Cholesterol and phospholipid transporters in atherosclerotic lesion development

Pennings, M.

Publications

Full Papers

Pennings M., Meurs I., Ye D., Hoekstra M., Van Berkel T.J.C. and Van Eck M.
Regulation of cholesterol homeostasis in macrophages and consequences for atherosclerotic lesion development. *FEBS letters* 2006;580:5588-5596

Pennings M., Hildebrand R.B., Ye D., Van Berkel T.J.C., Groen A.K. and Van Eck M.
Bone marrow derived multidrug resistance protein ABCB4 protects against atherosclerotic lesion development in LDL receptor knock out mice. *Cardiovascular Research* 2007;76:175-183

Van Eck M., Pennings M., Hoekstra M., Out R. and Van Berkel T.J.C.
Scavenger receptor BI and ATP-binding cassette transporter A1 in reverse cholesterol transport and atherosclerosis. *Current Opinion in Lipidology* 2005; 16:307-315

Pennings M., Hildebrand R.B., Chimini G., Kuipers F., Groen A.K., Van Berkel T.J.C. and Van Eck M.
ABCA1/SR-BI double deficient mice demonstrate the independent roles for ABCA1 and SR-BI in reverse cholesterol transport. *In preparation*

Pennings M., Zhao Y., Hildebrand R.B., Ye D., Out R., Kjerrulf M., Hurt-Camejo E., Groen A.K., Chimini G., Van Berkel T.J.C. and Van Eck M.
Massive foam cell formation, atherosclerotic lesion development, and inflammation by combined deletion of ABCA1 and SR-BI in bone marrow-derived cells in LDL receptor knockout mice S*ubmitted*

Published Abstracts

Rensen PCN, Van der Hoogt CC, Pennings M, Van Berkel TJC and Biessen EAL. Targeted correction of apoE2 into apoE3 at the genomic level of chimeraplasty. *Circulation* 2001; 104:II-234.

Pennings M, Hildebrand RB, Van Berkel TJC, Groen AK and Van Eck M. Macrophage ABCB4 deficiency promotes atherosclerotic lesion development in LDL receptor knock out mice. *Circulation* 2005; 112:II-257.

Pennings M, Hildebrand RB, Van Berkel TJC, Kuipers F, Groen AK and Van Eck M. ABCA1xSR-BI double knock out mice show the independent functions of af ABCA1 and SR-BI in reverse cholesterol transport. *Circulation* 2005; 112:II-104

Pennings M, Hildebrand RB, Van Berkel TJC, Groen AK and Van Eck M. Macrophage ABCB4 deficiency promotes atherosclerotic lesion development in LDLr deficient mice. *Athersclerosis suppl*. 2006;7:319-320

Pennings M, Hildebrand RB, Chimini G, Van Berkel TJC, and Van Eck M. Combined deletion of SR-BI and ABCA1 in macrophage dramatically enhances macrophage foam cell formation and atherosclerotic lesion development. *Athersclerosis suppl*. 2007;8:10

Van Eck M, Pennings M, Zhao Y, Hildebrand RB, Chimini G and Van Berkel TJC. Enhanced foam cell formation, inflammation, and atherosclerosis in LDL receptor knock out mice with a combined deletion of macrophage SR-BI and ABCA1. *Circulation*. 2007;116:II-298