



Machteld Hylkema

Dr. Machteld N. Hylkema - 108 publications, h-index score 43 ([link](#))- is Associate Professor of Immunology and Experimental Pathology at the department of Pathology and Medical Biology of the University Medical Center Groningen (UMCG), Groningen, The Netherlands. She obtained a Master in Biology at the University of Leiden in 1991 and completed her PhD thesis entitled: “Autoimmunity against nucleosomes in lupus nephritis” at the University of Amsterdam in 1995. In the same year she moved to Groningen for a post-doc position at the department of Cell Biology and Histology at the University of Groningen. In 1998 she worked as a post-doc at Stanford University, Palo Alto, USA. After her return to Groningen she started as a post-doc at the department of Pathology and Medical Biology of the UMCG and was appointed Assistant Professor in 2003. In 2014 she was appointed Associate Professor.

As a medical biologist, she has a broad interest in the early life origin and pathogenesis of obstructive lung diseases. She developed experimental mouse models to investigate the effect of maternal smoking during pregnancy on prenatal programming and susceptibility for asthma and COPD. Currently her group investigates the aberrant lung progenitor/stem cell behavior that leads to emphysema progression and impaired lung tissue repair in COPD. She received >2.5M euro in research grants from national and European agencies as well as from pharmaceutical companies. She is member of the review panel of the Swedish Research Council for Medicine and Health and has ample experience as a coordinator, teacher and mentor at numerous BSc, MSc and PhD courses on immunology and translational research. Since March 2018, she is the Academic Director of the Erasmus+ International Master in Innovative Medicine (IMIM).