

Courses@CRG: ADVANCED PROTEOMICS

13th-17th June 2022

Day 1 – Monday 13 June 2022	
9:00-10:00	Session 1: Introduction to mass spectrometry-based proteomics, Eduard Sabidó
10:00h-11:00	Session 2: Spectra visualization and interpretation, Cristina Chiva
11:00h-11:30	Coffee break
11:30h-13:30	Hands-on-session 1: Spectra visualization and interpretation, Cristina Chiva
Day 2 – Tuesday 14 June 2022	
9:00h-10:00	Session 3: Automatic spectra interpretation, Eduard Sabidó
10:00h-11:00	Session 4: Quantification in Proteomics, Cristina Chiva
11:00h-11:30	Coffee break
11:30h-13:30	Hands-on-session 2: Protein Identification and quantitation with MaxQuant, Guadalupe Espadas
Day 3 – Wednesday 15 June 2022	
9:00h-10:00	Session 5: Deciphering protein complexes, Borja Balbastre
10:00h-11:00	Session 6: Statistics in proteomics, Zahra Elhamraoui
11:00h-11:30	Coffee break
11:30h-13:30	Hands-on-session 3: Downstream analyses of with Perseus, Guadalupe Espadas

Day 4 – Thursday 16 June 2022	
9:00h-10:00	Session 7: Targeted proteomics, Eva Borràs
10:00h-11:00	Session 8: Immunopeptidomics, Maria Lozano
11:00h-11:30	Coffee break
11:30h-13:30	Hands-on-session 4: Targeted Proteomics data analysis with Skyline, Eva Borràs
Day 5 – Friday 17 June 2022	
9:00h-10:00	Session 9: Quality Control and Troubleshooting, Guadalupe Espadas
10:00h-11:00	Session 10: Data-independent acquisition, Eduard Sabidó
11:00h-11:30	Coffee break
11:30h-13:30	Hands-on-session 5: Data-independent acquisition data analysis with Skyline, Eduard Sabidó
13:30h	Farewell Lunch (restaurant)

Supported by:

