

## CONTENTS

Preliminary Report: Association of a Polymorphism of the Matrix Metalloproteinase-9 Gene With Bone Mineral Density in Japanese Men <i>Yoshiji Yamada, Fujiko Ando, Naoakira Niino, and Hiroshi Shimokata</i>	135
Preliminary Report: Insulin Resistance Is Associated With Increased Serum Levels of Glycosylphosphatidylinositol-Specific Phospholipase D <i>Trisha A. Kurtz, Naomi S. Fineberg, Robert V. Considine, and Mark A. Deeg</i>	138
Preliminary Report: Lipoproteins During the Estrous Cycle in Swine <i>Ying Liu, R. Scott Rector, Tom R. Thomas, Julia A. Taylor, Denise A. Holiman, Kyle K. Henderson, Wade V. Welshons, and Michael S. Sturek</i>	140
Body Mass Index Is the Most Important Determining Factor for the Degree of Insulin Resistance in Non-obese Type 2 Diabetic Patients in Korea <i>Sang Ah Chang, Hee Seung Kim, Kun Ho Yoon, Seung Hyun Ko, Hyuk Sang Kwon, Sung Rae Kim, Won Chul Lee, Soon Jib Yoo, Hyun Sik Son, Bong Yun Cha, Kwang Woo Lee, Ho-Young Son, and Sung Koo Kang</i>	142
Attenuation by 4-Aminopyridine of Delayed Vasorelaxation by Troglitazone <i>Jacob D. Peuler, R.K.N. Warfield, and Laura E. Phelps</i>	147
An $\omega$ -3 Polyunsaturated Fatty Acid Concentrate Increases Plasma High-Density Lipoprotein 2 Cholesterol and Paraoxonase Levels in Patients With Familial Combined Hyperlipidemia <i>Laura Calabresi, Barbara Villa, Monica Canavesi, Cesare R. Sirtori, Richard W. James, Franco Bernini, and Guido Franceschini</i>	153
Effect of Metformin Treatment on Multiple Cardiovascular Disease Risk Factors in Patients With Type 2 Diabetes Mellitus <i>Fahim Abbasi, James W. Chu, Tracey McLaughlin, Cindy Lamendola, Elizabeth T. Leary, and Gerald M. Reaven</i>	159
Effect of R(+) $\alpha$ -Lipoic Acid on Pyruvate Metabolism and Fatty Acid Oxidation in Rat Hepatocytes <i>Jennie L. Walgren, Zainab Amani, JoEllyn M. McMillan, Mathias Locher, and Maria G. Buse</i>	165
Cyclooxygenase Inhibition Is Associated With Downregulation of Apolipoprotein AI Promoter Activity in Cultured Hepatoma Cell Line HepG2 <i>Mohamad H. Horani, Freij Gopal, Michael J. Haas, Norman C.W. Wong, and Arshag D. Mooradian</i>	174
Associations Between Serum High-Density Lipoprotein Cholesterol or Apolipoprotein AI Levels and Common Genetic Variants of the ABCA1 Gene in Japanese School-aged Children <i>Kimiko Yamakawa-Kobayashi, Hisako Yanagi, YuXing Yu, Kazue Endo, Tadao Arinami, and Hideo Hamaguchi</i>	182
Sex Steroids and Plasma Lipoprotein Levels in Healthy Women: The Importance of Androgens in the Estrogen-Deficient State <i>André P. van Beek, Florianne C. de Ruijter-Heijstek, Hans Jansen, D. Willem Erkelens, and Tjerk W.A. de Bruin</i>	187
Apolipoprotein E Genotype and Changes in Serum Lipids and Maximal Oxygen Uptake With Exercise Training <i>Paul D. Thompson, Gregory J. Tsongalis, Richard L. Seip, Cherie Bilbie, Mary Miles, Robert Zoeller, Paul Visich, Paul Gordon, Theodore J. Angelopoulos, Linda Pescatello, Linda Bausserman, and Niall Moyna</i>	193
During Exercise in the Cold Increased Availability of Plasma Nonesterified Fatty Acids Does Not Affect the Pattern of Substrate Oxidation <i>Joseph D. Layden, Dalia Malkova, and Myra A. Nimmo</i>	203

