



iNOVA4Health - SEMINAR -

June 5, 12h

ITQB-NOVA/ iBET Auditorium

Host: Ana Barbas



“Cellular Thermal Shift Assay (CETSA) - Case study @ Protein Technologies (Bayer AG)”

Jörg Weiske, Ph.D.

Head of Protein Technologies, Research & Development, Pharmaceuticals at Bayer AG

Jörg Weiske is working since 2008 at Bayer Pharmaceuticals in the department Protein Technologies in Berlin. He is responsible for the protein expression, purification and characterization of protein for Structural Biology and Screening.

As label-free technology he used Thermal Shift Assay for prioritization of protein constructs / buffer condition for Structural Biology and as Screening Technology in Drug Discovery. As member of the Target Deconvolution Group, he also interest of new technologies like CETSA for identification of targets.

He holds a PhD degree in Biology from the Free University of Berlin.

The talk deals about the Cellular Thermal Shift Assay (CETSA) and the experience of this technology at Bayer. He shows in the MTH1 case study, how this assay can help in the early drug discovery process.