

CONTENTS

Serum Retinol-Binding Protein 4 Correlates With Obesity, Insulin Resistance, and Dyslipidemia in HIV-Infected Subjects Receiving Highly Active Antiretroviral Therapy <i>Sang Hoon Han, Bum Sik Chin, Han Sung Lee, Su Jin Jeong, Hee Kyoung Choi, Chang Oh Kim, Jun Yong Choi, Young Goo Song, Hyun Chul Lee, and June Myung Kim</i>	1523
Height, Ethnicity, and the Incidence of Diabetes: The San Antonio Heart Study <i>Carlos Lorenzo, Ken Williams, Michael P. Stern, and Steven M. Haffner</i>	1530
Fasting and Postprandial Apolipoprotein B-48 Levels in Healthy, Obese, and Hyperlipidemic Subjects <i>Seiko Otokozawa, Masumi Ai, Margaret R. Diffenderfer, Bela F. Asztalos, Akira Tanaka, Stefania Lamon-Fava, and Ernst J. Schaefer</i>	1536
Serum Levels of Interleukin-18 Are Reduced by Diet and n-3 Fatty Acid Intervention in Elderly High-Risk Men <i>Marius Trøseid, Harald Arnesen, Elsa M. Hjerkin, and Ingebjørg Seljeflot</i>	1543
Consequences of Head Injury and Static Cold Storage on Hepatic Function: Ex Vivo Experiments Using a Model of Isolated Perfused Rat Liver <i>Eric Levesque, Christophe Moinard, Valérie Besson, Nathalie Neveux, Jean-Claude Chaumeil, Luc Cynober, and Christine Charrueau</i>	1550
The Influence of Sex, Body Composition, and Nonesterified Fatty Acids on Serum Adipokine Concentrations <i>Eric P. Plaisance, Peter W. Grandjean, Robert L. Judd, Kathy W. Jones, and J. Kyle Taylor</i>	1557
Effect of Adipose Tissue on the Sexual Dimorphism in Metabolic Flexibility <i>Lauren M. Sparks, Magdalena Pasarica, Olga Sereda, Lilian deJonge, Shantele Thomas, Heather Loggins, Hui Xie, John M. Miles, and Steven R. Smith</i>	1564
Ghrelin and Obestatin Modulate Early Atherogenic Processes on Cells: Enhancement of Monocyte Adhesion and Oxidized Low-Density Lipoprotein Binding <i>Eija Kellokoski, Anne Kunnari, Maarit Jokela, Sanna Mäkelä, Y. Antero Kesäniemi, and Sohvi Hörkkö</i>	1572
Sex Steroids Deficiency Impairs Glucose Transporter 4 Expression and Its Translocation Through Defective Akt Phosphorylation in Target Tissues of Adult Male Rat <i>Thirupathi Muthusamy, Palaniappan Murugesan, and Karundevi Balasubramanian</i>	1581
Sex Differences in Postprandial Plasma Tumor Necrosis Factor- α , Interleukin-6, and C-Reactive Protein Concentrations <i>Caroline Payette, Patricia Blackburn, Benoît Lamarche, Angelo Tremblay, Jean Bergeron, Isabelle Lemieux, Jean-Pierre Després, and Charles Couillard</i>	1593
Influence of Gender on the Relationship Between Insulin Sensitivity, Adiposity, and Plasma Lipids in Lean Nondiabetic Subjects <i>Umesh Masharani, Ira D. Goldfine, and Jack F. Youngren</i>	1602
Caffeine Acutely Activates 5'Adenosine Monophosphate-Activated Protein Kinase and Increases Insulin-Independent Glucose Transport in Rat Skeletal Muscles <i>Tatsuro Egawa, Taku Hamada, Naoko Kameda, Kouhei Karaike, Xiao Ma, Shinya Masuda, Nobumasa Iwanaka, and Tatsuya Hayashi</i>	1609
Effect of L-Carnitine on the Size of Low-Density Lipoprotein Particles in Type 2 Diabetes Mellitus Patients Treated With Simvastatin <i>Mariano Malaguarnera, Marco Vacante, Massimo Motta, Michele Malaguarnera, Giovanni Li Volti, and Fabio Galvano</i>	1618

(Contents continued)

Positive Association of Serum Levels of Advanced Glycation End Products and High Mobility Group Box-1 With Asymmetric Dimethylarginine in Nondiabetic Chronic Kidney Disease Patients <i>Tsukasa Nakamura, Eiichi Sato, Nobuharu Fujiwara, Yasuhiro Kawagoe, Yoshihiko Ueda, Tsukasa Suzuki, Shingo Yamada, Masayoshi Takeuchi, Kei Fukami, Seiji Ueda, Hisashi Adachi, Takanori Matsui, Seiya Okuda, and Sho-ichi Yamagishi</i>	1624
Delayed Improvement of Insulin Secretion After Autologous Islet Transplantation in Partially Pancreatectomized Patients <i>Hye Seung Jung, Seong-Ho Choi, Sung-Joo Kim, Dong-Wook Choi, Jin-Seok Heo, Kyu Taek Lee, Jong Kyun Lee, Kee-Taek Jang, Byung-Wan Lee, Jae-Hwan Jee, Jung-Hyun Noh, In Kyung Jeong, Tae-Young Yang, Seung-Hoon Oh, You-Ran Ahn, Young-Seok Kim, Heesung No, Moon-Kyu Lee, and Kwang-Won Kim</i>	1629
Diabetes Mellitus Is Associated With Increased Intramyocellular Triglyceride, But Not Diglyceride, Content in Obese Humans <i>Costas A. Anastasiou, Stavros A. Kavouras, Yannis Lentzas, Afrodite Gova, Labros S. Sidossis, and Andreas Melidonis</i>	1636
The Roles of Ubiquitin and 26S Proteasome in Human Obesity <i>Tsui-Ling Chang, Chai-Jan Chang, Wen-Ying Lee, Miaw-Ning Lin, Yu-Wen Huang, and Kang Fan</i>	1643
The Synthetic Rate of Muscle Triglyceride But Not Phospholipid Is Increased in Obese Rabbits <i>Xiao-jun Zhang, David L. Chinkes, Zhanpin Wu, David N. Herndon, and Robert R. Wolfe</i>	1649
FORT and FORD: Two Simple and Rapid Assays in the Evaluation of Oxidative Stress in Patients With Type 2 Diabetes Mellitus <i>Maria G. Pavlatou, Maria Papastamataki, Filia Apostolakou, Ioannis Papassotiriou, and Nicholas Tentolouris</i>	1657
Reproducibility of Dual-Energy X-Ray Absorptiometry Total and Regional Body Composition Measurements Using Different Scanning Positions and Definitions of Regions <i>Martina Lohman, Kaj Tallroth, Jyrki A. Kettunen, and Markku T. Marttinen</i>	1663
Regular Moderate Exercise Reduces Advanced Glycation and Ameliorates Early Diabetic Nephropathy in Obese Zucker Rats <i>Peter Boor, Peter Celec, Michal Behuliak, Peter Grančič, Anton Kebis, Marián Kukan, Nadežda Pronayová, Tibor Liptaj, Tammo Ostendorf, and Katarína Šebeková</i>	1669
Letters to the Editor	1678