Margit Schraders

Received her PhD on the molecular biology of B-cell non Hodgkin lymphoma at the Radboud University, Nijmegen, the Netherlands. She is a postdoc in the Otogenetics research team and participates in the Hearing & Genes expertise centre of the Radboud university medical center, Nijmegen, the Netherlands. The overall aim of her research is to unravel the genetics of hearing impairment (HI) with a focus on the Netherlands. Using homozygosity mapping in families with multiple affected sibs and isolated cases, 6 novel deafness genes were described in high impact journals. She has applied the technique of whole exome sequencing on a series of patients in which homozygosity mapping did not lead to the causative mutation. This resulted so far in identification of a number of excellent candidate genes. She recently obtained a personal VENI grant from the Netherlands Organisation for Scientific Research (NWO-ZONMW) for the project 'Deciphering the genetics of hearing impairment, a phenotypic and genetic continuum'. The focus of this project is the genetics of late-onset progressive hearing impairment. Linkage analysis and whole exome sequencing are being combined to identify the causative genes underlying this phenotype.