

## **Proteomics Data Analysis 12 - 16 November 2018**

Medicon village, Building 406 - Rooms Verbum/Bioforum/Metaboliten, Scheelevägen 14, Lund  
Entrance to area at Scheelevägen 2.

### **Monday (Bioforum)**

- 10-12 Introduction – FL  
Proteomics workflows. Labels and label free. Data processing introduction – FL
- 13-17 Practical: Looking at a LC-MS/MS file using different tools – JW  
Manuscript for discussion on Friday handed out.

### **Tuesday (Metaboliten / Bioforum)**

- 9-12 Search engines and significance, protein assembly, combining searches, data handling – FL  
Label free quantification data-processing algorithms
- 13-15:30 Practical: Using Proteios SE to generate TMT and label free quantification reports -JW  
15:30-16:30 Post translational modifications - SR

### **Wednesday (Verbum)**

- 9-12 Experiment planning and significance, normalisation of data (lecture+practical) - JW
- 13-17 Targeted proteomics (lecture+practical) - FL

### **Thursday (Verbum)**

- 10-12 Publishing data and usage of public repositories (lecture+practical) - FL
- 13-16 Functional analysis (practical) - FL

### **Friday (Verbum)**

- 9-11 Article discussion – FL,JW  
11-12 Practical summary – FL

### **Tutors:**

Fredrik Levander (FL)  
Jakob Willforss (JW)  
Svante Resjö (SR)