Workshop in Structural Protein Sciences

Within Lund University there are several strong programs addressing different facets of the study of proteins. There is today an increasing interest from the scientific community to use structural MS alone or in combination with other classical structural methods such as NMR and X-Ray. Several different methods for structural MS such as hydrogen deuterium exchange, chemical cross-linking, ion-mobility and oxidative footprinting have during the recent years developed and are today important tools providing detail information on Proteins 3-dimensional arrangement. In this workshop we will give an overview of structural MS methods. This will be followed by a presentation of chemical cross-linking mass spectrometry research conducted by professor Cecilia Emanuelsson Biochemistry LU.

During the event we will provide cakes and coffee. A guided tour to the facilities and instrumentation at CEBMMS located at D13 will be provided for those that are interested.

Program
1500-1520 Introduction to Structural Mass Spectrometry
Sven Kjellström Department of Biochemistry

1525-1545 Chemical Crosslinking Mass Spectrometry
Cecilia Emanuelsson Department of Biochemistry

1550- Discussions and visit to CEBMMS facilities at D13

Time: Tuesday February 17 at 15:00
Location: BMC-D15 Conference room “Dora Jacobson” (D1513c)

Please register to sven.kjellstrom@biochemistry.lu.se before 13/2!

Most welcome!
Sven Kjellström, Associate Professor

Sponsored by CEBMMS and Lund University