AMPLIFIED TITLES

This list is designed to aid the reader in scanning the issue for topics of interest. To each title are added key words indicating topics dealt with in the paper but not specifically referred to in the title.

1. **Immunological and Functional Properties of In Vitro Oxidized Low Density Lipoprotein**
   - copper ions
   - phospholipase A2
   - lipoxygenase
   - apoB-100 epitopes
   - apoB/E receptor
   - macrophagic scavenger receptor
   - P. Harduin, A. Taillaux, S. Letavel, V. Clauzy, J-C. Fruchart, C. Fieuet

2. **Lechitin:Cholesterol Acyltransferase Deficiency: Identification of Two Defective Alleles in Fibroblast cDNA**
   - complementary DNA
   - fibroblasts
   - LCAT
   - HDL-C
   - genetic disease
   - M. Miller, K. Zeller, P. C. Kuijersweck, J. J. Albers, G. Fournier

3. **Absence of N-Glycosylation at Asparagine 43 in Human Lipoprotein Lipase Induces Its Accumulation in the Rough Endoplasmic Reticulum and Alters This Cellular Compartment**
   - intracellular processing
   - secretion
   - mutation
   - transfection
   - tunicamycin
   - R. Busca, M. A. Pujana, P. Poggiolico, J. Auwerx, S. S. Deeb, M. Reina, S. Vilari

4. **Identification of Arachidonate Epoxides/Diols by Capillary Chromatography-Mass Spectrometry**
   - arachidonic acid
   - polyunsaturated fatty acids
   - eicosanoids
   - epoxyeicosatrienoic acids
   - dihydroxyeicosatrienoic acid
   - M. VanRollins, H. R. Knapp

5. **In Vitro Expression of Natural Mutants of Human Lechitin:Cholesterol Acyltransferase**
   - LCAT deficiency
   - cholesterol transport
   - high density lipoproteins
   - S-J. Qu, H-Z. Fan, F. Blanco-Vaca, H. J. Poussin

6. **Pig Plasma Phospholipid Transfer Protein Facilitates HDL Interconversion**
   - HDL subclasses
   - pig lipoproteins
   - P. Passinen, M. Jauhaisinen, J. Metso, J. Tuynel, C. Ehnholm

7. **Phytanic Acid Oxidation: Topographical Localization of Phytanoyl-CoA Ligase and Transport of Phytanic Acid into Human Peroxisomes**
   - acyl-CoA ligase
   - topology
   - α-oxidation
   - pristanic acid
   - K. Phan, I. Singh

8. **Conversion of α-Linolenate to Docosahexaenoate Is Not Depressed by High Dietary Levels of Linoleate in Young Rats: Tracer Evidence Using High Precision Mass Spectrometry**
   - essential fatty acid deficiency
   - liver fatty acids
   - brain fatty acids

9. **Regulatory Effects of n-3 Polyunsaturated Fatty Acids on Hepatic LDL Uptake in the Hamster and Rat**
   - LDL receptor
   - LDL receptor mRNA
   - VLDL
   - LDL receptor-related protein/α2-macroglobulin receptor
   - D. K. Spady, J. D. Horion, J. A. Cuithbert
Regulation of Human Apolipoprotein A-I Expression in Caco-2 and HepG2 Cells by All-Trans and 9-Cis Retinoic Acids

retinoids • apoA-I gene promoter activity • apoA-I mRNA • luciferase • nuclear run-on assay

T. Giller, U. Hennes, H. J. Kempen

C-Terminal Domain of Human Pancreatic Lipase Is Required for Stability and Maximal Activity but Not Colipase Reactivation

protein expression • site-specific mutagenesis • triglycerides

M. L. Jennens, M. E. Lowe

Role of Apolipoprotein B-Derived Radical and γ-Tocopherol Radical in Peroxidase-Dependent Oxidation of Low Density Lipoprotein

horseradish peroxidase • oxidation • vitamin E • apolipoprotein B

B. Kalyanasundaram, V. Darley-Usmar, A. Struck, N. Hogg, S. Purthasamthy

Biosynthesis of Chylomicron Triacylglycerols by Rats Fed Glycerol or Alkyl Esters of Menhaden Oil Fatty Acids

gas chromatography • polar liquid phase • liquid chromatography • chiral phase • diacylglycerols • triacylglycerols • lymph • enantiomers • reverse isomers

