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Essential fatty acid absorption and metabolism in hepatic disorders

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Essential fatty acid absorption and metabolism in hepatic disorders

food for thought

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Center for Liver, Digestive and Metabolic Diseases
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Rijksuniversiteit Groningen

**Essential fatty acid
absorption and metabolism
in hepatic disorders**

food for thought

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Voor Folkert

*Il est très simple: on ne voit bien qu' avec le coeur.
L'essentiel est invisible pour les yeux.*

Le petit prince, Antoine de Saint-Exupéry

Paranimfen:

Renate Wachters-Hagedoorn

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ABBREVIATIONS

AA	arachidonic acid (C20:4n-6)
ALA	alpha-linolenic acid (C18:3n-3)
ALT	alanine aminotransferase
AST	aspartate aminotransferase
AP	alkaline phosphatase
CF	cystic fibrosis
CM	chylomicron(s)
CPT	carnitine palmitoyl-CoA transferase
DHA	docosahexaenoic acid (C22:6n-3)
DPA	docosapentaenoic acid (C20:5n-3)
EFA	essential fatty acid(s)
EFAD	essential fatty acid-deficient
EFAS	essential fatty acid-sufficient
EPA	eicosapentaenoic acid (C20:5n-3)
FA	fatty acid(s)
FABP	fatty acid binding protein
FFA	free fatty acid(s)
gGT	gamma glutamyl transferase
HDL	high density lipoprotein(s)
HL	hepatic lipase
LA	linoleic acid (C18:2n-6)
LCPUFA	long-chain polyunsaturated fatty acid(s)
LPL	lipoprotein lipase
MCT	medium-chain triglycerides
Mdr	multidrug resistance protein
MUFA	monounsaturated fatty acid(s)
OLT	orthotopic liver transplantation
PC	phosphatidyl choline
PL	phospholipid(s)
PPAR α	peroxisome proliferator-activated receptor alpha
PUFA	polyunsaturated fatty acid(s)
RBC	red blood cell(s)
RDI	recommended daily intake
SAFA	saturated fatty acid(s)
SREBP	sterol regulatory element binding protein
TG	triglyceride(s)
VLDL	very low density lipoprotein(s)