

Curriculum vitae (short version)

Dr. M.P.G. Vreeswijk

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Maike Vreeswijk is a medical biologist who did her PhD training in the field of DNA Damage Response (DDR). After finishing a postdoc in the same research field she applied her expertise to more clinically oriented research and became closely involved in hereditary cancer research. Since 2001, a large part of her research is dedicated to the assessment of the clinical significance of Variants of Uncertain Significance (VUS) in *BRCA1* and *BRCA2* and she is closely involved in the development of a variety of approaches that are used to assess the clinical relevance of these VUS. Because of the involvement of *BRCA1* and *BRCA2* in DDR, the functional analysis of VUS has been a major research line during the last years.

In line with her expertise and research lines, she joined the EU FP7 consortium “The DNA Damage Response and breast cancer” in 2011. Since then, the analysis of DDR in breast, ovarian and endometrial tumors, the development of functional assays to identify tumors with deficiencies in DDR pathways and the opportunities for personalized therapy that are associated with the clinical application of the developed techniques are key pillars of her current research.

She is an Steering Committee member and vice chair of the Functional Working Group of the ENIGMA consortium, member of the BRCA variant classification expert panel, member of the BRCA Challenge Evidence Gathering Group and vice-chair of Dutch/Belgian hereditary breast cancer gene variant classification Committee.