterranean Population and Its Association With Cardiovascular Risk Factors and Metabolic Syndrome <i>Jordi Salas-Salvadó, Marisa Granada, Mònica Bulló, Augusto Corominas, Patricia Casas, and Màrius Foz</i>	1486
High Molecular Weight Multimer Form of Adiponectin as a Useful Marker to Evaluate Insulin Resistance and Metabolic Syndrome in Japanese Men <i>Yoshie Seino, Hiroshi Hirose, Ikuo Saito, and Hiroshi Itoh</i>	1493
The Mammalian Target of Rapamycin Regulates Lipid Metabolism in Primary Cultures of Rat Hepatocytes <i>Nicholas F. Brown, Maja Stefanovic-Racic, Ian J. Sipula, and German Perdomo</i>	1500
Perioperative Amino Acid Supplementation of Hypocaloric Glucose Does Not Impair Glucose Metabolism After Surgery <i>Thomas Schricker, Linda Wykes, George Carvalho, Louise Mazza, Leopold Eberhart, Franco Carli, and Sarkis Meterissian</i>	1508
Serum Resistin Concentrations in Growth Hormone–Deficient Children During Growth Hormone Replacement Therapy <i>Hiroki Nozue, Tomohiro Kamoda, and Akira Matsui</i>	1514
Human Subcutaneous Adipose Tissue <i>LPIN1</i> Expression in Obesity, Type 2 Diabetes Mellitus, and Human Immunodeficiency Virus–Associated Lipodystrophy Syndrome <i>Merce Miranda, Matilde R. Chacón, José Gómez, Ana Megía, Victòria Ceperuelo-Mallafre, Sergi Veloso, María Saumoy, Lluís Gallart, Cristóbal Richart, Jose Manuel Fernández-Real, and Joan Vendrell, on behalf of the Adipocyte Differentiation Study Group</i>	1518
Changes in Plasma Lipids and Increased Low-Density Lipoprotein Susceptibility to Oxidation in Pregnancies Complicated by Gestational Diabetes: Consequences of Obesity <i>Isabel Sánchez-Vera, Bartolome Bonet, Marta Viana, Amalia Quintanar, Maria D. Martín, Pilar Blanco, Sergio Donnay, and Manuel Albi</i>	1527
Comparison of Atorvastatin Versus Fenofibrate in Reaching Lipid Targets and Influencing Biomarkers of Endothelial Damage in Patients With Familial Combined Hyperlipidemia <i>Marcello Arca, Anna Montali, Giovanni Pigna, Roberto Antonini, Teresa Maria Antonini, Petramala Luigi, Antonio Fraioli, Marco Mastrantoni, Maura Maddaloni, and Claudio Letizia</i>	1534

(Contents continued)

Relationship of Endogenous Hyperleptinemia to Serum Paraoxonase 1, Cholesteryl Ester Transfer Protein, and Lecithin Cholesterol Acyltransferase in Obese Individuals <i>Laszlo Bajnok, Ildiko Seres, Zsuzsa Varga, Sara Jeges, Attila Peti, Zsolt Karanyi, Attila Juhasz, Eva Csongradi, Emese Mezosi, Endre V. Nagy, and Gyorgy Paragh</i>	1542
Alternative Equations for Whole-Body Protein Synthesis and for Fractional Synthetic Rates of Proteins <i>Rajasekhar Ramakrishnan</i>	1550
Leptin Secretory Burst Mass Correlates With Body Mass Index and Insulin in Normal Women But Not in Women With Polycystic Ovary Syndrome <i>Maria J. Iuorno, Leila Z. Islam, Paula P. Veldhuis, David G. Boyd, Leon S. Farhy, Michael L. Johnson, John E. Nestler, and William S. Evans</i>	1561
Dietary 1,3-Diacylglycerol Protects Against Diet-Induced Obesity and Insulin Resistance <i>Shinichiro Saito, Antonio Hernandez-Ono, and Henry N. Ginsberg</i>	1566
A Single Bolus Infusion of C-Reactive Protein Increases Gluconeogenesis and Plasma Glucose Concentration in Humans <i>Rakesh S. Birjmohun, Radjesh J. Bisoendial, Sander I. van Leuven, Mariette Ackermans, Aelko Zwinderman, John J.P. Kastelein, Erik S.G. Stroes, and Hans P. Sauerwein</i>	1576
Release In Vitro of Adipsin, Vascular Cell Adhesion Molecule 1, Angiotensin 1-Converting Enzyme, and Soluble Tumor Necrosis Factor Receptor 2 by Human Omental Adipose Tissue as Well as by the Nonfat Cells and Adipocytes <i>John N. Fain, Amanda S. Nesbit, Fara F. Sudlow, Paramjeet Cheema, Jeanette M. Peeples, Atul K. Madan, and David S. Tichansky</i>	1583
Regulation of Src Homology 2-Containing Protein Tyrosine Phosphatase by Advanced Glycation End Products: The Role on Atherosclerosis in Diabetes <i>Naoto Seki, Naotake Hashimoto, Masato Taira, Sayaka Yagi, Yuriko Yoshida, Kou Ishikawa, Yoshifumi Suzuki, Hiroyuki Sano, Seikou Horiuchi, Shouji Yoshida, Kenichi Sakurai, Kazuo Yagui, Hideichi Makino, and Yasushi Saito</i>	1591
Erratum	1599