(Contents continued)

Circulating Adrenocorticotrophic Hormone (ACTH) and Cortisol Concentrations in Normal, Appropriate-for-Gestational-Age Newborns Versus Those With Sepsis and Respiratory Distress: Cortisol Response to Low-Dose and Standard-Dose ACTH Tests <i>Ashraf T. Soliman, Khaled H. Taman, Mohamed M. Rizk, Ibrahim S. Nasr, Hala AlRimawy, and Mohamed S.M. Hamido</i>	209
Plasma Transport of Vitamin K in Men Using Deuterium-Labeled Collard Greens <i>Arja T. Erkkilä, Alice H. Lichtenstein, Gregory G. Dolnikowski, Michael A. Grusak, Susan M. Jalbert, Katherine A. Aquino, James W. Peterson, and Sarah L. Booth</i>	215
Kidney Oxygenation During Water Diuresis and Endothelial Function in Patients With Type 2 Diabetes and Subjects at Risk to Develop Diabetes <i>Panayiotis A. Economides, Antonella Caselli, Chun S. Zuo, Caitlin Sparks, Lalita Khaothiar, Nicholas Katsilambros, Edward S. Horton, and Aristidis Veves</i>	222
Insulin Regulates Hepatic Apolipoprotein B Production Independent of the Mass or Activity of Akt1/PKB $\alpha$ <i>Crystal S. Au, Amy Wagner, Taryne Chong, Wei Qiu, Janet D. Sparks, and Khosrow Adeli</i>	228
Supplementation With $\omega$ 3 Polyunsaturated Fatty Acids and <i>all-rac</i> Alpha-Tocopherol Alone and in Combination Failed to Exert an Anti-inflammatory Effect in Human Volunteers <i>Sonia Vega-López, Nalini Kaul, Sridevi Devaraj, Ru Ya Cai, Bruce German, and Ishwarlal Jialal</i>	236
The Metabolic Response to Ingestion of Proline With and Without Glucose <i>Frank Q. Nuttall, Mary C. Gannon, and Kelly Jordan</i>	241
Differences in $\beta$ -Adrenergic Receptor Densities in Omental and Subcutaneous Adipose Tissue From Obese African American and Caucasian Women <i>Mona M. McConnaughey, Kathryn Ann Sheets, Julianne Davis, Jonathan Privette, Robert Hickner, Brandon Christian, and Hisham Barakat</i>	247
Lys <sup>9</sup> for Glu <sup>9</sup> Substitution in Glucagon-Like Peptide-1(7-36)Amide Confers Dipeptidylpeptidase IV Resistance With Cellular and Metabolic Actions Similar to Those of Established Antagonists Glucagon-Like Peptide-1(9-36)Amide and Exendin (9-39) <i>B.D. Green, M.H. Mooney, V.A. Gault, N. Irwin, C.J. Bailey, P. Harriott, B. Greer, P.R. Flatt, and F.P.M. O'Harte</i>	252
Lipoprotein Lipase Activator NO-1886 Improves Fatty Liver Caused by High-Fat Feeding in Streptozotocin-Induced Diabetic Rats <i>Masataka Kusunoki, Kazuhiko Tsutsumi, Yasuhide Inoue, Tsutomu Hara, Tetsuo Miyata, Takao Nakamura, Hitoshi Ogawa, Fumihiko Sakakibara, Yoshitaka Fukuzawa, Naomi Okabayashi, Koich Kato, Hiroshi Ikeda, Tsuyoshi Kurokawa, Tetsuro Ishikawa, Kazuo Otake, and Yutaka Nakaya</i>	260
Correspondence	264