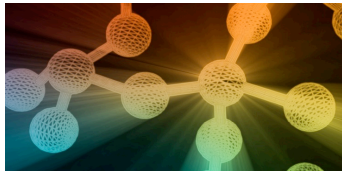


Chemical Proteomics 2017, 1 ECTS credit

Date: November 07-09, 2017

Application deadline: September 22, 2017



National course open for PhD students, postdocs, researchers and other employees in need of skills of proteome-wide proteomics with aims in drug discovery and development, from all Swedish universities.

The course will provide introduction, theory and will review practical issues on the most advanced chemical proteomics strategies for the proteome-wide identification of compound-target interactions.

The course will be given by the newly created Chemical Proteomics Facility (ChemProt) at Karolinska Institutet (KI), BioMS Stockholm node at KI together with the MS-based Proteogenomics platform of SciLifeLab. The course will be held in Stockholm / Solna, in English.

Topics will include:

- Introduction on different mass-spectrometry-based proteomics approaches on drug/compound - target interactions
- Identification of compound/drug targets by thermal protein profiling (TPP) using cells and cell/tissue extracts
- Functional identification of target by expression proteomics (FITExP)
- Elucidation of the drug-protein interaction interface by Hydrogen/Deuterium (H/D) exchange mass spectrometry (HDX MS)

For more details and application: www.scilifelab.se/events/chemprot_ht17/