



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, 21 Sassoon Road # Seminar Room 1, G/F, Laboratory Block, 21 Sassoon Road (for Face-to-face/Hybrid only)
Final Examination:	Wednesday, May 25, 2022 (14:30 – 16:30 pm) TBC, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	08.02.2022 (Tue)	18:30-20:30	Complex genetic diseases	Dr YQ Song
2	15.02.2022 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
3	22.02.2022 (Tue)	18:30-20:30	Epigenetic regulation by histone modifications	Dr XC Bao
4	01.03.2022 (Tue)	18:30-20:30	Introduction to protein structure and function	Dr CM Qian
5	08.03.2022 (Tue)	18:30-20:30	Protein dysfunction and disease	Prof D Chan
6	15.03.2022 (Tue)	18:30-20:30	Gene function analysis: model organism and transgenic animals Gene function analysis: model organism and transgenic animals	Prof. KSE Cheah
7	22.03.2022 (Tue)	18:30-20:30	Targeting gene mutations by activity-based compounds for cancer therapy	Dr CYS Chung
8	29.03.2022 (Tue)	18:30-20:30	Immunological disease	Dr GS Ling
9	12.04.2022 (Tue)#	18:30-20:30	MicroRNA biogenesis and RNA therapeutics	Dr SC Kwon
10	19.04.2022 (Tue)	18:30-20:30	Molecular mechanisms of ageing	Prof ZJ Zhou
11	26.04.2022 (Tue)	18:30-20:30	Protein misfolding, amyloid formation and neurodegeneration	Dr. R Hervas Millan
12	03.05.2022 (Tue)	18:30-20:30	Stem cell and regenerative medicine	Prof P Liu