



SBMS7200 Genes and Gene Functions in Diseases (Semester 2)

Course Coordinator(s):	Dr YQ Song, School of Biomedical Sciences (Tel no.: 3917 9245; Email: songy@hku.hk)
Delivery Mode of Lectures:	Face-to-face
Lecture Venue:	Lecture Theatre 1, G/F, William M.W. Mong Block, No. 21 Sassoon Road # 3/F, Seminar Room 1, No. 3 Sassoon Road
Final Examination:	Wednesday, May 24, 2023 (2:30 – 4:30 pm) Room 201, Main Building, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	07.02.2023 (Tue)	18:30-20:30	Complex genetic diseases	Dr YQ Song
2	14.02.2023 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
3	21.02.2023 (Tue)	18:30-20:30	Epigenetic regulation by histone modifications	Dr Y Liu
4	28.02.2023 (Tue)	18:30-20:30	Gene function analysis: model organism and transgenic animals	Prof KSE Cheah
5	07.03.2023 (Tue)	18:30-20:30	Introduction to protein structure and function	Dr CM Qian
6	14.03.2023 (Tue)	18:30-20:30	Protein dysfunction and disease	Dr CYS Chung
7	21.03.2023 (Tue)	18:30-20:30	Targeting gene mutations by activity-based compounds for cancer therapy	Dr CYS Chung
8	28.03.2023 (Tue)	18:30-20:30	Genetic mutations and cancer	Dr J Kim
9	04.04.2023 (Tue)	18:30-20:30	MicroRNA biogenesis and RNA therapeutics	Dr SC Kwon
10	11.04.2023 (Tue)#	18:30-20:30	Molecular mechanisms of ageing	Prof ZJ Zhou
11	18.04.2023 (Tue)#	18:30-20:30	Protein misfolding, amyloid formation and neurodegeneration	Dr R Hervas Millan
12	25.04.2023 (Tue)#	18:30-20:30	Stem cell and regenerative medicine	Prof P Liu