A Role for Platelets and Thrombin in the Juvenile Stroke of Two Siblings With Defective Thrombin-Adsorbing Capacity of Fibrin(ogen)

Giovanni Di Minno, José Martinez, Ferdinando Cirillo, Anna Maria Cerbone, Melvin J. Silver, Mario Caluetti, Maurizio Margaglione, Rossella Tauro, Nicola Semeraro, Aldo Quattrone, and Mario Mancini

Plasma Concentrations of Cholesteryl Ester Transfer Protein in Hyperlipoproteinemia: Relation to Cholesteryl Ester Transfer Protein Activity and Other Lipoprotein Variables

Ruth McPherson, Christopher J. Mann, Alan R. Tall, Mireille Hogue, Lisa Martin, Ross W. Milne, and Yves L. Marcel

Modulation of Extracellular Matrix Proteins by Endothelial Cells Undergoing Angiogenesis In Vitro

M. Luisa Iruela-Arispe, Clement A. Diglio, and E. Helene Sage

Comparison Between Morning and Evening Doses of Simvastatin in Hyperlipidemic Subjects: A Double-Blind Comparative Study

Yasushi Saito, Sho Yoshida, Noriaki Nakaya, Yoshiya Hata, and Yuichiro Goto

Metabolism of Lipoprotein Remnants in Humans: Studies During Intestinal Infusion of Fat and Cholesterol in Subjects With Varying Expression of the Low Density Lipoprotein Receptor

Mats Eriksson, Bo Angelin, Peter Henriksson, Sverker Ericsson, Sigurd Vitols, and Lars Berglund

Dissociation Between Postprandial Lipemia and High Density Lipoprotein Cholesterol Concentrations in Endurance-Trained Men

Jonathan C. Cohen, James Stray-Gundersen, and Scott M. Grundy

Genetic and Environmental Contributions to Cholesterol and Its Subfractions in 11-Year-Old Twins: The Medical College of Virginia Twin Study


The Mutation Causing the Common Apolipoprotein A-IV Polymorphism Is a Glutamine to Histidine Substitution of Amino Acid 360

Heli Tenkanen, Matti Lukka, Matti Jauhiainen, Jari Metso, Marc Baumann, Leena Peltonen, and Christian Ehnholm

Expression of Lipoprotein Lipase mRNA in Rat Heart Is Localized Mainly to Mesenchymal Cells as Studied by In Situ Hybridization

Olga Stein, Yechezkiel Stein, Sigal Pressman Schwartz, Ayeleth Reshef, Tova Chajek-Shaul, Mazal Ben-Nairn, Gideon Friedman, and Eran Leitersdorf

Fish Oil Supplementation Reduces β-Very Low Density Lipoprotein in Type III Dysbetalipoproteinemia

Jean Dallongeville, Lucie Boulet, Jean Davignon, and Suzanne Lussier-Cacan

Effects of Tumor Necrosis Factor on Prostacyclin Production and the Barrier Function of Human Endothelial Cell Monolayers

Erna G. Langelor, Walter Fiers, and Victor W.M. van Hinsbergh

Activation of Calpain I and Hydrolysis of Calpain Substrates (Actin-Binding Protein, Glycoprotein Ib, and Talin) Are Not a Function of Thrombin-Induced Platelet Aggregation

June D. Wencel-Drake, Janice R. Okita, Douglas S. Annis, and Thomas J. Kunicki
Effects of Transforming Growth Factor-β1 on Human Arterial Smooth Muscle Cells In Vitro
Sören Björkerud .................................................. 892

Dietary Eicosapentaenoic Acid and Docosahexaenoic Acid From Fish Oil: Their Incorporation Into Advanced Human Atherosclerotic Plaques
Joseph H. Rapp, William E. Connor, Don S. Lin, and John M. Porter ................................. 903

Effects of Exercise Training on Cardiovascular Function and Plasma Lipid, Lipoprotein, and Apolipoprotein Concentrations in Premenopausal and Postmenopausal Women
James A. Blumenthal, Karen Matthews, Mats Fredriksson, Nader Rifi, Susan Schniebolk, Deborah German, John Steege, and Judith Rodin ........................................ 912

Mechanisms of Hypertriglyceridemia in the Coconut Oil/Cholesterol-Fed Rabbit: Increased Secretion and Decreased Catabolism of Very Low Density Lipoprotein
Margaret Van Heek and Donald B. Zilversmit ............................................................. 918

A Nifedipine-Sensitive Smooth Muscle Cell Population Is Present in the Atherosclerotic Rabbit Aorta
Paolo Pauletto, Gianluigi Scannapieco, Anna Carmen Borrione, Anna Maria Cecilia Zanellato, Marta Tonello, Luca Giuriato, Achille C. Pessina, Cesare Dal Pali, and Saverio Sartore .......................... 928

Serum Lipoprotein(a) in Patients Heterozygous for Familial Hypercholesterolemia, Their Relatives, and Unrelated Control Populations
A.D. Mbewu, D. Bhatnagar, P.N. Durrington, L. Hunt, M. Ishola, S. Arrol, M. Mackness, P. Lockley, and J.P. Miller .......................................................... 940

Differential Accumulation of Intimal Monocyte–Macrophages Relative to Lipoproteins and Lipofuscin Corresponds to Hemodynamic Forces on Cardiac Valves in Mice
Margarete Mehrabian, Linda L. Deiner, and Aldons J. Lusis ............................................. 947

