



Dr. Marjolein Thunnissen

Marjolein Thunnissen did her undergraduate and PhD studies in chemistry at the University of Groningen, the Netherlands. Already as an undergraduate she became interested in the structure-function relationship of proteins which she studied with X-ray diffraction. Her first visit to a synchrotron she made as an undergraduate and continued to use them during her career. She has solved several protein structures, amongst which the structure of Leukotriene A4 Hydrolase, the first member of the M1 group of zinc metalloproteases for which a structure got determined. In 2001 she came to Lund, to coordinate the construction and development of the specialized protein crystallography beamline I911 at MAX-Lab.

Currently she is the Life Science Director at MAX IV responsible for a range of beamlines that supply synchrotron-based instrumentation of interest for life scientists, such as protein crystallography, small angle X-ray scattering, imaging techniques, X-ray absorption techniques and more. As Life Science Director she is also responsible for user (whether academic or industrial) relations including education and training programs.