



PATH6100 Laboratory Methods and Instrumentation (Semester 1)

Course Coordinator(s):	Dr JWP Yam, Department of Pathology (Tel no.: 2255 2681; Email: judyam@pathology.hku.hk)
Delivery Mode of Lectures:	Face-to-face
Lecture Venue:	Lecture Theatre, 2/F, Block T, Queen Mary Hospital
Final Examination:	Monday, December 12, 2022 (9:30 am – 11:30 am) Room 218, Main Building, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	03.09.2022 (Sat)	14:00-16:00	Tissue processing and immunohistochemistry	Prof Annie NY Cheung/ Prof JM Nicholls
2	10.09.2022 (Sat)	14:00-16:00	Principle and applications of flow cytometry	Dr RWK Ip
3	17.09.2022 (Sat)	14:00-16:00	Protein analysis methods Assignment of essay topics	Dr XW Mao Dr JWP Yam
4	24.09.2022 (Sat)	14:00-16:00	Cancer stem cells: Methods and protocols	Dr TKW Lee
5	08.10.2022 (Sat)	14:00-16:00	Basic concepts in conventional and molecular cytogenetics	Prof TSK Wan
6	15.10.2022 (Sat)	14:00-16:00	Mutation detection technologies	Prof SP Yip
7	22.10.2022 (Sat)	14:00-16:00	Epigenetics and methylation analysis	Dr JCM Wong
8	29.10.2022 (Sat)	14:00-16:00	Animal models for research	Dr CCL Wong
9	05.11.2022 (Sat)	14:00-16:00	Basic concepts in automated DNA sequencing and genotyping	Dr CTL Chan
10	12.11.2022 (Sat)	14:00-16:00	Mass spectrometry and its applications in biological studies	Dr CYS Chung

Additional 4 hours for MPhil/PhD/MRes[Med] candidates:

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	Date	Time	Lecture Topic	Lecturer
11	04.11.2022 (Fri)	14:00-18:00	Student/Essay presentation	Dr JWP Yam/ Dr JCM Wong

Deadline for the submission of essays: 12.11.2022 (Sat)