

## CONTENTS

Clinical Characteristics and Efficacy of Pioglitazone in a Japanese Diabetic Patient With an Unusual Type of Familial Partial Lipodystrophy <i>Masanori Iwanishi, Ken Ebihara, Toru Kusakabe, Wen Chen, Jun Ito, Hiroaki Masuzaki, Kiminori Hosoda, and Kazuwa Nakao</i>	1681
Factors Associated With Serum High Mobility Group Box 1 (HMGB1) Levels in a General Population <i>Ako Fukami, Hisashi Adachi, Sho-ichi Yamagishi, Takanori Matsui, Shin-ichiro Ueda, Kazuo Nakamura, Mika Enomoto, Maki Otsuka, Shun-ichi Kumagae, Yasuki Nanjo, Eita Kumagai, Eishi Esaki, Kyoko Murayama, Yuji Hirai, and Tsutomu Imaizumi</i>	1688
Berberine Improves Free-Fatty-Acid-Induced Insulin Resistance in L6 Myotubes Through Inhibiting Peroxisome Proliferator-Activated Receptor $\gamma$ and Fatty Acid Transferase Expressions <i>Yanfeng Chen, Ying Li, Yanwen Wang, Ying Wen, and Changhao Sun</i>	1694
Preliminary Report: The Effect of a 6-Month Dietary Glycemic Index Manipulation in Addition to Healthy Eating Advice and Weight Loss on Arterial Compliance and 24-Hour Ambulatory Blood Pressure in Men: A Pilot Study <i>Elena Philippou, Candace Bovill-Taylor, Chakravarthi Rajkumar, Maria Luisa Vampa, Eleana Ntatsaki, Audrey E. Brynes, Mary Hickson, and Gary S. Frost</i>	1703
Modifying the n-6/n-3 Polyunsaturated Fatty Acid Ratio of a High-Saturated Fat Challenge Does Not Acutely Attenuate Postprandial Changes in Inflammatory Markers in Men With Metabolic Syndrome <i>Hilary M.F. Tulk and Lindsay E. Robinson</i>	1709
Decreased Parotid Salivary Cyclic Nucleotides Related to Smell Loss Severity in Patients With Taste and Smell Dysfunction <i>Robert Irwin Henkin and I. Velicu</i>	1717
Sonographic Hepatic-Renal Ratio as Indicator of Hepatic Steatosis: Comparison With $^1\text{H}$ Magnetic Resonance Spectroscopy <i>Marcello Mancini, Anna Prinster, Giovanni Annuzzi, Raffaele Liuzzi, Rosalba Giacco, Carmela Medagli, Matteo Cremonese, Gennaro Clemente, Simone Maurea, Gabriele Riccardi, Angela Albarosa Rivellese, and Marco Salvatore</i>	1724
The Association Between Normal Alanine Aminotransferase Levels and the Metabolic Syndrome: 2005 Korean National Health and Nutrition Examination Survey <i>Sang-Yeon Suh, Sung-Eun Choi, Hong-Yup Ahn, Hye-Min Yang, Yu-Il Kim, and Nak-Jin Sung</i>	1731
Obesity and Metabolic Syndrome-Related Chronic Kidney Disease in Nondiabetic, Nonhypertensive Adults <i>Yeong Sook Yoon, Hye Soon Park, Kyung Eun Yun, and Soon Bae Kim</i>	1737
Effect of Grape Seed Extract on Blood Pressure in Subjects With the Metabolic Syndrome <i>Brahmesh Sivaprakasapillai, Indika Edirisinghe, Jody Randolph, Francene Steinberg, and Tissa Kappagoda</i>	1743
Treadmill Training Enhances Rat Agouti-Related Protein in Plasma and Reduces Ghrelin Levels in Plasma and Soleus Muscle <i>Abbass Ghanbari-Niaki, Hossein Abednazari, Seyed Morteza Tayebi, Alireza Hossaini-Kakhak, and Robert R. Kraemer</i>	1747
Addition of n-3 Fatty Acids to a 4-Hour Lipid Infusion Does Not Affect Insulin Sensitivity, Insulin Secretion, or Markers of Oxidative Stress in Subjects With Type 2 Diabetes Mellitus <i>Ingrid L. Mostad, Kristian S. Bjerve, Samar Basu, Pauline Sutton, Keith N. Frayn, and Valdemar Grill</i>	1753

