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The ABC of cholesterol transport

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The **ABC** of Cholesterol Transport

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RIJKSUNIVERSITEIT GRONINGEN

The ABC of Cholesterol Transport

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aan de Rijksuniversiteit Groningen
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To my family and friends.

Paranimfen:

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Nicolette C.A. Huijkman

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Abbreviations

ABC	Adenosine triphosphate-binding cassette
ACAT	acyl-coenzyme A:cholesterol acyltransferase
APOA-1, APOB	apolipoprotein A-1, B
BBM	brush border membrane
BSEP	bile salt export pump
BW	body weight
CETP	cholesteryl ester-transfer protein
C7A1	cholesterol-7 α -hydroxylase
CYP8B1	sterol 12-alpha-hydroxylase
CYP27	sterol 27-hydroxylase
EPP	erythropoietic protoporphyria
<i>Fech</i>	inactivating point mutation in ferrochelatase gene
FPLC	fast protein liquid chromatography
FXR	farnesoid-X-receptor
HDL	high density lipoprotein
HMGCR	3-hydroxy-3-methylglutaryl-coenzyme A reductase
IDL	intermediate-density-lipoprotein
LacZ	beta-galactosidase
LCAT	lecithin:cholesterol acyltransferase
LDLR	low-density-lipoprotein receptor
LDL	low-density-lipoprotein
LPL	lipoprotein lipase
Lp-X	lipoprotein-X
LRH-1	liver receptor homolog 1
LRP	LDL-receptor related protein
LXR	liver X-receptor
MDR2	multidrug resistance P-glycoprotein 2
MTP	microsomal triacylglycerol transfer protein
nCEH	neutral cholesteryl ester hydrolase
Neo	neomycin resistance cassette
NPC1	Niemann-Pick C1
NPC1L1	Niemann-Pick C1-like protein 1
NTCP	Na/taurocholate cotransporting polypeptide
OATP1	organic anion transporting polypeptide 1
PPAR	peroxisome proliferator-activated receptor
RCT	reverse cholesterol transport
RXR	retinoid X-receptor
SRB1, SR-BI	scavenger receptor BI
SREBP	sterol regulatory element-binding protein
TDCA	taurodeoxycholate
TUDCA	tauroursodeoxycholate
VLDL	very-low-density-lipoprotein