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Effector mechanisms of ANCA-associated glomerulonephritis

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Appendix

*Biografie / Biography
Publications*

BIOGRAFIE

Betty van der Veen werd geboren op 1 februari 1982 in Jistrum (Friesland). Na het behalen van haar VWO-diploma aan het Piter Jelles College in Leeuwarden, startte zij in 2000 met de Bachelor-opleiding Biologie en Medisch Laboratoriumonderzoek aan de Noordelijke Hogeschool Leeuwarden. In 2003 rondde zij deze studie af met een Bachelor-diploma in de afstudeerrichting Klinische Chemie, waarna zij begon met de Master-opleiding Medische Biologie aan de Rijksuniversiteit Groningen. Tijdens haar Bachelor- en Master-opleiding deed zij vier onderzoeksprojecten van elk minimaal vijf maanden. Drie van deze projecten werden uitgevoerd in het Universitair Medisch Centrum Groningen (UMCG) en één in het Karolinska Instituut in Stockholm, Zweden. Na het behalen van haar Master-titel in 2006, begon zij met haar promotieonderzoek bij de afdeling Pathologie en Medische Biologie van het UMCG. Onder leiding van Prof. dr. Peter Heeringa (tweede promotor Prof. dr. Ingrid Molema) verrichtte zij onderzoek naar de mechanismen die ten grondslag liggen aan ANCA-geassocieerde glomerulonefritis. De resultaten van het onderzoek staan beschreven in dit proefschrift. Sinds augustus 2010 is Betty werkzaam bij Stichting Klinisch Chemisch Laboratorium (KCL) in Leeuwarden waar zij zal worden opgeleid tot Klinisch Chemicus.

BIOGRAPHY

Betty van der Veen was born on February 1st 1982 in Jistrum, the Netherlands. In 2000, she graduated from high school (Piter Jelles College) in Leeuwarden and started Bachelor studies in Biology and Medical Laboratory Investigation at the Noordelijke Hogeschool Leeuwarden (NHL) in Leeuwarden. After obtaining her Bachelor's degree in 2003 with Clinical Chemistry as main subject, she went to study Medical Biology (Master Studies) at the University of Groningen. As a Bachelor and Master student, she carried out four research projects of at least five months each. Three of these projects were performed at the University Medical Center Groningen (UMCG), whereas one project was performed at the Karolinska Institute in Stockholm, Sweden. After obtaining her Master's degree, she started as a PhD student at the department of Pathology and Medical Biology of the UMCG. Under supervision of Prof. dr. Peter Heeringa (second promotor Prof. dr. Ingrid Molema), she studied the effector mechanisms involved in ANCA-associated glomerulonephritis. The results of the research are described in this thesis. In August 2010, Betty started working at the Stichting Klinisch Chemisch Laboratorium (KCL) in Leeuwarden, where she will be trained to become a Clinical Chemist.

PUBLICATIONS

Full papers

van der Veen BS, Chen M, Müller R, van Timmeren MM, Petersen AH, Lee PA, Satchell SC, Mathieson PW, Saleem MA, Stegeman CA, Zwerina J, Molema G, Heeringa P. Effects of p38MAPK inhibition on ANCA pathogenicity in vitro and in vivo. *Annals of the Rheumatic Diseases*, accepted for publication.

Summers SA, **van der Veen BS**, O'Sullivan KM, Gan P-Y, Ooi JD, Heeringa P, Satchell S, Mathieson PW, Saleem MA, Visvanathan K, Holdsworth SR, Kitching AR. Intrinsic renal cell and leukocyte-derived TLR4 aggravate experimental anti-MPO glomerulonephritis. *Kidney International*, accepted for publication.

van Timmeren MM,* **van der veen BS**,* Stegeman CA, Petersen AH, Hellmark T, Collin M, Heeringa P. IgG glycan hydrolysis attenuates ANCA-mediated glomerulonephritis. *Journal of the American Society of Nephrology* 2010 Jul; 21(7): 1103-1114. Epub 2010 May 6.

(* authors contributed equally)

van der Veen BS, Petersen AH, Belperio JA, Satchell SC, Mathieson PW, Molema G, Heeringa P. Spatiotemporal expression of chemokines and chemokine receptors in experimental anti-myeloperoxidase antibody-mediated glomerulonephritis. *Clinical & Experimental Immunology* 2009 Oct; 158(1): 143-153.

van der Veen BS, Heeringa P. ANCA-small vessel vasculitides: what have we (not yet) learned from animal models? *APMIS Supplement* 2009 Jun; (127): 21-26.

van der Veen BS, de Winther MP, Heeringa P. Myeloperoxidase: Molecular mechanisms of action and their relevance to human health and disease. *Antioxidants & Redox Signaling* 2009 Nov; 11(11): 2899-2937.

Book chapter

van der Veen BS, Tadema H, Kallenberg CGM, Heeringa P. New insights into the pathogenesis of anti-neutrophil cytoplasmic autoantibody associated vasculitis. In: *Autoantibodies Research Progress*, edited by Dubois QP. New York, NY: Nova Science Publishers, 2008, pp. 215-234.

