

CONTENTS

Serum Total Adiponectin in Nonalcoholic Fatty Liver Disease: A Systematic Review and Meta-Analysis <i>Stergios A. Polyzos, Konstantinos A. Toulis, Dimitrios G. Goulis, Christos Zavos, and Jannis Kountouras</i>	313
The Anorexigenic Effects of Metformin Involve Increases in Hypothalamic Leptin Receptor Expression <i>Grégory Aubert, Virginie Mansuy, Marie-Jeanne Voirol, Luc Pellerin, and François P. Pralong</i>	327
Peripheral Signals of Energy Homeostasis as Possible Markers of Training Stress in Athletes: A Review <i>Jaak Jürimäe, Jarek Mäestu, Toivo Jürimäe, Brent Mangus, and Serge P. von Duvillard</i>	335
Association Between Alcohol Consumption and Bone Strength in Korean Adults: The Korean Genomic Rural Cohort Study <i>Li Hua Jin, Sei Jin Chang, Sang Baek Koh, Ki Soon Kim, Tae Yong Lee, So Yeon Ryu, Jae Seok Song, and Jong Ku Park</i>	351
Visceral Fat Decreased by Long-Term Interdisciplinary Lifestyle Therapy Correlated Positively With Interleukin-6 and Tumor Necrosis Factor- α and Negatively With Adiponectin Levels in Obese Adolescents <i>Fábio Santos Lira, Jose Cesar Rosa, Ronaldo Vagner dos Santos, Daniel Paulino Venancio, June Carnier, Priscila de Lima Sanches, Claudia Maria Oller do Nascimento, Aline de Piano, Lian Tock, Sergio Tufik, Marco Túlio de Mello, Ana R. Dâmaso, and Lila Missae Oyama</i>	359
Total and High-Molecular Weight Adiponectin in Women With the Polycystic Ovary Syndrome <i>Edmond P. Wickham III, Kai I. Cheang, John N. Clore, Jean-Patrice Baillargeon, and John E. Nestler</i>	366
Effects of Physical Activity on Bone Remodeling <i>Laurent Maïmoun and Charles Sultan</i>	373
Circulating Visfatin Levels in Healthy Preterm Infants Are Independently Associated With High-Density Lipoprotein Cholesterol Levels and Dietary Long-Chain Polyunsaturated Fatty Acids <i>Tania Siahianidou, Alexandra Margeli, Athanasios Kappis, Ioannis Papassotiriou, and Helen Mandyla</i>	389
Short-Term Adenosine Monophosphate-Activated Protein Kinase Activator 5-Aminoimidazole-4-Carboxamide-1- β -D-Ribofuranoside Treatment Increases the Sirtuin 1 Protein Expression in Skeletal Muscle <i>Masataka Suwa, Hiroshi Nakano, Zsolt Radak, and Shuzo Kumagai</i>	394
Plasma Metabolomic Profile in Nonalcoholic Fatty Liver Disease <i>Satish C. Kalhan, Lining Guo, John Edmison, Srinivasan Dasarathy, Arthur J. McCullough, Richard W. Hanson, and Mike Milburn</i>	404
Association of Elevated Serum Ferritin Concentration With Insulin Resistance and Impaired Glucose Metabolism in Korean Men and Women <i>Chul-Hee Kim, Hong-Kyu Kim, Sung Jin Bae, Joong-Yeol Park, and Ki-Up Lee</i>	414
Effects of Combination of Sibutramine and L-Carnitine Compared With Sibutramine Monotherapy on Inflammatory Parameters in Diabetic Patients <i>Giuseppe Derosa, Pamela Maffioli, Sibilla A.T. Salvadeo, Ilaria Ferrari, Alessia Gravina, Roberto Mereu, Angela D'Angelo, Ilaria Palumbo, Sabrina Randazzo, and Arrigo F.G. Cicero</i>	421

(Contents continued)

Cold-Induced Alteration of Adipokine Profile in Humans

K. Alexander Iwen, Eike T. Wenzel, Volker Ott, Nina Perwitz, Peter Wellhöner, Hendrik Lehnert,
Christoph Dodt, and Johannes Klein

430

Leptin Increases Skeletal Muscle Lipoprotein Lipase and Postprandial Lipid Metabolism in Mice

William T. Donahoo, Nicole R. Stob, Stefen Ammon, Nancy Levin, and Robert H. Eckel

438