



Course Title & Code: MMPH6007 – Advanced Cell Biology

Course Co-ordinator: Professor R Sugimura, School of Biomedical Sciences
(Tel: 3917 9269; Email: rios@hku.hk)

Venue: 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

Tentative Examination Date: Thursday, May 21, 2026 (9:30 – 11:30 am)
TBC, HKU Main Campus

Timetable

	Date	Time	Lecture Topic	Lecturer
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

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