

週次	Tuesday				Thursday		
	I. Essentials of Genome Biology, and System Wide Quantitative Data Collection						
1	Mon 9/15	Definition, Concepts, and Scientific Challenges	張典顯	9/18	Yeast as a model system for modern scientific inquiries: classical, molecular, genomics, and systems biology approaches	張典顯	
2	9/23	Epigenetics and Chromosome Structure	高承福	9/25	Transcriptional Regulation of Gene Expression	高承福	
3	9/30	SNP and Variations	周玉山	10/2	Genomics and Transcriptomics I	丁照棟	
4	10/7	Genomics and Transcriptomics II	丁照棟	10/9	Translational Regulation of Gene Expression	詹世鵬	
5	10/14	Structural Bioinformatics	鄭貽生	10/16	Examination I		
6	10/21	Signaling and Human Diseases 1	孟子青	10/23	Signaling and Human Diseases 2	孟子青	
7	10/28	Essence of MS-based Shotgun Proteomics	邱繼輝	10/30	Quantitative and Clinical Proteomics	陳玉如	
8	11/4	Interactomics and Phosphoproteomics	陳玉如	11/6	Other PTMomics and Glycomics	邱繼輝	
9	11/11	Proteome Turnover 1	顏雪琪	11/13	Proteome Turnover 2	顏雪琪	
10	11/18	Metabolomics and Metabolic Fluxes 1	陳逸然	11/20	Metabolomics and Metabolic Fluxes 2	陳逸然	
11	11/25	Quantitative Imaging 1	楊維元	11/27	Quantitative Imaging 2	楊維元	
II. Data Processing, Integration and Modeling							
12	12/2	Basic Statistics for GSB 1	劉維中	12/4	R programming 1	劉維中	
13	12/9	Basic Statistics for GSB 2	劉維中	12/11	R Programming 2	劉維中	
14	12/16	Modeling Transcriptional Regulation 1	謝叔容	12/18	Modeling Transcriptional Regulation2	謝叔容	
15	12/23	Modeling Protein-DNA Interactions for Constructing Regulatory Networks 1	陳倩瑜	12/25	Modeling Protein-DNA Interactions for Constructing Regulatory Networks 2	陳倩瑜	
16	12/30	Dynamics in Systems 1	許昭萍	1/1	開國紀念日(放假日)		
17	1/6	Dynamics in Systems 2	許昭萍	1/8	Systems and Synthetic Biology	黃筱鈞	
18	1/13	Final Exam Week					

* 12/4、12/11 R Programming 助教：凱維、翊安