

CONTENTS

Moderate-Intensity Endurance Exercise Prevents Short-Term Starvation-Induced Intramyocellular Lipid Accumulation But Not Insulin Resistance <i>Jackson G. Green, Nathan A. Johnson, Toos Sachinwalla, Christopher W. Cunningham, Martin W. Thompson, and Stephen R. Stannard</i>	1051
Alterations in Total and High-Molecular-Weight Adiponectin After 3 Weeks of Moderate Alcohol Consumption in Premenopausal Women <i>Michel M. Joosten, Renger F. Witkamp, and Henk F.J. Hendriks</i>	1058
Serum Osteoprotegerin and Tumor Necrosis Factor Related Apoptosis Inducing-Ligand (TRAIL) Are Elevated in Type 2 Diabetic Patients With Albuminuria and Serum Osteoprotegerin Is Independently Associated With the Severity of Diabetic Nephropathy <i>Yu-Hung Chang, Kun-Der Lin, Sin-Ru He, Ming-Chia Hsieh, Jeng-Yueh Hsiao, and Shyi-Jang Shin</i>	1064
Short-Term Hyperglycemia Increases Arterial Superoxide Production and Iron Dysregulation in Atherosclerotic Monkeys <i>Patrick A. Rowe, Kylie Kavanagh, Li Zhang, H. James Harwood Jr., and Janice D. Wagner</i>	1070
Glucagon-Like Peptide-1 and Candesartan Additively Improve Glucolipotoxicity in Pancreatic β -Cells <i>Hong-Wei Wang, Masanari Mizuta, Yukie Saitoh, Kenji Noma, Hiroaki Ueno, and Masamitsu Nakazato</i>	1081
Metabolic Factors in the Development of Hepatic Steatosis and Altered Mitochondrial Gene Expression In Vivo <i>Shaoyun Wang, Amrita Kamat, Pablo Pergola, Anita Swamy, Fermin Tio, and Kenneth Cusi</i>	1090
Insulin Resistance: An Independent Risk Factor for Lung Cancer? <i>Eleni Th. Petridou, Theodoros N. Sergentanis, Constantine N. Antonopoulos, Nick Dessypris, Ioannis L. Matsoukis, Konstantinos Aronis, Anna Efremidis, Constantinos Syrigos, and Christos S. Mantzoros</i>	1100
Fenofibrate Administration Does Not Affect Muscle Triglyceride Concentration or Insulin Sensitivity in Humans <i>Leigh Perreault, Bryan C. Bergman, Devon M. Hunerdosse, David J. Howard, and Robert H. Eckel</i>	1107
Abnormal Left Ventricular Torsion and Cardiac Autonomic Dysfunction in Subjects With Type 1 Diabetes Mellitus <i>Milan K. Piya, Ganesh Nallur Shivu, Abd Tahrani, Kiran Dubb, Khalid Abozguia, T.T. Phan, Parth Narendran, Rodica Pop-Busui, Michael Frenneaux, and Martin J. Stevens</i>	1115
Differential Effects of Various Fish Proteins in Altering Body Weight, Adiposity, Inflammatory Status, and Insulin Sensitivity in High-Fat-Fed Rats <i>Geneviève Pilon, Jérôme Ruzzin, Laurie-Eve Rioux, Charles Lavigne, Phillip J. White, Livar Frøyland, Hélène Jacques, Piotr Bryl, Lucie Beaulieu, and André Marette</i>	1122
Polymorphisms in Toll-Like Receptor 4 Are Associated With Factors of the Metabolic Syndrome and Modify the Association Between Dietary Saturated Fat and Fasting High-Density Lipoprotein Cholesterol <i>Cristina Cuda, Alaa Badawi, Mohamed Karmali, and Ahmed El-Sohemy</i>	1131
Low-Density Lipoprotein Cholesterol to Apolipoprotein B Ratio Is Independently Associated With Metabolic Syndrome in Korean Men <i>Chang Hee Kwon, Byung Jin Kim, Bum Soo Kim, and Jin Ho Kang</i>	1136

(Contents continued)

Mitochondrial DNA Copy Number Is Modulated by Genetic Variation in the Signal Transducer and Activator of Transcription 3 (STAT3) <i>Tomas Fernández Gianotti, Gustavo Castaño, Carolina Gemma, Adriana L. Burgueño, Maria Soledad Rosselli, Carlos J. Pirola, and Silvia Sookoian</i>	1142
The Association of the Angiotensinogen Gene With Insulin Sensitivity in Humans: A Tagging Single Nucleotide Polymorphism and Haplotype Approach <i>Patricia C. Underwood, Bei Sun, Jonathan S. Williams, Luminita H. Pojoga, Benjamin Raby, Jessica Lasky-Su, Steven Hunt, Paul N. Hopkins, Xavier Jeunemaitre, Gail K. Adler, and Gordon H. Williams</i>	1150
Lower Expression of PKA α Impairs Insulin Secretion in Islets Isolated From Low-Density Lipoprotein Receptor (LDLR ^{-/-}) Knockout Mice <i>Maria Lúcia Bonfleur, Rosane Aparecida Ribeiro, Sandra Lucinei Balbo, Emerielle Cristine Vanzela, Everardo Magalhães Carneiro, Helena Coutinho Franco de Oliveira, and Antonio Carlos Boschero</i>	1158
Endogenous and Diet-Induced Hypercholesterolemia in Nonhuman Primates: Effects of Age, Adiposity, and Diabetes on Lipoprotein Profiles <i>Rania Shamekh, Ellen H. Linden, Jennifer D. Newcomb, Xenia T. Tigno, Kai-Lin Catherine Jen, Michael A. Pellizzon, and Barbara C. Hansen</i>	1165
Bioactive Androgens and Glucuronidated Androgen Metabolites Are Associated With Subcutaneous and Ectopic Skeletal Muscle Adiposity Among Older Black Men <i>Iva Miljkovic, Jane A. Cauley, Amy S. Dressen, Christopher L. Gordon, Bret H. Goodpaster, Lewis H. Kuller, Clareann H. Bunker, Alan L. Patrick, Victor W. Wheeler, Eric S. Orwoll, and Joseph M. Zmuda</i>	1178
Low Serum Osteocalcin Level Is a Potential Marker for Metabolic Syndrome: Results From a Chinese Male Population Survey <i>Aihua Tan, Yong Gao, Xiaobo Yang, Haiying Zhang, Xue Qin, Linjian Mo, Tao Peng, Ning Xia, and Zengnan Mo</i>	1186
Adipose-Specific Deletion of Src Homology Phosphatase 2 Does Not Significantly Alter Systemic Glucose Homeostasis <i>Ahmed Bettaieb, Kosuke Matsuo, Izumi Matsuo, Naoto Nagata, Samah Chahed, Siming Liu, and Fawaz G. Haj</i>	1193