

Hands-on Data Analysis for Metabolic Profiling

	DAY 1	DAY 2	DAY 3	DAY 4
9:00-9:30	Registration	Coffee Break		
9:30-11:00	Course Overview Introduction	Introduction to Multivariate Analysis	Supervised Analysis: PLS & OPLS	Pathways Analysis
	NMR Pre- processing			Statistical Spectroscopy in NMR
				STOCSY Tutorial
10:00-11:30	Coffee Break			
11:30-13:00	NMR Pre- processing Tutorial	PCA Tutorial	OPLS + OPLSDA Tutorials	STOCSY Tutorial
				Statistical Metabolite ID in MS
13:00-14:00	Lunch			Lunch and Close
14:00-15:00	LC-MS Pre- processing	Data Analysis – a User’s Perspective	Data Analysis – Tips and Tricks	
15:00-15:30	Coffee Break			
15:30-17:00	LC-MS Pre- processing Tutorial	New Technologies and Data Analysis Techniques	O2PLS Data Integration Tutorial	Lectures
				Tutorials
	Welcome Mixer 17:00-19:00	Course Dinner 18:30		