



SBMS7500 Advanced Cell Biology (Semester 2)

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| Course Coordinator(s): | Professor R Sugimura, School of Biomedical Sciences (Tel no.: 3917 9269; Email: rios@hku.hk) |
| Delivery Mode of Lectures: | Face-to-face |
| Lecture Venue: | Lecture Theatre 1, G/F, William M.W. Mong Block, No. 21 Sassoon Road |
| Final Examination: | Monday, May 20, 2024 (9:30 – 11:30 am) Loke Yew Hall |

| | Date | Time | Lecture Topic | Lecturer |
|----|------------------|-------------|---|------------------------|
| 1 | 05.02.2024 (Mon) | 18:30-20:30 | Epigenetics | Professor. K Zhou |
| 2 | 19.02.2024 (Mon) | 18:30-20:30 | Tumor and Drosophila Models | Professor J Kim |
| 3 | 26.02.2024 (Mon) | 18:30-20:30 | Cancer Cell Biology | Professor DJH Shih |
| 4 | 04.03.2024 (Mon) | 18:30-20:30 | Single-Cell Sequencing | Professor DJH Shih |
| 5 | 11.03.2024 (Mon) | 18:30-20:30 | RNA biology and RNA-targeting CRISPR-Cas systems | Professor SC Kwon |
| 6 | 18.03.2024 (Mon) | 18:30-20:30 | Cell Metabolism (Bioenergetics and Thermodynamics) | Dr BBH Yuen |
| 7 | 25.03.2024 (Mon) | 18:30-20:30 | Glycolysis, Gluconeogenesis and PPP | Dr BBH Yuen |
| 8 | 08.04.2024 (Mon) | 18:30-20:30 | Red Cells Physiology and Bleeding/Thrombosis Diseases | Professor RR Sugimura |
| 9 | 15.04.2024 (Mon) | 18:30-20:30 | Structural Biology | Professor T Ni |
| 10 | 22.04.2024 (Mon) | 18:30-20:30 | Coagulation and Clinical Relevance | Professor. RR Sugimura |
| 11 | 29.04.2024 (Mon) | 18:30-20:30 | Glial Cell Biology | Prof DKY Shum |
| 12 | 06.05.2024 (Mon) | 18:30-20:30 | Stem Cell Biology and Application | Professor R Jauch |

Attendance is compulsory because course assessment of each candidate will be carried out.

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

MMPH6007 : Advanced Cell Biology
Lecture Venue : To be arranged by teaching department
Coagulation and Clinical Relevance

| | Date | Time | Lecture Topic | Lecturer |
|----|------------------|-------------|----------------------|---|
| 13 | 07.05.2024 (Tue) | 09:00-13:00 | Student Presentation | Professor R Sugimura Professor SC Kwon |