

SISG Module 6 Schedule

Date	Time (PST)	Time (EST)	Topic	Instructor
Wednesday, July 13	11:30 – 12:00	2:30 – 3:00	Introductions	
	12:00 – 1:00	3:00 – 4:00	Experimental Design for Gene Expression Profiling	GG
	1:00 – 1:20	4:00 – 4:20	Break	
	1:20 – 2:20	4:20 – 5:20	Hypothesis Testing, Significance and Power	GG
	2:20 – 3:00	5:20 – 6:00	Q&A Discussions	
Thursday, July 14	8:00 – 9:00	11:00 – 12:00	Foundations of Clustering and Dimension Reduction	PQ
	9:00 – 9:20	12:00 – 12:20	Break	
	9:20 – 10:20	12:20 – 1:20	Normalization of Transcriptome Datasets	GG
	10:20 – 11:00	1:20 – 2:00	Q&A Discussions	
Thursday, July 14	12:00 – 1:00	3:00 – 4:00	Epigenomics	GG
	1:00 – 1:20	4:00 – 4:20	Break	
	1:20 – 2:20	4:20 – 5:20	Computational Challenges in scRNAseq Analysis	PQ
	2:20 – 3:00	5:20 – 6:00	Q&A Discussions	
Friday, July 15	8:00 – 9:00	11:00 – 12:00	Clustering, Trajectory Inference and Geometric Properties in scRNAseq	PQ
	9:00 – 9:20	12:00 – 12:20	Break	
	9:20 – 10:20	12:20 – 1:20	Handling the sparsity of scRNAseq Analysis	PQ
	10:20 – 11:00	1:20 – 2:00	Q&A Discussions	
Friday, July 15	12:00 – 1:00	3:00 – 4:00	eQTL and Genetics of Gene Expression	GG
	1:00 – 1:20	4:00 – 4:20	Break	
	1:20 – 2:20	4:20 – 5:20	Automated Cell Type Annotation and Interpretation	PQ
	2:20 – 3:00	5:20 – 6:00	Q&A Discussions	