(Contents continued)

Gene Expression of Paired Abdominal Adipose <i>AQP7</i> and Liver <i>AQP9</i> in Patients With Morbid Obesity: Relationship With Glucose Abnormalities	
<i>Merce Miranda, Victòria Ceperuelo-Mallafré, Albert Lecube, Cristina Hernandez, Matilde R. Chacon, Jose M. Fort, Lluís Gallart, Juan A. Baena-Fustegueras, Rafael Simó, and Joan Vendrell</i>	1762
Effects of Dietary Carbohydrate Restriction Versus Low-Fat Diet on Flow-Mediated Dilation	
<i>Jeff S. Volek, Kevin D. Ballard, Ricardo Silvestre, Daniel A. Judelson, Erin E. Quann, Cassandra E. Forsythe, Maria Luz Fernandez, and William J. Kraemer</i>	1769
Effect of a 1-Hour Single Bout of Moderate-Intensity Exercise on Fat Oxidation Kinetics	
<i>Xavier Chenevière, Fabio Borrani, Vincent Ebenegger, Boris Gojanovic, and Davide Malatesta</i>	1778
Gestational High-Fat Programming Impairs Insulin Release and Reduces Pdx-1 and Glucokinase Immunoreactivity in Neonatal Wistar Rats	
<i>Marlon E. Cerf, Charna S. Chapman, Christo J. Muller, and Johan Louw</i>	1787
Effects of Low- and High-Glycemic Index/Glycemic Load Diets on Coronary Heart Disease Risk Factors in Overweight/Obese Men	
<i>James M. Shikany, Radhika P. Phadke, David T. Redden, and Barbara A. Gower</i>	1793
<i>trans</i> -Fatty Acids in the Diet Stimulate Atherosclerosis	
<i>Chantal M.C. Bassett, Richelle S. McCullough, Andrea L. Edel, Thane G. Maddaford, Elena Dibrov, David P. Blackwood, Jose A. Austria, and Grant N. Pierce</i>	1802
Preliminary Report: Genetic Variation Within the <i>GPBAR1</i> Gene Is Not Associated With Metabolic Traits in White Subjects at an Increased Risk for Type 2 Diabetes Mellitus	
<i>Karsten Müssig, Harald Staiger, Fausto Machicao, Jürgen Machann, Fritz Schick, Silke A. Schäfer, Claus D. Claussen, Jens J. Holst, Baptist Gallwitz, Norbert Stefan, Andreas Fritsche, and Hans-Ulrich Häring</i>	1809
Levels of Retinol-Binding Protein 4 and Uric Acid in Patients With Type 2 Diabetes Mellitus	
<i>Ching-Chu Chen, Jer-Yuarn Wu, Chwen-Tzuei Chang, Fuu-Jen Tsai, Tzu-Yuan Wang, Yi-Min Liu, Huai-Chih Tsui, Rong-Hsing Chen, and Shyh-Ching Chiou</i>	1812
Hypoadiponectinemia in Overweight Children Contributes to a Negative Metabolic Risk Profile 6 Years Later	
<i>Iben Kynde, Berit L. Heitmann, Ib C. Bygbjerg, Lars B. Andersen, and Jørn W. Helge</i>	1817
Effects of Glucose Infusion on Neuroendocrine and Cognitive Parameters in Addison Disease	
<i>Johanna Klement, Christian Hubold, Manfred Hallschmid, Cecilia Loeck, Kerstin M. Oltmanns, Hendrik Lehnert, Jan Born, and Achim Peters</i>	1825
Homogenization-Dependent Responses of Acid-Soluble and Acid-Insoluble Glycogen to Exercise and Refeeding in Human Muscles	
<i>Phillip D. Barnes, Anish Singh, and Paul A. Fournier</i>	1832