

# The entanglement of NASH and atherosclerosis

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## Stellingen

Behorende bij het proefschrift

### **The Entanglement of NASH and Atherosclerosis** Shared features of macrophage-specific response

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Maastricht, 12 januari 2017

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1. Intracellular distribution of cholesterol is a key event in the progression of both NASH and atherosclerosis. *(Dit proefschrift)*
2. The induction of hematopoietic caspase-1/11 activity via inflammasome activation plays an essential role in the inflammatory processes seen in NASH and atherosclerosis development. *(Dit proefschrift)*
3. Future research for novel therapeutics for NASH should focus on modulation of intracellular cholesterol distribution, thereby reducing inflammation. *(Dit proefschrift)*
4. NASH and atherosclerosis not only share similar inflammatory mechanisms but also mutually influence each other's progression. *(Dit proefschrift)*
5. Knowledge utilization with regard to macrophage-specific mechanisms will lead to novel therapeutic interventions or diagnostic tools that are applicable to both NASH and atherosclerosis.
6. Follow-up diagnostic testing of NAFLD patients should include cardiovascular risk factors.
7. Given the pivotal role of lysosomes in NASH, treatment options for NASH should also be evaluated for rare lysosomal diseases.
8. The easiest way to explain science is by comparing it to someone that is standing in a dark room and looking for a black cat using a flash light. *(Taken from the Black Cat Analogy)*
9. In research the mind can be like turbid water; if you let it settle it becomes much clearer. *(Adapted from Master Oogway, Kung Fu Panda).*
10. If you are stressed, you can relax by remembering that spelled backwards "stressed" is "desserts". *(Adapted from Loretta Laroche)*
11. As famous scientists like Alexander Graham Bell, Pierre Curie, and Michael Faraday each were diagnosed with dyslexia, one should not let this hold you back in following your dreams and believe in yourself.