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Curriculum vitae

Ya-Yi Michelle Yang was born on 03 February 1988. She is Taiwanese-born Canadian and spent her childhood in Taipei, Taiwan and Mississauga, Canada. At the age of twelve, she moved with her family to Rotterdam, the Netherlands, where she completed her secondary education at Rotterdam International Secondary School. She graduated with a Bachelor of Science (B.Sc.) in Liberal Arts and Sciences from University College Utrecht in 2010, and obtained her Master of Science (M.Sc.) in Biotechnology in 2012 from Wageningen University and Research Centre (WUR). During her masters, she worked as an intern at Genmab B.V., Utrecht, where she was involved in designing novel antibody formats for improving the efficacy of antibody therapy for the treatment of Leukemia. The internship sparked her curiosity for antibodies and in 2013, she started her PhD project on investigating anti-glycan antibody responses in schistosomiasis under the supervision of Prof. Dr. Cornelis Hokke and Dr. Angela van Diepen. The results of the research performed during Michelle's PhD trajectory are described in this thesis.

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List of publications

Y.Y. Michelle Yang, R. Alan Wilson, Steffan R.L. Thomas, Thomas M. Kariuki, Angela van Diepen and Cornelis H. Hokke. Micro array-assisted analysis of anti-schistosome glycan antibodies elicited by protective vaccination with irradiated cercariae. *J Infect Dis.* **2019**; 219(10):1671-1680

Y.Y. Michelle Yang, Angela van Diepen, Katarzyna Brzezicka, Niels-Christian Reichardt and Cornelis H. Hokke. Glycan microarray-assisted identification of IgG subclass targets in schistosomiasis. *Front Immunol.* **2018**; 9:2331

Y.Y. Michelle Yang, Xiao Hong Li, Katarzyna Brzezicka, Niels-Christian Reichardt, R. Alan Wilson, Angela van Diepen and Cornelis H. Hokke. Specific anti-glycan antibodies are sustained during and after parasite clearance in *Schistosoma japonicum*-infected rhesus macaques. *PLoS Negl Trop Dis.* **2017**; 11(2):e0005339

