

Cover Page



Universiteit Leiden



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Title: Novel modulators of lipoprotein metabolism : implications for steatohepatitis and atherosclerosis

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Stellingen behorende bij het proefschrift

Novel modulators of lipoprotein metabolism

implications for steatohepatitis and atherosclerosis

1. The described relation between adiposity and the plasma concentration of cholesteryl ester transfer protein is explained by hepatic macrophages. (*This thesis*)
2. Glucagon-like peptide-1 receptor agonism is a promising strategy to treat steatohepatitis by concomitant actions on multiple hepatic cell types. (*This thesis*)
3. Lipid-lowering drugs can raise high-density lipoprotein-cholesterol simply by reducing the number of hepatic macrophages. (*This thesis*)
4. The divergent regulation of hepatic very-low-density lipoprotein production by central neuropeptide Y administration between rodents raises the question whether humans better resemble mice or rats. (*This thesis*)
5. Application of glucocorticoids to combat inflammation-induced atherosclerosis in clinical practice could be achieved by treating with a high dose for a short time period rather than a low dose for a prolonged time period. (*This thesis*)
6. Macrophage infiltration is a valuable target for the simultaneous treatment of atherosclerosis and steatohepatitis.
7. Caloric restriction is the most effective and economical method to treat fatty liver diseases.
8. The transition from bench to bedside is the rate-limiting step for drug development.
9. Nowadays, ways to effectively select and analyze useful data from easily generated massive data sets appear more important than obtaining information *per se*.
10. Everyone can serve as my teacher. I will select their good qualities and follow them, their bad qualities and avoid them. (*Confucius, Confucian Analects • Shu R, 551-479 BC*)
三人行，必有我师焉。择其善者而从之，其不善者而改之（孔子，《论语·述而》，公元前551-479）

Yanan Wang

6 November 2013