	Monday, March 16	Tuesday, March 17		Wednesday, March 18	Thursday, March 19	Friday, March 20
morning	WELCOME	SEMINAR *"Cell sorting for single cell profiling"* Sandrine SCHMUTZ		SEMINAR *"Introduction to single cell mRNA seq data analysis: challenges and tools"* Bernd JAGLA	DATA ANALYSIS *"SCHNAPPs"* (hands-on) Bernd JAGLA	EXPERIMENT 4 part II Probe ligation release and extension
	SEMINAR *"Introduction to single cell analysis"* Milena HASAN					
	coffee break	EXPERIMENT 3 - sample preparation (Group A) Immune cell sorting (bulk & single cells in plates)	EXPERIMENT 4 (Group B) Droplet-based Barcoding (10xGenomics)	*coffee break*		
	SEMINAR *"Strategies for single cell OMICS"* Tatiana TRABOULSI			DATA ANALYSIS set up computers, check versions, prepare data, QC libraries		
	SEMINAR *"Developing single-cell methods in stationary microfluidic droplets"* Charles BAROUD **(TBC)**	EXPERIMENT 4 (Group A) Droplet-based Barcoding (10xGenomics)	EXPERIMENT 3 - sample preparation (Group B) Immune cell sorting (bulk & single cells in plates)	*photo*		
afternoon	SEMINAR *"Sample preparation for single cell OMICS"* Tatiana TRABOULSI	EXPERIMENT 4 Post GEM-RT Cleanup & cDNA amplification		DATA ANALYSIS *"Standard single cell workflow in R"* (hands-on) Sebastien MELLA	EXPERIMENT 4 - INTRODUCTION Spatial transcriptomics - Visium David HARDY & Laura BARRIO CANO	SEMINAR "Single cell RNA-seq to decipher chronic disease" Aleksandra DECZKOWSKA
	EXPERIMENT 1 - sample preparation Nuclei isolation	cDNA QC Group A (Qubit & Bioanalyzer)	coffee break		EXPERIMENT 4 part I Tissue decrosslinking and Probe hybridization	*DATA ANALYSIS* *"Spatial transcriptomics"* *(hands-on)* *Sebastien MELLA*
		coffee break	cDNA QC Group B (Qubit & Bioanalyzer)			
	coffee break	Introduction to single cell library preparation				
	EXPERIMENT 2 - sample preparation Cell fixation for combinatorial barcoding	SEMINAR *"Principles and challenges of mRNA sequencing"* Marc MONOT				coffee, meet the sponsors Wrap Up