



**SBMS7500 Advanced Cell Biology (Semester 2)**

<b>Course Coordinator(s):</b>	Dr LW Lim, School of Biomedical Sciences (Tel no.: 3917 6830; Email: <a href="mailto:limlw@hku.hk">limlw@hku.hk</a> )
<b>Delivery Mode of Lectures:</b>	Face-to-face
<b>Lecture Venue:</b>	Lecture Theatre 1, G/F, William M.W. Mong Block, No. 21 Sassoon Road # 3/F, Seminar Room 1, No. 3 Sassoon Road
<b>Final Examination:</b>	<b>Saturday, May 20, 2023 (9:30 – 11:30 am)</b> <b>Room 201, Main Building, HKU Main Campus</b>

	Date	Time	Lecture Topic	Lecturer
1	06.02.2023 (Mon)	18:30-20:30	Essential components of the cell	Dr YP Ching
2	13.02.2023 (Mon)	18:30-20:30	Cell cycle and cell divisions	Dr KM Yao
3	20.02.2023 (Mon)	18:30-20:30	Cancer Cell Biology	Dr DJH Shih
4	27.02.2023 (Mon)	18:30-20:30	Single-Cell Sequencing	Dr DJH Shih
5	06.03.2023 (Mon)	18:30-20:30	RNA biology and RNA-targeting CRISPR-Cas systems	Dr. SC Kwon
6	13.03.2023 (Mon)	18:30-20:30	Cell Metabolism (Bioenergetics and Thermodynamics)	Dr BBH Yuen
7	20.03.2023 (Mon)	18:30-20:30	Glycolysis, Gluconeogenesis and PPP	Dr BBH Yuen
8	27.03.2023 (Mon)	18:30-20:30	Red Cells Physiology and Bleeding/Thrombosis Diseases	Dr R Sugimura
9	03.04.2023 (Mon)	18:30-20:30	Coagulation and Clinical Relevance	Dr R Sugimura
10	17.04.2023 (Mon)	18:30-20:30	Cell Biology of Neuromuscular Junction	Dr CW Lee
11	24.04.2023 (Mon)#	18:30-20:30	Glial Cell Biology	Prof DKY Shum
12	08.05.2023 (Mon)	18:30-20:30	Stem Cell Biology and Application	Dr 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 : LT1

	Date	Time	Lecture Topic	Lecturer
13	09.05.2023 (Tue)	09:00-13:00	Student Presentation	Dr LW Lim Dr. CW Lee