



SBMS7500 Advanced Cell Biology (Semester 2)

Course Coordinator(s):	Professor R Sugimura, School of Biomedical Sciences (Tel: 3917 9269; Email: rios@hku.hk)cu
Delivery Mode of Lectures:	Face-to-face
Lecture Venue:	Lecture Theatre 1, G/F, William MW Mong Block, No. 21 Sassoon Road
Final Examination:	Monday, May 26, 2025 (9:30 – 11:30 am) TBC, HKU Main Campus

	Date	Time	Lecture Topic	Lecturer
1	10.02.2025 (Mon)	18:30-20:30	Epigenetics	Professor K Zhou
2	17.02.2025 (Mon)	18:30-20:30	Tumor and Drosophila Models	Professor J Kim
3	24.02.2025 (Mon)	18:30-20:30	Cancer Cell Biology	Professor DJH Shih
4	03.03.2025 (Mon)	18:30-20:30	Single-Cell Sequencing	Professor DJH Shih
5	10.03.2025 (Mon)	18:30-20:30	RNA biology and RNA-targeting CRISPR-Cas systems	Professor SC Kwon
6	17.03.2025 (Mon)	18:30-20:30	Cell Metabolism (Bioenergetics and Thermodynamics)	Dr BBH Yuen
7	24.03.2025 (Mon)	18:30-20:30	Glycolysis, Gluconeogenesis and PPP	Dr BBH Yuen
8	31.03.2025 (Mon)	18:30-20:30	Red Cells Physiology and Bleeding/Thrombosis Diseases	Professor R Sugimura
9	07.04.2025 (Mon)	18:30-20:30	Coagulation and Clinical Relevance	Professor R Sugimura
10	14.04.2025 (Mon)	18:30-20:30	Structural Biology	Professor T Ni
11	28.04.2025 (Mon)	18:30-20:30	Glial Cell Biology	Professor DKY Shum
12	12.05.2025 (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

	Date	Time	Lecture Topic	Lecturer
13	13.05.2025 (Tue)	09:00-13:00	Student Presentation	Professor R Sugimura / Professor SC Kwon