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## **The interplay between cholesterol and inflammation in the evolution of atherosclerosis**

Verschuren, L.

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**List of Publications**

**L. Verschuren**, J. de Vries-Van der Weij, S. Zadelaar, R. Kleemann and T. Kooistra. LXR agonist suppresses atherosclerotic lesion growth and promotes lesion regression in ApoE\*3Leiden mice: time course and potential mechanisms. *Journal of Lipid Research*. in press

**L. Verschuren\***, R.Kleemann\*, M.J. van Erk, Y.i Nikolsky, N.H.P. Cnubben, E.R. Verheij, A.K. Smilde, H.F.J. Hendriks, S.Zadelaar, G.J. Smith, V. Kaznacheev, A. Melnikov, E. Hurt-Camejo, J. van der Greef, B. van Ommen, and T. Kooistra. Atherosclerosis and liver inflammation induced by increased dietary cholesterol intake: a combined transcriptomics and metabolomics analysis. *Genome Biology* 2007 Sep 24;8(9):R200

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**Verschuren L\***, Kooistra T\*, van der Weij J, Koenig W, Toet K, Princen HM, Kleemann R. Fenofibrate Reduces Atherogenesis in ApoE\*3Leiden Mice. Evidence for Multiple Antiatherogenic Effects Besides Lowering Plasma Cholesterol. *Arterioscler Thromb Vasc Biol*. 2006 Oct;26(10):2322-30.

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**Verschuren L**, Kleemann R, Offerman EH, Szalai AJ, Emeis SJ, Princen HM, Kooistra T. Effect of low dose atorvastatin versus diet- induced cholesterol lowering on atherosclerotic

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*Kleemann R, Verschuren L, De Rooij BJ, Lindeman J, De Maat MM, Szalai AJ, Princen HM, Kooistra T.* Evidence for anti-inflammatory activity of statins and PPAR{alpha}-activators in human C-reactive protein transgenic mice in vivo and in cultured human hepatocytes in vitro. *Blood* 2004 Jun 1; 103(11):4188-94.

*Kleemann R, Gervois P, Verschuren L, Princen H.M.G, Kooistra T.* Fibrates down-regulate IL-1-stimulated C-reactive protein gene expression in human hepatocytes by reducing nuclear p50-NF- $\kappa$ B~C/EBP- $\beta$ -complex formation. *Blood* 2003; 101, 545-551.