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The ABC of cholesterol transport

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List of Publications

1. Bloks VW, Plösch T, van Goor H, Roelofsen H, Baller JFW, Havinga R, Verkade HJ, van Tol A, Jansen PLM, Kuipers F. Hyperlipidemia and atherosclerosis associated with liver disease in ferrochelatase-deficient mice. *J Lipid Res* 2001;42:41-50.
2. Dirksen H, Böcking D, Heyn U, Mandel C, Chung JS, Baggerman G, Verhaert P, Daufeldt S, Plösch T, Jaros PP, Waelkens E, Keller R, Webster SG. Crustacean hyperglycaemic hormone (CHH)-like peptides and CHH-precursor- related peptides from pericardial organ neurosecretory cells in the shore crab, *Carcinus maenas*, are putatively spliced and modified products of multiple genes. *Biochem J* 2001;356:159-170.
3. Plösch T, Bloks VW, Baller JF, Havinga R, Verkade HJ, Jansen PL, Kuipers F. Mdr P-glycoproteins are not essential for biliary excretion of the hydrophobic heme precursor protoporphyrin in a griseofulvin-induced mouse model of erythropoietic protoporphyria. *Hepatology* 2002;35:299-306.
4. Plösch T, Kok T, Bloks VW, Smit MJ, Havinga R, Chimini G, Groen AK, Kuipers F. Increased hepatobiliary and fecal cholesterol excretion upon activation of the liver X receptor is independent of ABCA1. *J Biol Chem* 2002;277:33870-33877.
5. Grefhorst A, Elzinga BM, Voshol PJ, Plösch T, Kok T, Bloks VW, van der Sluijs FH, Havekes LM, Romijn JA, Verkade HJ, Kuipers F. Stimulation of lipogenesis by pharmacological activation of the liver X receptor leads to production of large, triglyceride-rich Very Low Density Lipoprotein particles. *J Biol Chem* 2002;277:34182-34190.
6. Jonker JW, Buitelaar M, Wagenaar E, van der Valk MA, Scheffer GL, Scheper RJ, Plösch T, Kuipers F, Elferink RP, Rosing H, Beijnen JH, Schinkel AH. The breast cancer resistance protein protects against a major chlorophyll-derived dietary phototoxin and protoporphyria. *Proc Natl Acad Sci U S A* 2002;99:15649-15654.
7. Hulzebos CV, Wolters H, Plösch T, Kramer W, Stengelin S, Stellaard F, Sauer PJ, Verkade HJ, Kuipers F. Cyclosporin a and enterohepatic circulation of bile salts in rats: decreased cholate synthesis but increased intestinal reabsorption. *J Pharmacol Exp Ther* 2003;304:356-363.
8. Kusters A, Frijters RJM, Schaap FG, Vink E, Plösch T, Ottenhoff R, Jirsa M, de Cuyper IM, Kuipers F, Groen AK. Relation between hepatic expression of ATP-binding cassette transporters G5 and G8 and biliary cholesterol secretion in mice. *J Hepatology* 2003;38:710-716.
9. Plösch T, Bloks V, Terasawa Y, Berdy S, Siegler K, van der Sluijs F, Kema I, Groen AK, Shan B, Kuipers F, Schwarz M. Sitosterolemia in ABC-Transporter G5-deficient mice is aggravated on activation of the liver-X receptor. *Gastroenterology* 2004;126:290-300.
10. Kruit JK, Plösch T, Havinga R, Boverhof R, Groot PHE, Groen AK, Kuipers F. Increased fecal neutral sterol loss upon liver X receptor activation is independent of biliary sterol secretion in mice. *Submitted*.
11. Plösch T, Kusters A, Groen AK, Kuipers F. The ABC of hepatic and intestinal cholesterol transport. *Submitted*.