@ Courses CRG
Advanced Proteomics Course
27th June – 1st July 2016

PROGRAM

	Monday Topic of the day: Principles of mass spectrometry	Tuesday Topic of the day: Discovery proteomics	Wednesday Topic of the day: Targeted Proteomics	Thursday Topic of the day: Statistics for proteomics	Friday Topic of the day: Network analysis
9	Session 1. Introduction to the course (Eduard Sabidó)	Session 7. Post-Translational Modifications (Judit Villén)	Session 10. Introduction to targeted proteomics (Eva Borràs)	Session 14. Statistics in proteomics and downstream analysis (Eduard)	Session 17. Introduction to network and downstream analysis of proteomics data (Marti Bernardo)
10	Session 2. Types of instruments and mass analyzers (Eduard Sabidó)		Session 11. SRM basic concepts (Eva Borràs)		
11	Break	Break	Break	Break	Break
12	Session 3. Main proteomics workflows (Eduard Sabidó)	Session 8. Quantitative Proteomics (Cristina)	Session 12. SRM workflow (Eva Borràs)	Session 15. Quality control and system suitability procedures (Cristina Chiva)	Session 18: Exercices Visualization of proteomics data (Martí Bernardo)
13	Visit to the Unit	Open Seminar (Judit Villén)	Open Seminar (Daniel Hornburg)	Open Seminar (Martí Bernardo)	Open Seminar (Juergen Cox)
14	Lunch	Lunch	Lunch	Lunch	Lunch
15	Session 4. Spectra visualization and interpretation (Cristina Chiva)	Session 9. Tutorial MaxQuant (Eduard & Daniel)	Session 13. Tutorial SRM Skyline (Eva & Eduard)	Session 16. Tutorial Perseus (Eduard & Daniel)	Session 20. Student project discussion (Eva)
16		Break	Break	Break	
17	Break	Session 9. Tutorial MaxQuant (Eduard & Daniel) (cont.)	Session 13. Tutorial SRM Skyline (Eva & Eduard) (cont.)	Session 16. Tutorial Perseus (Eduard & Daniel) (cont.)	Farewell drinks
	Session 5. Automatic database search (Daniel Hornburg)				
18					
20			Social Dinner		