



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

<b>Course Coordinator(s):</b>	Professor R Sugimura, School of Biomedical Sciences (Tel: 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 MW Mong Block, No. 21 Sassoon Road * Seminar Room 1, G/F, Laboratory Block, No. 21 Sassoon Road # Seminar Room 3, 4/F, Room 402, No. 3 Sassoon Road
<b>Final Examination:</b>	<b>Thursday, May 21, 2026 (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	19.01.2026 (Mon)	18:30-20:30	Logistics of the course and orientation of entire talks	Prof. Rio Sugimura.
2	26.01.2026 (Mon)	18:30-20:30	How a cell forms life.	Prof. Rio Sugimura
3	02.02.2026 (Mon)	18:30-20:30	Cancer as a rogue development of cells	Prof. Jung Kim
4	09.02.2026 (Mon)*	18:30-20:30	Cancer and signals	Prof. David Shih
5	02.03.2026 (Mon)#	18:30-20:30	Neuroimmune cell signals	Prof. Shoutang Wang
6	09.03.2026 (Mon)	18:30-20:30	Engineering immune cell signals	Prof. Rio Sugimura
7	23.03.2026 (Mon)	18:30-20:30	Cellular optogenetics	Prof. Heath Johnson
8	30.03.2026 (Mon)	18:30-20:30	Stem cell and its application	Prof. Ralf Jauch
9	13.04.2026 (Mon)	18:30-20:30	DNA nanotechnology mediated cell delivery	Dr. Andrew Kinghorn
10	20.04.2026 (Mon)	18:30-20:30	Structure biology of cells and their relatives	Prof. T Ni
11	27.04.2026 (Mon)	18:30-20:30	Epigenetic regulation of cells	Prof. Keda Zhou
12	04.05.2026 (Mon)	18:30-20:30	CRISPR manipulates cellular epigenetics	Prof. Chul Kwon

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 : Seminar Room 4, G/F, Laboratory Block, 21 Sassoon Road

	<b>Date</b>	<b>Time</b>	<b>Lecture Topic</b>	<b>Lecturer</b>
13	05.05.2026 (Tue)	09:00-13:00	Student Presentation	Professor R Sugimura / Professor SC Kwon