



PHAR6100 Principles of Drug Action (Semester 1)

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| Course Coordinator(s): | Dr CWH Woo, Department of Pharmacology and Pharmacy (Tel no.: 3917 9033; Email: cwhwoo@hku.hk) |
| Delivery Mode of Lectures: | Face-to-face |
| Lecture Venue: | Lecture Theatre 1, G/F, William M.W. Mong Block, 21 Sassoon Road <i>(for Face-to-face/Hybrid only)</i> |
| Final Examination: | Wednesday, December 15, 2021 (14:30 – 16:30 pm) Room 2 Library Extension, Main Campus |

| | Date | Time | Lecture Topic | Lecturer |
|----|------------------|-------------|--|-----------------|
| 1 | 08.09.2021 (Wed) | 18:30-20:30 | The fate of drugs in the body: their absorption, distribution, excretion and metabolism I | Dr CWH Woo |
| 2 | 15.09.2021 (Wed) | 18:30-20:30 | The fate of drugs in the body: their absorption, distribution, excretion and metabolism II | Dr CWH Woo |
| 3 | 29.09.2021 (Wed) | 18:30-20:30 | The theoretical basis of dose-response relationships | Dr SWS Leung |
| 4 | 06.10.2021 (Wed) | 18:30-20:30 | Dose-response relationships | Dr SWS Leung |
| 5 | 13.10.2021 (Wed) | 18:30-20:30 | The development of drug tolerance, physical dependence and resistance | Dr GPH Leung |
| 6 | 20.10.2021 (Wed) | 18:30-20:30 | Molecular interactions between drugs and receptors I | Dr CWH Woo |
| 7 | 27.10.2021 (Wed) | 18:30-20:30 | Molecular interactions between drugs and receptors II | Dr CWH Woo |
| 8 | 03.11.2021 (Wed) | 18:30-20:30 | Mechanisms of drug interactions | Dr CWH Woo |
| 9 | 10.11.2021 (Wed) | 18:30-20:30 | Adverse Drug Reactions – Statistical analysis | Dr Eric Wan |
| 10 | 17.11.2021 (Wed) | 18:30-20:30 | Immunological reactions to drugs | Prof Y Wang |
| 11 | 24.11.2021 (Wed) | 18:30-20:30 | Pharmacogenetics & pharmacogenomics | Prof Y Wang |
| 12 | 01.12.2021 (Wed) | 18:30-20:30 | Genetic polymorphism and drug metabolism | Dr CWH Woo |