



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 * Lecture Theatre 2, G/F, William M.W. Mong Block, No. 21 Sassoon Road
Final Examination:	Friday, May 17, 2024 (9:30 – 11:30 am) Room 103, Main Building, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	30.01.2024 (Tue)*	18:30-20:30	Complex genetic diseases	Dr YQ Song
2	06.02.2024 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
3	20.02.2024 (Tue)	18:30-20:30	Epigenetic regulation by histone modifications	Prof Y Liu
4	27.02.2024 (Tue)	18:30-20:30	Targeting gene mutations by activity-based compounds for cancer therapy	Prof CYS Chung
5	05.03.2024 (Tue)	18:30-20:30	Introduction to protein structure and function	Prof CM Qian
6	12.03.2024 (Tue)	18:30-20:30	Protein dysfunction and disease	Prof K Zhou
7	19.03.2024 (Tue)	18:30-20:30	Genetic mutations and cancer	Prof J Kim
8	26.03.2024 (Tue)	18:30-20:30	MicroRNA biogenesis and RNA therapeutics	Prof SC Kwon
9	02.04.2024 (Tue)	18:30-20:30	Gene function analysis: model organism and transgenic animals	Dr ZW Ye
10	09.04.2024 (Tue)	18:30-20:30	Molecular mechanisms of ageing	Prof ZJ Zhou
11	16.04.2024 (Tue)	18:30-20:30	Protein misfolding, amyloid formation and neurodegeneration	Prof R Hervas Millan
12	23.04.2024 (Tue)	18:30-20:30	Stem cell and regenerative medicine	Prof PT Liu