

## CONTENTS

Dietary Conjugated Linoleic Acid Decreases Adipocyte Size and Favorably Modifies Adipokine Status and Insulin Sensitivity in Obese, Insulin-Resistant Rats <i>Amy Noto, Peter Zahradka, Natalia Yurkova, Xueping Xie, Han Truong, Evan Nitschmann, Malcolm R. Ogborn, and Carla G. Taylor</i>	1601
High-Sensitivity C-Reactive Protein Predicts Target Organ Damage in Chinese Patients With Metabolic Syndrome <i>Zhigang Zhao, Hai Nie, Hongbo He, Zhencheng Yan, Daoyan Liu, Zhidan Luo, Liqun Ma, Yinxing Ni, Jin Chen, Jin Jing, Tingbing Cao, Hua Yang, Martin Tepel, Weiguo Zhang, and Zhiming Zhu</i>	1612
Editorial: C-Reactive Protein, Metabolic Syndrome, and End Organ Damage <i>Hwee Teoh and Subodh Verma</i>	1620
Forebrain and Hindbrain Effects of Ethanol on Counterregulatory Responses to Hypoglycemia in Conscious Rats <i>Darleen A. Sandoval, Bin Gong, and Stephen N. Davis</i>	1623
Overexpression of the Elongation Factor 1A1 Relates to Muscle Proteolysis and Proapoptotic p66 <sup>(S<sub>h</sub>eA)</sup> Gene Transcription in Hypercatabolic Trauma Patients <i>Alessandra Bosutti, Bruna Scaggiante, Gabriele Grassi, Gianfranco Guarnieri, and Gianni Biolo</i>	1629
Effects of Dietary Fibers on Weight Gain, Carbohydrate Metabolism, and Gastric Ghrelin Gene Expression in Mice Fed a High-Fat Diet <i>Zhong Q. Wang, Aamir R. Zuberi, Xian H. Zhang, Jacalyn Macgowan, Jianhua Qin, Xin Ye, Leslie Son, Qinglin Wu, Kun Lian, and William T. Cefalu</i>	1635
Impact of Interleukin 6 -174G>C Polymorphism on Obesity-Related Metabolic Disorders in People With Excess in Body Weight <i>Estibaliz Goyenechea, Dolores Parra, and J. Alfredo Martínez</i>	1643
Association Between a $\beta_2$ -Adrenergic Receptor Polymorphism and Elite Endurance Performance <i>Bernd Wolfarth, Tuomo Rankinen, Susanne Mühlbauer, Johannes Scherr, Marcel R. Boulay, Louis Pérusse, Rainer Rauramaa, and Claude Bouchard</i>	1649
Phenotype of Subjects With Type 2 Diabetes Mellitus May Determine Clinical Response to Chromium Supplementation <i>Zhong Q. Wang, Jianhua Qin, Julie Martin, Xian H. Zhang, Olga Sereda, Richard A. Anderson, Patricia Pinsonat, and William T. Cefalu</i>	1652
Growth Arrest and Apoptosis Induced by Quercetin Is Not Linked to Adipogenic Conversion of Human Preadipocytes <i>Keiko Morikawa, Chiharu Ikeda, Mitsuko Nonaka, and Ikue Suzuki</i>	1656
Lipid and Lipoprotein Profiles and Prevalence of Dyslipidemia in Mexican Adolescents <i>Rosalinda Posadas-Sánchez, Carlos Posadas-Romero, José Zamora-González, Enrique Mendoza-Pérez, Guillermo Cardoso-Saldaña, and Liria Yamamoto-Kimura</i>	1666
Effects of Isometric Strength Training Followed by No Exercise and <i>Humulus lupulus</i> L-Enriched Diet on Bone Metabolism in Old Female Rats <i>Hélène Figard, Fabienne Mougin, Maude Nappey, Marie-Jeanne Davicco, Patrice Lebecque, Véronique Coxam, Valérie Lamothe, Patrick Sauviant, and Alain Berthelot</i>	1673
Impact of Diabetes Mellitus on Prognosis of Patients Infected With Hepatitis C Virus <i>Yuki Kita, Eishiro Mizukoshi, Toshinari Takamura, Masaru Sakurai, Yoshiko Takata, Kuniaki Arai, Tatsuya Yamashita, Yasunari Nakamoto, and Shuichi Kaneko</i>	1682
The Trp64Arg Polymorphism of the $\beta_3$ -Adrenergic Receptor Gene Is Associated With Increased Small Dense Low-Density Lipoprotein in a Rural Japanese Population: The Mima Study <i>Kokoro Tsuzaki, Kazuhiko Kotani, Shinji Fujiwara, Yoshiko Sano, Yukiyo Matsuoka, Masayuki Domichi, Taku Hamada, Akira Shimatsu, and Naoki Sakane</i>	1689

(Contents continued)

Metabolic and Hormonal Effects of Caffeine: Randomized, Double-Blind, Placebo-Controlled Crossover Trial <i>Todd MacKenzie, Richard Comi, Patrick Sluss, Ronit Keisari, Simone Manwar, Janice Kim, Robin Larson, and John A. Baron</i>	1694
Greater Resting Energy Expenditure and Lower Respiratory Quotient After 1 Week of Supplementation With Milk Relative to Supplementation With a Sugar-Only Beverage in Children <i>Marie-Pierre St-Onge, Nancy Claps, Stanley Heshka, Steven B. Heymsfield, and Alike Kosteli</i>	1699
The Association of Low-Grade Inflammation, Urinary Albumin, and Insulin Resistance With Metabolic Syndrome in Nondiabetic Taiwanese <i>I-Te Lee, Wen-Jane Lee, Chien-Ning Huang, and Wayne H-H Sheu</i>	1708
Decreased Peroxisome Proliferator-Activated Receptor $\alpha$ Gene Expression Is Associated With Dyslipidemia in a Rat Model of Chronic Renal Failure <i>Yusaku Mori, Tsutomu Hirano, Masaharu Nagashima, Yuji Shiraishi, Tomoyasu Fukui, and Mitsuru Adachi</i>	1714
High-Fat Diet Impairs the Effects of a Single Bout of Endurance Exercise on Glucose Transport and Insulin Sensitivity in Rat Skeletal Muscle <i>Satsuki Tanaka, Tatsuya Hayashi, Taro Toyoda, Taku Hamada, Yohei Shimizu, Masakazu Hirata, Ken Ebihara, Hiroaki Masuzaki, Kiminori Hosoda, Tohru Fushiki, and Kazuwa Nakao</i>	1719
Impact of Reduced Meal Frequency Without Caloric Restriction on Glucose Regulation in Healthy, Normal-Weight Middle-Aged Men and Women <i>Olga Carlson, Bronwen Martin, Kim S. Stote, Erin Golden, Stuart Maudsley, Samer S. Najjar, Luigi Ferrucci, Donald K. Ingram, Dan L. Longo, William V. Rumpler, David J. Baer, Josephine Egan, and Mark P. Mattson</i>	1729
Adipocyte Fatty Acid-Binding Protein in Obese Children Before and After Weight Loss <i>Thomas Reinehr, Birgit Stoffel-Wagner, and Christian L. Roth</i>	1735
The Effects of Hydralazine on Lipolysis in Subcutaneous Adipose Tissue in Humans <i>Niels Boon, Gijs H. Goossens, Ellen E. Blaak, and Wim H.M. Saris</i>	1742
Letter to the Editor: Physiologic Roles of $11\beta$ -Hydroxysteroid Dehydrogenase Type 2 in Kidney: A Comment on the Article of Isomura et al <i>Martin Fenske</i>	1749