

MMPH6008 Genes and Gene Functions in Diseases (Semester 2)

Course Coordinator(s):	Dr YQ Song, School of Biomedical Sciences (Tel: 3917 9245; Email: songy@hku.hk)
Delivery Mode of Lectures:	Face-to-face
Lecture Venue:	Lecture Theatre 1, G/F, William MW Mong Block, No. 21 Sassoon Road
Final Examination:	Friday, May 23, 2025 (9:30 – 11:30 am) TBC, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	11.02.2025 (Tue)	18:30-20:30	Complex genetic diseases	Dr YQ Song
2	18.02.2025 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
3	25.02.2025 (Tue)	18:30-20:30	Epigenetic regulation by histone modifications	Professor Y Liu
4	04.03.2025 (Tue)	18:30-20:30	Gene function analysis: model organism and transgenic animals	Dr. ZW Ye
5	11.03.2025 (Tue)	18:30-20:30	Introduction to protein structure and function	Professor K Zhou
6	18.03.2025 (Tue)	18:30-20:30	Protein dysfunction and disease	Professor K Zhou
7	25.03.2025 (Tue)	18:30-20:30	Targeting gene mutations by activity-based compounds for cancer therapy	Professor CYS Chung
8	01.04.2025 (Tue)	18:30-20:30	Genetic mutations and cancer	Professor J Kim
9	08.04.2025 (Tue)	18:30-20:30	MicroRNA biogenesis and RNA therapeutics	Professor SC Kwon
10	15.04.2025 (Tue)	18:30-20:30	Molecular mechanisms of ageing	Professor ZJ Zhou
11	22.04.2025 (Tue)	18:30-20:30	Protein misfolding, amyloid formation and neurodegeneration	Professor R Hervas Millan
12	29.04.2025 (Tue)	18:30-20:30	Stem cell and regenerative medicine	Professor P Liu