



Course Title & Code: MMPH6008 - Genes and Gene Functions in Diseases

Course Co-ordinator: Professor Jung Kim, School of Biomedical Sciences

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Venue: Lecture Theatre 1, G/F, William MW Mong Block,
 No. 21 Sassoon Road
 # Seminar Room 3, 4/F, Room 402, No. 3 Sassoon Road

Tentative Examination Date: Wednesday, May 20, 2026 (9:30-11:30 am)

Venue: TBC

Timetable

	Date	Time	Lecture Topic	Lecturer
1	03.02.2026 (Tue)	18:30-20:30	Complex genetic diseases	Professor J Kim
2	10.02.2026 (Tue)	18:30-20:30	Reverse genetics and cloning of human disease genes: the cystic fibrosis gene	Dr KM Yao
3	24.02.2026 (Tue) #	18:30-20:30	Epigenetic regulation by histone modifications	Professor Y Liu
4	03.03.2026 (Tue) #	18:30-20:30	Gene function analysis: model organism and transgenic animals	Dr ZW Ye
5	10.03.2026 (Tue)	18:30-20:30	Introduction to protein structure and function	Professor K Zhou
6	17.03.2026 (Tue)	18:30-20:30	Protein dysfunction and disease	Professor K Zhou
7	24.03.2026 (Tue)	18:30-20:30	Targeting gene mutations by activity-based compounds for cancer therapy	Professor CYS Chung
8	31.03.2026 (Tue)	18:30-20:30	MicroRNA biogenesis and RNA therapeutics	Professor SC Kwon
9	14.04.2026 (Tue)	18:30-20:30	Genetic mutations and cancer	Professor J Kim
10	21.04.2026 (Tue)	18:30-20:30	Molecular mechanisms of ageing	Professor ZJ Zhou
11	28.04.2026 (Tue)	18:30-20:30	Protein misfolding, amyloid formation and neurodegeneration	Professor R Hervas Millan
12	05.05.2026 (Tue)	18:30-20:30	Stem cell and regenerative medicine	Professor P Liu