

The University of Hong Kong
Department of Pathology

Master of Molecular and Diagnostic Pathology (MMDPath)
Molecular Pathology

MMDP7002 Clinical Applications of Molecular Testing
Course Coordinators: Prof. US Khoo & Prof. Annie Cheung

15-16 November 2025

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

Saturday, 15 November 2025		Venue: T06-035
Time	Topics	Lecturers
9.00 am - 9.30 am	Introduction & Briefing on 'Participation Forum'	Prof. US Khoo & Prof. Annie Cheung
9.30 am - 10.30 am	Targeting KRAS mutation by activity-based compounds for cancer therapy	Prof. Clive Chung
10.30 am - 10.45 am	Staff-Student Consultative Meeting for MMDP7001 (All students are welcome)	Prof. US Khoo & Prof. Judy Yam
Break		
11.00 am - 12.00 nn	KIT and PDGFRA Mutation Detection in Gastrointestinal Tumors/ RET and MEN I Genetic Testing for Multiple Endocrine Neoplasia Syndrome	Prof. US Khoo
12.00 nn - 1.00 pm	In-situ Hybridization: Clinical Applications	Prof. US Khoo
Lunch Break		
2.00 pm - 3.00 pm	EGFR and other common molecular targets in lung cancer management	Dr. LK Chan
3.00 pm - 4.00 pm	Hepatitis B virus infection – testing for viral load and HBV DNA mutants detection.	Dr. Danny Wong
4.00 pm - 5.30 pm	Quantification of EBV DNA plasma for EBV associated diseases.	Dr. KH Chan

Sunday, 16 November 2025		Venue: T06-035
Time	Topics	Lecturers
9.00 am - 10.00 am	Detection of BCR-ABL1 Fusion Transcript and Kinase Domain Mutation in CML	Prof. Albert Sin
10.00 am - 11.00 am	KRAS mutation detection for colorectal cancer	Dr. Chris Chan
Break		
11.15 am - 12.15 pm	Molecular Genetic Testing in Gynaecological Pathology	Prof. Annie Cheung
12.15 pm - 1.15 pm	Laboratory management issues in molecular testing	Prof. Annie Cheung
Lunch Break		
2.15 pm - 3.15 pm	Molecular pathology of malignant lymphoma	Dr. Rex Au-Yeung
3.15pm - 5:15 pm	Molecular pathology of malignant lymphoma: Advanced concepts	Dr. Rex Au-Yeung
Practical Session (28 February - 6 March 2026)		

Saturday, 13 December 2025	
(Deadline)	Self Assessment Exercises
10:00 am - 10:00 pm	Online MCQ Quiz