

CONTENTS

Editorial

- Drug-Drug Interactions in HIV Medicine: A Not So Simple and Straightforward Road to the Future
Sotirios Tsiodras and Christos S. Mantzoros 1497

Review

- The Effects of Glucocorticoids on Adipose Tissue Lipid Metabolism
Ashley J. Peckett, David C. Wright, and Michael C. Riddell 1500

Clinical Science

- Mutational Analysis of Human Bone Morphogenetic Protein 15 in Chinese Women With Polycystic Ovary Syndrome
Jingjing Liu, Binbin Wang, Zhaolian Wei, Ping Zhou, Yuping Zu, Sirui Zhou, Qiaolian Wen, Jing Wang, Yunxia Cao, and Xu Ma 1511
- Plasma Adiponectin—An Independent Indicator of Liver Fat Accumulation
Pauliina Pisto, Olavi Ukkola, Merja Santaniemi, and Y. Antero Kesäniemi 1515
- Impaired Adrenergic- and Corticotropic-Axis Outflow During Exercise in Chronic Obstructive Pulmonary Disease
Ali Iranmanesh, Dudley F. Rochester, Jing Liu, and Johannes D. Veldhuis 1521
- Serum Adiponectin Levels and Tissue Expression of Adiponectin Receptors Are Associated With Risk, Stage, and Grade of Colorectal Cancer
Spyros P. Gialamas, Eleni Th. Petridou, Sofia Tseleni-Balafouta, Themistoklis N. Spyridopoulos, Ioannis L. Matsoukis, Agathi Kondi-Pafiti, George Zografos, and Christos S. Mantzoros 1530
- Serum Adiponectin and Leptin in Relation to Risk for Preeclampsia: Results From a Large Case-Control Study
Maria Dalamaga, Sindhu K. Srinivas, Michal A. Elovitz, John Chamberland, and Christos S. Mantzoros 1539
- Functional Effects of DAX-1 Mutations Identified in Patients With X-Linked Adrenal Hypoplasia Congenita
Jin-Ho Choi, Jung-Young Park, Gu-Hwan Kim, Hye Young Jin, Beom Hee Lee, Jae Hyun Kim, Choong Ho Shin, Sei Won Yang, and Han-Wook Yoo 1545
- The Effect of Two Energy-Restricted Diets, a Low-Fructose Diet Versus a Moderate Natural Fructose Diet, on Weight Loss and Metabolic Syndrome Parameters: A Randomized Controlled Trial
Magdalena Madero, Julio C. Arriaga, Diana Jalal, Christopher Rivard, Kim McFann, Oscar Pérez-Méndez, Armando Vázquez, Arturo Ruiz, Miguel A. Lanaspá, Carlos Roncal Jimenez, Richard J. Johnson, and Laura-Gabriela Sánchez Lozada 1551

Basic Science

- Treatment With the α -Glucosidase Inhibitor Miglitol From the Preonset Stage in Otsuka Long-Evans Tokushima Fatty Rats Improves Glycemic Control and Reduces the Expression of Inflammatory Cytokine Genes in Peripheral Leukocytes
Kazuki Mochizuki, Nanae Fukaya, Yutaro Tanaka, Masahiro Fuchigami, and Toshinao Goda 1560
- Insulin Improves β -Cell Function in Glucose-Intolerant Rat Models Induced by Feeding a High-Fat Diet
Hui-qing Li, Bao-ping Wang, Xiu-Ling Deng, Jiao-yue Zhang, Yong-bo Wang, Juan Zheng, Wen-fang Xia, Tian-shu Zeng, and Lu-lu Chen 1566

(Contents continued)

Metabolic Imbalance of the Insulin-Like Growth Factor-I Axis in Zucker Diabetic Fatty Rats <i>Frédéric De Ceuninck, Jean-Olivier Rolin, Audrey Caliez, Louise Baschet, and Alain Ktorza</i>	1575
Ritonavir Inhibits the Two Main Prasugrel Bioactivation Pathways In Vitro: A Potential Drug-Drug Interaction in HIV Patients <i>Youssef Daali, Virginie Ancrenaz, Marija Bosilkovska, Pierre Dayer, and Jules Desmeules</i>	1584
Cinnamon Increases Liver Glycogen in an Animal Model of Insulin Resistance <i>Karine Couturier, Bolin Qin, Cecile Batandier, Manar Awada, Isabelle Hininger-Favier, Frederic Canini, Xavier Leverve, Anne Marie Roussel, and Richard A. Anderson</i>	1590
Resveratrol Attenuates High-Fat Diet-Induced Insulin Resistance by Influencing Skeletal Muscle Lipid Transport and Subsarcolemmal Mitochondrial β -Oxidation <i>Lu-Lu Chen, Hao-Hao Zhang, Juan Zheng, Xiang Hu, Wen Kong, Di Hu, Su-Xing Wang, and Ping Zhang</i>	1598
Deletion of Interleukin-6 Improves Pyruvate Tolerance Without Altering Hepatic Insulin Signaling in the Leptin Receptor-Deficient Mouse <i>Alicia H. Clementi, Allison M. Gaudy, Teresa A. Zimmers, Leonidas G. Koniaris, and Robert A. Mooney</i>	1610

Methods

Micronucleus Evaluation in Mitogen-Stimulated Lymphocytes of Patients With Acromegaly <i>Zuhal Hamurcu, Ilkay Cakir, Hamiyet Donmez-Altuntas, Nazmiye Bitgen, Züleyha Karaca, Gülsah Elbuken, and Fahri Bayram</i>	1620
Relationship Between Glucose Volume of Distribution and the Extracellular Space: A Multiple Tracer Study <i>Andrea Mari, Peter Thomas Zafian, Joana Achanfuo-Yeboah, and Raul Cesar Camacho</i>	1627

Translational

Genotype Risk Score of Common Susceptible Variants for Prediction of Type 2 Diabetes Mellitus in Japanese: The Shimanami Health Promoting Program (J-SHIP Study): Development of Type 2 Diabetes Mellitus and Genotype Risk Score <i>Yasuharu Tabara, Haruhiko Osawa, Ryuichi Kawamoto, Hiroshi Onuma, Ikki Shimizu, Hideichi Makino, Katsuhiko Kohara, and Tetsuro Miki</i>	1634
Portal Vein and Systemic Adiponectin Concentrations Are Closely Linked With Hepatic Glucose and Lipoprotein Kinetics in Extremely Obese Subjects <i>Faidon Magkos, Elisa Fabbrini, Bruce W. Patterson, J. Christopher Eagon, and Samuel Klein</i>	1641