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The ABC of cholesterol transport

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Document Version

Publisher's PDF, also known as Version of record

Publication date:

2004

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Plösch, T. (2004). The ABC of cholesterol transport Groningen: s.n.

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The **ABC** of Cholesterol Transport

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RIJKSUNIVERSITEIT GRONINGEN

The ABC of Cholesterol Transport

Proefschrift

ter verkrijging van het doctoraat in de
Medische Wetenschappen
aan de Rijksuniversiteit Groningen
op gezag van de
Rector Magnificus, dr. F. Zwarts,
in het openbaar te verdedigen op
woensdag 27 oktober 2004
om 13.15 uur

door

Torsten Plösch
geboren op 2 november 1969
te Bremen, Duitsland

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To my family and friends.

Paranimfen:

Vincent W. Bloks

Nicolette C.A. Huijkman

The research described in this thesis was performed at the laboratory of the Department of Pediatrics, Faculty of Medical Sciences of the University of Groningen, The Netherlands.

This group participates in the Groningen University Institute for Drug Exploration (GUIDE), Center for Liver, Digestive, and Metabolic Diseases. This work was supported by an Ubbo Emmius scholarship of the University of Groningen and by the Netherlands Organization for Scientific Research (NWO), grant 902-23-193.

The printing of this thesis was financially supported by the following organizations. Their contribution is gratefully acknowledged:

Arie Blok B.V., Woerden

Dr. Ir. van de Laar Stichting, Heerlen

Eurogentec s.a., Seraing (Belgium)

Groningen University Institute for Drug Exploration (GUIDE), Groningen

Harlan Netherlands B.V., Horst

J.E. Jurriaanse Stichting, Rotterdam

Nederlandse Organisatie voor Wetenschappelijk Onderzoek (NWO), Den Haag

Nederlandse Vereniging voor Hepatologie (NVH), Haarlem

Sanyo Gallenkamp, Etten-Leur

Unilever Health Institute, Vlaardingen, The Netherlands

Zambon Nederland B.V., Amersfoort

Permission was granted from the copyright holders for including the articles in chapter 2, 3 and 6 of this thesis.

Cover design: Torsten Plösch and Peter van der Sijde
(Contour plot of transporter expressions of Abca1 knock-out mice)

Printed by: Ponsen & Looijen B.V., Wageningen, The Netherlands

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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