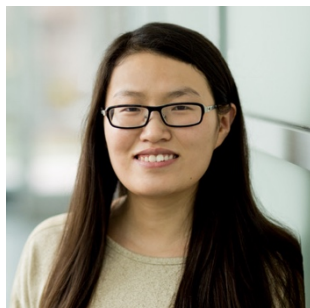


TWO-DAY SHORT COURSE, Saturday and Sunday 14 Case Studies in Quantitative Proteomics

Instructors



Meena Choi
Northeastern University



Ting Huang
Northeastern University



Birgit Schilling
Buck Institute



Olga Vitek
Northeastern University

Preliminary Agenda

	Day1	Day2
9:00-9:30	Section 1 (Lecture) : Fundamental concepts of statistical experimental design + introduce iPRG data	Skyjam
9:30-10:00		Section 6 (Lecture) : MSstats / MSstatsTMT
10:00-10:30	break	break
10:30-11:00	Section 2 (Lecture) : Introduction to Skyline	Section 7 (Hands-on) : Intro R, data exploration, basic statistics
11:00-11:30	Section 3 (Hands-on) : Processing DDA Data with Skyline	
11:30-12:00		
12:00-12:30	Lunch	Lunch
12:30-13:00		
13:00-13:30	Section 4 (Lecture) : statistical inference, multiple testing	Section 8 (Hands-on) : different abundance analysis in Msstats
13:30-14:00		
14:00-14:30	break	break
14:30-15:00	Section 5 (Hands-on) : From DDA Quantification to SRM, PRM and DIA and export the quantification report	Section 9 (Hands-on) : MSstatsTMT
15:00-15:30		
15:30-16:00		