The role of ApoCI, LPL and CETP in plasma lipoprotein metabolism - studies in mice

Hoogt, C.C. van der

Abbreviations

aa	amino acid
ABCA1/G1/G4	adenosine triphosphate-binding cassette A1/G1/G4 transporter
Adapoa5	adenovirus expressing murine apoAV
AdAPOC1	adenovirus expressing human apoCI
AdLacZ	adenovirus expressing ß-galactosidase
AdLPL	adenovirus expressing human LPL
APOC1	human apoCI expressing mice
Apo	apolipoprotein
bp	basepairs
BSA	bovine serum albumin
cDNA	complementary DNA
CE	cholesteryl ester
CETP	cholesteryl ester transfer protein
CLA1	CD36- and LIMPII-analogous 1
CM	chylomicron(s)
CMR	chylomicron remnant(s)
CO	cholesteryl oleate
COEth	cholesteryl oleoyl ether
CVD	cardiovascular disease
Diet W	diet containing 0.25% cholesterol (w/w) and 15% corn oil (w/w)
dHDL	discoidal high-density lipoprotein
DiI	1,1'-dioctadecyl-3,3,3',3'-tetramethylindocarbocyanide perchlorate
DNA	deoxyribonucleic acid
EDTA	ethylenediaminetetraacetic acid
ELISA	enzyme-linked immunosorbent assay
E3L	APOE*3-Leiden transgenic mice
FC	free cholesterol
FCR	fractional catabolic rate
FFA	free fatty acids
FPLC	fast-performance liquid chromatography
HDL	high-density lipoprotein
HDL-CE	cholesteryl esters in HDL
HL	hepatic lipase
HMG-CoA	3-hydroxy-3-methylglutaryl coenzyme A
HRP	horse radish peroxidase
HSPG	heparan sulfate proteoglycans
IDL	intermediate-density lipoprotein
LCAT	lecithin:cholesterol acyl transferase
LDL	low-density lipoprotein

LDLr	LDL receptor
LPL	lipoprotein lipase
LRP	LDL receptor-related protein
LXR	liver X receptor
mHDL	mature high-density lipoprotein
mRNA	messenger RNA
PBS	phosphate buffered saline
PCR	polymerase chain reaction
pfu	plaque forming unit
pI:pC	polyinosinic:polycytidylic ribonucleic acid
PL	phospholipids
PLTP	phospholipid transfer protein
PPARα	peroxisome proliferator-activated receptor α
PPREs	peroxisome proliferator response elements
RCT	reverse cholesterol transport
RNA	ribonucleic acid
RXR	retinoid X receptor
SR-BI	scavenger receptor class B type I
TC	total cholesterol
TG	triglycerides
TO	triolein
VLDL	Very low-density lipoprotein
VLDLr	VLDL receptor
VLDL-TG	triglycerides in VLDL