

SISG Module 6 Schedule

Date	Time (PST)	Topic	Instructor
Wednesday, July 12	1:30 – 3:00	Experimental Design for Gene Expression Profiling	GG
	3:00 – 3:30	Break	
	3:30 – 5:00	Hypothesis Testing, Significance and Power	GG
Thursday, July 13	8:30 – 10:00	Foundations of Clustering and Dimension Reduction	PQ
	10:00 – 10:30	Break	
	10:30 – 12:00	Practical Session for Differential Gene Expression in R	GG
Thursday, July 13	1:30 – 3:00	Computational Challenges in scRNAseq Analysis	PQ
	3:00 – 3:30	Break	
	3:30 – 5:00	Epigenomics	GG
Friday, July 14	8:30 – 10:00	Clustering, Trajectory Inference and Geometric Properties in scRNAseq	PQ
	10:00 – 10:30	Break	
	10:30 – 12:00	Practical Session for scRNA-seq Data Analysis with Seurat	PQ
Friday, July 14	1:30 – 3:00	Automated Cell Type Annotation and Interpretation	PQ
	3:00 – 3:30	Break	
	3:30 – 5:00	eQTL and Genetics of Gene Expression	GG