Cardiovascular Disease and Arterial Calcification in Insulin-Dependent Diabetes Mellitus: Interrelations and Risk Factor Profiles: Pittsburgh Epidemiology of Diabetes Complications Study-V
Raelene E. Maser, Sidney K. Wolfson Jr., Demetrius Ellis, Evan A. Stein, Allan L. Drash, Dorothy J. Becker, Janice S. Dorman, and Trevor J. Orchard ........................................... 958

Risk Factors for Early Carotid Atherosclerosis in Middle-Aged French Women
Claire Bonithon-Kopp, Pierre-Yves Scarabin, Anne Taquet, Pierre-Jean Touboul, Alain Malmejac, and Louis Guize ......................................................... 966

The Role of Insulin and Body Fat in Associations of Physical Activity With Lipids and Lipoproteins in a Biethnic Population: The San Luis Valley Diabetes Study

Leukocytosis in Rabbits With Diet-Induced Atherosclerosis
David L. Feldman, Therese C. Mogelesky, Barbara F. Liptak, and Ross G. Gerrity ................. 985

Lipoprotein Receptors of HL-60 Macrophages: Effect of Differentiation With Tetramyristic Phorbol Acetate and 1,25-Dihydroxyvitamin D₃
Zeinab E. Jouni and Donald J. McNamara .................................................................. 995

Abnormal Processing of Golgi Elements and Lysosomes in Tangier Disease
H. Robenek and G. Schmitz .................................................................................... 1007

Interaction of LpB, LpB:E, LpB:C-III, and LpB:C-III:E Lipoproteins with the Low Density Lipoprotein Receptor of HeLa Cells
Geneviève Agnani, Jean Marie Bard, Laurent Candelier, Sophie Delattre, Jean-Charles Fruchart, and Véronique Clavey ........................................................... 1021

Lipoprotein(a) and Apolipoprotein(a) in a New World Monkey, the Common Marmoset
(Callithrix jaccus): Association of Variable Plasma Lipoprotein(a) Levels With a Single Apolipoprotein(a) Isoform
Heng-Chang Guo, Jean-Baptiste Michel, Yves Blouquit, and M. John Chapman .......... 1030

Role of Protein Kinase C and Cyclic Adenosine Monophosphate in the Regulation of Tissue-Type Plasminogen Activator, Plasminogen Activator Inhibitor-1, and Platelet-Derived Growth Factor mRNA Levels in Human Endothelial Cells: Possible Involvement of Proto-oncogenes c-jun and c-fos
Teake Kooistra, Piter J. Bosma, Karin Toet, Louis H. Cohen, Martieke Griffioen, Eva van den Berg, Lies le Clercq, and Victor W.M. van Hinsbergh .............................................. 1042

Transforming Potential Is Detectable in Arteriosclerotic Plaques of Young Animals
Arthur Penn, Frank C. Hubbard Jr., and Joan Lee Parkes ............................................. 1053

Will a High-Carbohydrate, Low-Fat Diet Lower Plasma Lipids and Lipoproteins Without Producing Hypertriglyceridemia?
Daniel Ullmann, William E. Connor, Lauren F. Hatcher, Sonja L. Connor, and Donna P. Flavell .... 1059
Asymptomatic Atherosclerosis and Insulin Resistance
Markka Laakso, Helena Sarlund, Riitta Salonen, Matti Suhonen, Kalevi Pyörälä, Jukka T. Salonen, and Pauli Karhapää ................................................................. 1068

Relations of Body Habitus, Fitness Level, and Cardiovascular Risk Factors Including Lipoproteins and Apolipoproteins in a Rural and Urban Costa Rican Population
Hannia Campos, Stephen M. Bailey, Lisa S. Gussak, Xinia Siles, Jose M. Ordovas, and Ernst J. Schaefer ................................................................. 1077

Nutrient Intake Comparisons Between Framingham and Rural and Urban Puriscal, Costa Rica: Associations With Lipoproteins, Apolipoproteins, and Low Density Lipoprotein Particle Size
Hannia Campos, Walter C. Willett, Rose Marie Peterson, Xinia Siles, Stephen M. Bailey, Peter W.F. Wilson, Barbara M. Posner, Jose M. Ordovas, and Ernst J. Schaefer ................................................................. 1089

Influences of Common Variants of Apolipoprotein E on Measures of Lipid Metabolism in a Sample Selected for Health
Marianne Xhignesse, Suzanne Lussier-Cacan, Charles F. Sing, Anna M. Kessling, and Jean Davignon ................................................................. 1100

Peritoneal Macrophage Cholesteryl Ester Content as a Function of Plasma Cholesterol in Rats
Roberto Musanti, Augusto Chiari, and Giancarlo Ghiselli ................................................................. 1111

Meeting Summary

The 13th Annual Meeting of the European Lipoprotein Club
Lawrence P. Aggerbeck, Louis M. Havekes, Steve Humphries, Gerd Schmitz, Anne K. Soutar, Marja-Riitta Taskinen, and Rudolf Zechner ................................................................. 1120

NEWS FROM THE AMERICAN HEART ASSOCIATION ................................................................. A1128
MEETINGS CALENDAR
Domestic ................................................................. A1132
Abroad ................................................................. A1136