



PATH6500 Practical Course in Laboratory Methods (Semester 2)
(Prerequisite: PATH6100 Laboratory Methods and Instrumentation)

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| Course Coordinator(s): | Professor JWP Yam, Department of Pathology (Tel: 2255 2681; Email: judyam@pathology.hku.hk) |
| Delivery Mode of Lectures: | Face-to-face |
| Lecture Venue: | Room 02-019, 2/F, Block T, Queen Mary Hospital |
| Final Examination: | Tuesday, May 20, 2025 (9:30 – 11:30 am) TBC, HKU Main Campus |

| | Date | Time | Lecture Topic | Lecturer |
|---|------------------|----------------------------|---|---|
| 1 | 05.04.2025 (Sat) | 09:00-12:00 13:00-15:00 | Extraction methods for DNA, RNA and protein and electrophoresis | Professor JWP Yam |
| 2 | 12.04.2025 (Sat) | 09:00-12:00 13:00-15:00 | Tissue processing, immunohistochemistry and histological analysis | Professor RCL Lo / Professor MCF Yeung |
| 3 | 26.04.2025 (Sat) | 09:00-12:00 13:00-15:00 | Basic tissue culture techniques and flow cytometry analysis | Professor CCL Wong / Dr RWK Ip |
| 4 | 03.05.2025 (Sat) | 09:00-12:00 13:00-15:00 | Reverse transcription, polymerase chain reaction, DNA sequencing and genotyping | Professor JCM Wong |