

Professional Certificate in Application of Immune Effector Cells in Cell Therapy

This entails our programme schedule for online live lessons. There will be pre-recorded lessons for learners to watch before attending live lessons. These pre-recordings will be released one week before the next lesson.

Module Schedule*

Semester Week	Date	Time	Lecture Title	Lecturer
1	5 Feb 2025	7:00pm - 8:00pm	Admin Briefing	Dr Png Chin Wen
2	12 Feb 2025	7:00pm - 8:00pm	Hematopoiesis	Dr Makoto Yawata
		8:00pm - 9:00pm	Basic Immunology in Relation to Cell Therapy	Assoc Prof Veronique Angeli
3	19 Feb 2025	7:00pm - 8:00pm	Overview of Immune Effector Cell (IEC)	Assoc Prof Zhang Yongliang
			Immunosurveillance & Cancer Immunoediting (3Es) & Tumor Microenvironment (note: this is a pre-recording that will be released at the end of the live lecture)	Assoc Prof Liu Haiyan
There will be a break for learners to catch up on intensive pre-recorded videos before the next lesson (no class on 26 Feb 2025).				
Continual Assessment 1 (Open book MCQs) 4 Mar 2025				
5	5 Mar 2025	7:00pm - 8:00pm	Different Mode of Gene Delivery	Dr Volker Patzel
6	12 Mar 2025	7:00pm - 8:00pm	Chimeric Antigen Receptor (CAR) T-Cells	Prof Nicholas Gascoigne
7	19 Mar 2025	7:00pm - 9:00pm	Clinical Research in CAR-T	Prof Li Qi-Jing
Continual Assessment 2 (Open book MCQs) 25 Mar 2025				
8	26 Mar 2025	7:00pm - 7:45pm	International Regulations and Standards on CTGTP	Ms Swati Seervi
		7:45pm - 8:00pm	Q&A for Local & International Regulation and Standards on CTGTP	Ms Swati Seervi
		8:00pm - 9:00pm	HSA Regulations on CTGTP	Dr Ong Lee Lee
9	2 Apr 2025	7:00pm - 9:00pm	Cell Processing: (i) Source of Starting Material & Overview (ii) Minimal Manipulation	Dr Yap Jian Yu
There will be a break for learners to catch up on intensive pre-recorded videos before the next lesson (no class on 9 Apr 2025).				
11	16 Apr 2025	7:00pm - 8:30pm	Quality Management System in GMP: (i) Documentation (ii) Quality Risk Management	Dr Yap Jian Yu
There will be intensive pre-recorded videos on Quality Management System for learners to complete before Week 13.				
12	23 Apr 2025	7:00pm - 8:00pm	Pharmacokinetics/ADME of Cellular Therapy Products	Assoc Prof Gavin Dawe
		8:00pm - 9:00pm	Pharmacodynamics and Long-term Pharmacovigilance of Cellular Therapy Products	Dr Le Thi Nguyet Minh
13	30 Apr 2025	7:00pm - 8:00pm	Pre-Clinical Workup of Patient on CAR-T Part 2	Dr Chen Yunxin
		8:00pm - 9:00pm	CAR-T Therapy: Administration, Management and Complications (i) Lymphocyte Harvest & Administration of CAR-T Cell	Dr Esther Chan
14	7 May 2025	7:00pm - 8:15pm	CAR-T Therapy: Administration, Management and Complications (i) Complications After CAR T-Cell Therapy Part 2	Dr Esther Chan
15	14 May 2025	7:00pm - 8:15pm	Follow-up for Patient Part 2	Dr Esther Chan
16	Final Assessment (Open book MCQs) 20 May 2025			

* Schedule and lecturers may be subject to change.