



IMPRS Methods Course: “Basics and Applications of Mass Spectrometry”

Time	Topic	Speaker
11 November 2024		
9:00-9:15	Welcome and introduction to the workshop	
9:15-10:00	“Introduction into the basics of Proteomics and Mass Spectrometry”	Petra Janning, MPI of Molecular Physiology
10:00-10:45	“Application possibilities of MassSpec-based Proteomics”	Tanja Bange, LMU
10:45-11:00	<i>Coffee Break</i>	
11:00-12:00	“The MaxQuant and Perseus Computational Platforms for Comprehensive Analysis of Large-scale (Prote)Omics Data”	INVITED GUEST: Jürgen Cox, MPI of Biochemistry
12 November 2024		
9:00-10:00	“MassSpec for post-translational modifications”	Katarzyna Kliza, MPI of Molecular Physiology
10:00-11:00	“MassSpec for oligonucleotides”	Sidney Becker & Shanice Hermon, MPI of Molecular Physiology
11:00-11:15	<i>Coffee Break</i>	
11:15-12:00	“Proteomics at the MPI of Molecular Physiology”	Petra Janning, MPI of Molecular Physiology
12:00-13:00	<i>Lunch Break</i>	
13:00-17:00*	Hands-on session: interpretation of Proteomics data	Andreas Brockmeyer, Petra Janning, Katarzyna Kliza, Franziska Müller

*only for registered IMPRS-LM students