



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

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| <b>Course Coordinator(s):</b>     | Professor JWP Yam, Department of Pathology<br>(Tel No.: 2255 2681; Email: <a href="mailto:judyam@pathology.hku.hk">judyam@pathology.hku.hk</a> ) |
| <b>Delivery Mode of Lectures:</b> | Face-to-face   |
| <b>Lecture Venue:</b>             | Room 02-019, 2/F, Block T, Queen Mary Hospital   |
| <b>Final Examination:</b>         | <b>Monday, May 13, 2024 (9:30 – 11:30 am)</b><br><b>Room 7, Library Extension, HKU Main Campus</b>   |

|   | <b>Date</b>      | <b>Time</b>                | <b>Lecture Topic</b>  | <b>Lecturer</b>           |
|---|------------------|----------------------------|---|---------------------------|
| 1 | 13.04.2024 (Sat) | 09:00-12:00<br>13:00-15:00 | Extraction methods for DNA, RNA and protein and electrophoresis                 | Prof JWP Yam              |
| 2 | 20.04.2024 (Sat) | 09:00-12:00<br>13:00-15:00 | Tissue processing, immunohistochemistry and histological analysis               | Dr RCL Lo<br>Dr MCF Yeung |
| 3 | 27.04.2024 (Sat) | 09:00-12:00<br>13:00-15:00 | Basic tissue culture techniques and flow cytometry analysis                     | Dr CCL Wong<br>Dr RWK Ip  |
| 4 | 04.05.2024 (Sat) | 09:00-12:00<br>13:00-15:00 | Reverse transcription, polymerase chain reaction, DNA sequencing and genotyping | Prof CM Wong              |