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Title: Immune modulation by schistosomes : mechanisms of T helper 2 polarization and implications for metabolic disorders

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CURRICULUM VITAE

Leonie Husaarts was born on 19 September 1987 in Delft, the Netherlands. At the age of nine, she moved to Emmeloord where she completed grammar school (gymnasium; *cum laude*) at the Zuyderzee College. In 2008, she graduated *cum laude* with a Bachelor of Science (B.Sc.) in Liberal Arts and Sciences from University College Utrecht, after which she moved to Leiden to study Biomedical Sciences. In the summer of 2009, Leonie worked as a research assistant at the department of Parasitology at the Leiden University Medical Center. She stayed at the department as a graduate intern, and studied regulatory B cells in collaboration with the department of Rheumatology at Imperial College London, where she also spent three months. In February 2011, she obtained her degree of Master of Science (M.Sc.). Leonie started her PhD program on dendritic cell modulation by *Schistosoma mansoni* antigens under the supervision of Prof. Dr. Maria Yazdanbakhsh at the department of Parasitology in January 2011. Halfway through her program, Dr. Bruno Guigas joined the department, and Leonie took the opportunity to study the effect of helminths and their products on high-fat diet-induced metabolic disorders under his supervision. In addition to her scientific experience, Leonie has a minor in Art History and a minor in Journalism and New Media. She worked as a freelance science journalist for Leiden University and has been a member of various boards and committees, including the LUMC PhD-Day committee (2012), while working towards her PhD degree. Leonie currently works as a Scientific Communication Officer at CTMM-TI Pharma.



LIST OF PUBLICATIONS

Hussaarts L, García-Tardón N, van Beek L, Heemskerk MM, Haeberlein S, van der Zon GC, Ozir-Fazalilikhan A, Berbée JFP, Willems van Dijk K, van Harmelen V, Yazdanbakhsh M, Guigas B. *Chronic helminth infection and helminth-derived egg antigens promote adipose tissue M2 macrophages and improve insulin sensitivity in obese mice*. FASEB J. 2015 Apr 7 [Epub ahead of print]

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