

CONTENTS

Preliminary Report: Acarbose Attenuates Postprandial Hyperlipidemia: Investigation in an Intestinal Absorptive Cell Model <i>Takanari Nakano, Ikuo Inoue, Makoto Seo, Seiichiro Takahashi, Tsugikazu Komoda, and Shigehiro Katayama</i>	583
Incretin Hormone Secretion in Women With Polycystic Ovary Syndrome: Roles of Obesity, Insulin Sensitivity, and Treatment With Metformin <i>Pernille Fog Svendsen, Lisbeth Nilas, Sten Madsbad, and Jens Juul Holst</i>	586
Changes in Messenger RNA Abundance of Amino Acid Transporters in Rat Mammary Gland During Pregnancy, Lactation, and Weaning <i>Gabriela Alemán, Adriana López, Guillermo Ordaz, Nimbe Torres, and Armando R. Tovar</i>	594
Different Pathophysiology of Impaired Glucose Tolerance in First-Degree Relatives of Individuals With Type 2 Diabetes Mellitus <i>Peter Emerson, Timon W. Van Haeften, Walkyria Pimenta, Elena Plummer, Hans J. Woerle, Asimina Mitrakou, Ervin Szoke, John Gerich, and Christian Meyer</i>	602
Decreased Respiratory Quotient in Relation to Resting Energy Expenditure in HIV-Infected and Noninfected Subjects <i>Kathleen V. Fitch, Lauren M. Guggina, Hester M. Keough, Sara E. Dolan Looby, Colleen Hadigan, Ellen J. Anderson, Jane Hubbard, James G. Liebau, Stine Johnsen, Jeffery Wei, Hideo Makimura, Takara L. Stanley, Janet Lo, and Steven K. Grinspoon</i>	608
Effects of α -Lipoic Acid on Transforming Growth Factor β 1–p38 Mitogen-Activated Protein Kinase–Fibronectin Pathway in Diabetic Nephropathy <i>Seong Jin Lee, Jun Goo Kang, Ohk Hyun Ryu, Chul Sik Kim, Sung-Hee Ihm, Moon Gi Choi, Hyung Joon Yoo, Dong-Sun Kim, and Tae Wha Kim</i>	616
Glucose Transporter 4 and Insulin Receptor Substrate–1 Messenger RNA Expression in Omental and Subcutaneous Adipose Tissue in Women <i>Alain Veilleux, Karine Blouin, Caroline Rhéaume, Marleen Daris, André Marette, and André Tchernof</i>	624
High-Molecular Weight Adiponectin Is Associated With Coronary Artery Angiographic Findings in Asian Indians <i>Taiba Zornitzki, Naama Reshef, Oded Ayzenberg, Rinat Cohen, Gera Gandelman, J. Jan Frystyk, Allan Flyvbjerg, and Hilla Knobler</i>	632
Plasma Adiponectin and Insulin Sensitivity in Overweight and Normal-Weight Middle-Aged Premenopausal Women <i>Jaak Jürimäe, Toivo Jürimäe, Susanne Ring-Dimitriou, Linda M. LeMura, Paul J. Arciero, and Serge P. von Duvillard</i>	638
Bone Morphogenetic Protein–2 Activity Is Regulated by Secreted Phosphoprotein–24 kd, an Extracellular Pseudoreceptor, the Gene for Which Maps to a Region of the Human Genome Important for Bone Quality <i>Elsa J. Brochmann, Keyvan Behnam, and Samuel S. Murray</i>	644
Endurance Exercise Training Increases Adipose Tissue Glucocorticoid Exposure: Adaptations That Facilitate Lipolysis <i>Jonathan E. Campbell, Sergiu Fediuc, Thomas J. Hawke, and Michael C. Riddell</i>	651
Low-Grade Inflammation in Individuals With the Hypertriglyceridemic Waist Phenotype: Another Feature of the Atherogenic Dysmetabolism <i>Ori Rogowski, Itzhak Shapira, Arie Steinvil, and Shlomo Berliner</i>	661
Relationship Between Apolipoprotein C-III Concentrations and High-Density Lipoprotein Subclass Distribution <i>Li Tian, Jin Wu, Mingde Fu, Yanhua Xu, and Lianqun Jia</i>	668
Refined Grain Consumption and the Metabolic Syndrome in Urban Asian Indians (Chennai Urban Rural Epidemiology Study 57) <i>Ganesan Radhika, Rob M. Van Dam, Vasudevan Sudha, Anbazhagan Ganesan, and Viswanathan Mohan</i>	675

(Contents continued)

Effect of Valsartan on Left Ventricular Anatomy and Systolic Function and Aortic Elasticity <i>Lalita Khaodhiar, Aoife M. Brennan, Christina Lima, Jean L. Chan, Christos S. Mantzoros, Warren J. Manning, Peter G. Danias, and Aristidis Veves</i>	682
Insulin Resistance Predicts Future Deterioration of Glucose Tolerance in Nondiabetic Young African Americans <i>Yonghong Huan, Harvey Kushner, and Bonita Falkner</i>	689
White Matter Lesions Are Associated With the Results of ¹²³ I-Metaiodobenzylguanidine Myocardial Scintigraphy in Type 2 Diabetes Mellitus Patients <i>Futoshi Anan, Takayuki Masaki, Tetsuji Shinohara, Kunio Yufu, Naohiko Takahashi, Mikiko Nakagawa, Nobuoki Eshima, Tetsunori Saikawa, and Hironobu Yoshimatsu</i>	696
Very Low-Density Lipoprotein in the Cord Blood of Preterm Neonates <i>Ryuta Yonezawa, Tomoo Okada, Tomomi Kitamura, Hidetoshi Fujita, Ikuhiro Inami, Masami Makimoto, Shigeharu Hosono, Michiyoshi Minato, Shigeru Takahashi, Hideo Mugishima, Tatsuo Yamamoto, and Naoki Masaoka</i>	704
Circulating Angiotensin II Is Associated With Body Fat Accumulation and Insulin Resistance in Obese Subjects With Type 2 Diabetes Mellitus <i>Atsuhito Saiki, Masahiro Ohira, Kei Endo, Nobukiyo Koide, Tomokazu Oyama, Takeyoshi Murano, Hitoshi Watanabe, Yoh Miyashita, and Kohji Shirai</i>	708
Coronary Heart Disease Risk Factors in Adult Premenopausal White Women With Polycystic Ovary Syndrome Compared With a Healthy Female Population <i>Charles J. Glueck, John A. Morrison, Naila Goldenberg, and Ping Wang</i>	714
High Vitamin Intake by Wistar Rats During Pregnancy Alters Tissue Fatty Acid Concentration in the Offspring Fed an Obesogenic Diet <i>Sandra A. Reza-López, G. Harvey Anderson, Ignatius M.Y. Szeto, Ameer Y. Taha, and David W.L. Ma</i>	722
Lipid Peroxidation in Early Type 1 Diabetes Mellitus Is Unassociated With Oxidative Damage to DNA <i>Robert D. Hoeldtke, Kimberly D. Bryner, Linda L. Corum, Gerald R. Hobbs, and Knox Van Dyke</i>	731
Letters to the Editor	735