



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

<b>Course Coordinator(s):</b>	Dr R Sugimura, School of Biomedical Sciences (Tel no.: 3917 9269; Email: <a href="mailto:rios@hku.hk">rios@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
<b>Final Examination:</b>	<b>Monday, May 20, 2024 (9:30 – 11:30 am)</b> <b>TBC, HKU Main Campus</b>

	<b>Date</b>	<b>Time</b>	<b>Lecture Topic</b>	<b>Lecturer</b>
1	05.02.2024 (Mon)	18:30-20:30	Essential components of the cell	Dr YP Ching
2	19.02.2024 (Mon)	18:30-20:30	Tumor and Drosophila Models	Dr J Kim
3	26.02.2024 (Mon)	18:30-20:30	Cancer Cell Biology	Dr DJH Shih
4	04.03.2024 (Mon)	18:30-20:30	Single-Cell Sequencing	Dr DJH Shih
5	11.03.2024 (Mon)	18:30-20:30	RNA biology and RNA-targeting CRISPR-Cas systems	Dr 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	Dr R Sugimura
9	15.04.2024 (Mon)	18:30-20:30	Coagulation and Clinical Relevance	Dr R Sugimura
10	22.04.2024 (Mon)	18:30-20:30	Structural Biology	Dr T Ni
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	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 : To be arranged by teaching department

	<b>Date</b>	<b>Time</b>	<b>Lecture Topic</b>	<b>Lecturer</b>
13	07.05.2024 (Tue)	09:00-13:00	Student Presentation	Dr R Sugimura Dr SC Kwon