

The University of Hong Kong
Department of Pathology

Master of Molecular and Diagnostic Pathology
Molecular Pathology, Course 3

MMDP7003 Fundamentals of Genetic Testing for Hereditary Disorders

Course Coordinators: Prof US Khoo & Prof CW Lam

7-8 March 2026

Venue: Room 035, 6/F, Block T, Queen Mary Hospital
Room 025, 2/F, Block T, Queen Mary Hospital

Saturday, 7 March 2026		Venue: T06-035
Time	Topics	Lecturers
8.20 am - 8.30 am	Introduction	Prof. CW Lam
8.30 am - 10.30 am	Introduction to Molecular Genetics	Prof. CW Lam
10.30 am - 10.45 am	Student/Teacher Consultative Meeting for MMDP7002 (All students are welcome)	Prof. US Khoo & Prof. A Cheung
Break		
11.00 am - 1.00pm	Genetic testing for familial breast and ovarian cancer	Prof. US Khoo
1.00 pm - 1.35 pm	Practical / Tutorial	Prof. US Khoo
Lunch Break		
2.35 pm - 4.35 pm	Genetic testing for familial colorectal cancer	Dr. Helen Yan & Dr. Matthew Hsu
4.35 pm - 5.10 pm	Practical / Tutorial	Dr. Helen Yan & Dr. Matthew Hsu
Break		
5.25 pm - 7.25 pm	Genetic Diagnosis of Globin Disorders	Dr. Li Ting Hon, Stanford
7.25 pm - 8.00 pm	Practical / Tutorial	Dr. Li Ting Hon, Stanford

Sunday, 8 March 2026		Venue: T06-035
Time	Topics	Lecturers
8.30 am - 10.30 am	Molecular genetics of Lipid Disorders	Dr. Jacky Ling
10.30 am - 11.05 am	Practical / Tutorial	Dr. Jacky Ling
Break		
11.20 am - 1.20 pm	Molecular genetics in Paediatrics	Prof. CW Lam
1.20 pm - 1.55 pm	Practical / Tutorial	Prof. CW Lam
Lunch Break		
2.55 pm - 4.55 pm	Laboratory management issues in molecular testing	Dr. Stella Leung
4.55 pm - 5.30 pm	Practical / Tutorial	Dr. Stella Leung

Practical Session
(28 February - 6 March 2026)

Saturday, 11 April 2026	
(Deadline)	Self Assessment Exercises
10:00 am - 10:00 pm	Online MCQ Quiz