Day 0 - Thursday			
16:00 - 17:30		Round Table: Get to know each other	
Day 1 - Monday, 18 October			
9:00-10:00	lecture	Intro + Overview different single-cell platforms and assays (RNA, DNA, Me, ATAC, protein & droplet vs plate)	Susan Kloet
10:00-10:30	break		
10:30-12:00	lecture	scRNA-seq protocols	Susan Kloet & Miao-Ping Chien
12:00-13:00	lunch		
13:00-14:00	lecture	preprocessing (from reads to a count matrix), including 10x Genomics Cell Ranger	Roberta Menafra
14:00-14:30	break		
14:30-15:30	lecture	QC and normalization	Ahmed Mahfouz
15:30-15:45	break		
15:45-17:00	practical	QC and normalization practical	TAs
19:00	drinks		
Day 2 - Tuesday, 19 October			
9:00-10:00	lecture	Experimental design + Best practices / tips and tricks for sample preparation	Susan Kloet
10:00-10:30	break		
10:30-11:30	lecture	CITE-seq/proteogenomic assays/multi-omic (including epigenetics)	Miao-Ping Chien
11:30-12:30	lunch		
12:30-13:30	lecture	Dimensionality reduction	Thomas Höllt
13:30-14:00	break		
14:00-15:30	practical	Dimensionality reduction practical	TAs
15:30-16:00	break		
16:00-17:00	lecture	Spatial Transcriptomics	Anna Alemany

Day 3 - Wednesday, 20 October			
9:00-10:00	lecture	Cell annotation	Lieke Michielsen
10:00-10:30	break		
10:30-12:00	practical	Cell annotation practical	TAs
12:00-13:00	lunch		
13:00-14:00	lecture	Data integration/alignment	Tamim Abdelaal
14:00-14:30	break		
14:30-16:00	practical	data integration/alignment practical	TAs
Day 4 - Thursday, 21 October			
9:00-10:00	lecture	trajectory inference	Mohammed Charrout
10:00-10:30	break		
10:30-12:00	practical	trajectory inference practical	TAs
12:00-13:00	lunch		
13:00-14:00	lecture	Differential expression	Ahmed Mahfouz
14:00-14:30	break		
14:30-16:00	practical	Differential expression practical	TAs
Day 5 - Friday, 22 October			
9:00-13:00	Mini-symposium (Speakers TBA)		