



**MAPH7360 Advanced Therapy Products
(Semester 2, 2023-24)**

Course Coordinator(s)	Dr. Aviva Chow, Assistant Professor, Department of Pharmacology and Pharmacy (Email: asfchow@hku.hk) Mr. Tony Li, Senior Quality Assurance Manager, Department of Pharmacology and Pharmacy, HKUMed Laboratory of Cellular Therapeutics (Email: tonylihk@hku.hk)
Course Description	This course is designed to provide to students a comprehensive and broad overview of the development and application of Advanced Therapy Products (ATPs). Students will learn about the scientific principles, manufacturing and regulatory frameworks that underpin the evolution of ATP treatment. The course will cover the manufacturing process of ATPs, characterisation, clinical applications and regulatory concerns. Through this course, students will be enhanced with knowledge on the evolvement of cell and gene therapy and be envisioned on their use and impacts in clinical settings.
Mode	Pre-recorded, face to face, Zoom live lectures, and laboratory visit
HKU Credits	3 credits
Assessment (tentative)	Group presentation - 40% Essay - 45% Multiple-Choice Quiz - 15%
Lecture Date and Time (tentative)	Tuesday evening in 2024 - Jan 16, Jan 30, Feb 6, Feb 20, Mar 5, Mar 12, Mar 26, April 9 Laboratory Visit on Saturday March 9, 2024 afternoon
Cost	6560 HKD