

SISG Module 6 Schedule

Date	Time (PST)	Time (EST)	Topic	Instructor
Monday, July 12	8:00 – 8:15	11:00 – 11:15	Introductions	
	8:15 – 9:15	11:15 – 12:15	Experimental Design for Gene Expression Profiling	GG
	9:15 – 9:35	12:15 – 12:35	Break	
	9:35 – 10:35	12:35 – 1:35	Hypothesis Testing, Significance and Power	GG
	10:35 – 11:00	1:35 – 2:00	Q&A Discussions	
Monday, July 12	12:00 – 1:00	3:00 – 4:00	Foundations of Clustering and Dimension Reduction	PQ
	1:00 – 1:20	4:00 – 4:20	Break	
	1:20 – 2:20	4:20 – 5:20	Normalization of Transcriptome Datasets	GG
	2:20 – 2:30	5:20 – 5:30	Q&A Discussions	
Tuesday, July 13	8:00 – 9:00	11:00 – 12:00	Epigenomics	GG
	9:00 – 9:20	12:00 – 12:20	Break	
	9:20 – 10:20	12:20 – 1:20	Computational Challenges in scRNAseq Analysis	PQ
	10:20 – 10:40	1:20 – 1:40	Q&A Discussions	
Tuesday, July 13	11:40 – 12:40	2:40 – 3:40	Clustering and Trajectory Finding for scRNAseq Analysis	PQ
	12:40 – 1:00	3:40 – 4:00	Break	
	1:00 – 2:00	4:00 – 5:00	Handling the Sparsity of scRNAseq Analysis	PQ
	2:00 – 2:30	5:00 – 5:30	Q&A Discussions	
Wednesday, July 14	8:00 – 9:10	11:00 – 12:10	eQTL and Genetics of Gene Expression	GG
	9:10 – 9:30	12:10 – 12:30	Break	
	9:30 – 10:30	12:30 – 1:30	Automated Cell Type Annotation and Interpretation	PQ
	10:30 – 11:00	1:30 – 2:00	Q&A Discussions	