L-Y. Yang, A. Kuksi, J. J. Myher

Serum Amyloid A (SAA): Influence on HDL-Mediated Cellular Cholesterol Efflux

acute phase proteins • apolipoproteins • reverse cholesterol transport

C. L. Banka, T. Yuan, M. C. de Beer, M. Kindy, L. K. Curtiss, F. C. de Beer

Bacterial Expression and Site-Directed Mutagenesis of a Functional Recombinant Apolipoprotein

apolipoprophorin III • lipid • bacteria • insect • Manduca sexta


Microsomal Triglyceride Transfer Protein (MTP) Regulation in HepG2 Cells: Insulin Negatively Regulates MTP Gene Expression

plasma lipoproteins • apolipoprotein B • very low density lipoproteins • lipid transfer protein • protein disulfide isomerase • insulin-like growth factor-1

M. C. M. Lin, D. Gordon, J. R. Wetterau

Transgenic Mice Expressing Both Human Apolipoprotein B and Human CETP Have a Lipoprotein Cholesterol Distribution Similar to That of Normolipidemic Humans

cholesterol ester transfer protein • apolipoprotein B • transgenic mice • lipoprotein cholesterol distribution

D. S. Grass, U. Saini, R. H. Felkner, R. E. Wallace, W. J. P. Lago, S. G. Young, M. E. Swanson

Movement of 25-Hydroxycholesterol from the Plasma Membrane to the Rough Endoplasmic Reticulum in Cultured Hepatoma Cells

oxysterols • plasma membrane cholesterol

Y. Lange, J. Ye, F. Strebel

Effects of 2164U90 on Ileal Bile Acid Absorption and Serum Cholesterol in Rats and Mice

active transport • enterohepatic circulation • hyperlipidemia • LDL • bile acid excretion • biliary lipids • taurocholic acid • cholestyramine • bile • 23,25-32Se-labeled homocholic acid taurine

M. C. Lewis, L. E. Bretaddy, C. Root
INHIBITION OF ILEAL SODIUM-DEPENDENT BILE ACID TRANSPORT BY 2164U90
enterohepatic circulation • bile acid transporter • competitive inhibition • tauro-
cholic acid • active transport • brush border membranes • everted ileal sacs •
Caco-2 cells • hypolipidemic agents • hypocholesterolemic agents
C. Root, C. D. Smith, D. A. Winegar, L. E. Brieaddy, M. C. Lewis

BILAYER CHARACTERISTICS OF A DIETHER PHOSPHONOLIPID ANALOG OF THE MAJOR LUNG
SURFACTANT GLYCEROPOHOSPHOLIPID DIPALMITOYL PHOSPHATIDYLCOLINE
DEPN • interdigitated lamellar phase • X-ray diffraction • differential scanning
V. Skita, D. W. Chester, C. J. Oliver, J. G. Turcotte, R. H. Notter

PSYLLIUM REDUCES PLASMA LDL IN GUINEA PIGS BY ALTERING HEPATIC CHOLESTEROL
HOMEOSTASIS
very low density lipoprotein • lipoprotein composition • HMG-CoA reductase •
M. L. Fernandez, L. R. Ruiz, A. K. Conde, D-M. Sun, S. K. Erickson, D. J. McNamara

NEW APPROACH TO ASSESS THE CHOLESTEROL DISTRIBUTION IN THE EYE LENS: CONFOCAL
RAMAN MICROSCOPY AND FILIPIN CYTOCHEMISTRY
membranes • cholesterol • eye lens • Raman microscopy • filipin

HIGHLY EFFICIENT IMMOBILIZATION OF PHOSPHOLIPASE A2 AND ITS BIOMEDICAL APPLICATIONS
Z. Shen, W. Cho

COVER: Immunofluorescence detection of human LPL in transfected COS1 cells. Cells were transfected with expression vector alone (left vertical panels), wild
type hLPL (central vertical panels), and mutated N43A human LPL (right vertical panels). Detection was performed with monoclonal 5D2 antibodies (upper horizontal panels), polyclonal chicken anti-bovine LPL (central horizontal panels). Nuclei were stained with Hoeschst (lower horizontal panels). (See Buscà et al., p. 939.)