週次		Tuesday			Thursday	
		I. Essentials of Genome Biology, and System Wide Quantitative Data Collection				
1	9/10	Definition, Concepts, and Scientific Challenges	張典顯	9/12	Yeast as a model system for modern scientific inquiries: classical, molecular, genomics, and systems biology approaches	張典顯
2	9/17	Genomics	周玉山	9/19	中秋節 No Class	
3	9/24	Transcriptomics	朱家瑩	9/26	Epigenetic Control of Gene Expression	林劭品
4	10/1	Translational Regulation of Gene Expression	朱家瑩	10/3	Epigenomics in Germ Cells and Stem Cells	林劭品
5	10/8	Development and Functional Genomics	李士傑	10/10	國慶日 No Class	
6	10/15	Signaling and Human Diseases 1	孟子青	10/17	Signaling and Human Diseases 2	孟子青
7	10/22	Mass spectrometry and Shotgun Proteomics	邱繼輝	10/24	Global and Targeted Quantitative Proteomics	陳玉如
8	10/29	Protein Modifications and PTMomics	邱繼輝	10/31	Quantitative Phosphoproteomics and Interactomics	陳玉如
9	11/5	Proteome Turnover 1	顏雪琪	11/7	Proteome Turnover 2	顏雪琪
10	11/12	Metabolomics and Metabolic Fluxes 1	陳逸然	11/14	Metabolomics and Metabolic Fluxes 2	陳逸然
11	11/19	Quantitative Imaging 1	楊維元	11/21	Quantitative Imaging 2	楊維元
		II. Data Processing, Integration and Modeling				
12	11/26	Basic Statistics for GSB 1	陳璿宇	11/28	R programming 1	
13	12/3	Basic Statistics for GSB 2	陳璿宇	12/5	R programming 2	
14	12/10	Modeling transcriptional regulation	謝叔蓉	12/12	Modeling transcriptional regulation	謝叔蓉
15	12/17	Regulatory Network Modeling 1	陳倩瑜	12/19	Regulatory Network Modeling 2	陳倩瑜
16	12/24	Dynamics in Systems 1	許昭萍	12/26	Dynamics in Systems 2	許昭萍
17	12/31	Systems and Synthetic Biology 1	黃筱鈞	1/2	Systems and Synthetic Biology 2	黃筱鈞
18	1/7	**Final Exam Week**				