

1st Semester Programme



Module Code	Theoretical Modules	Code Lesson	Topics	Lecturer	Day	Date	Hours
CGT 101	Introduction to C> GMP	CGT 101/T1	Welcome and syllabus	Alexandros Spyridonidis			17:00-19:00
		CGT 101/T2	Introduction to cell and gene therapies (C>)	Eyal Neria	Wednesday	05 October 2022	19:00-21:00
		CGT 101/T3	Basic principles of GMP Part 1	Gerhard Bauer	Thursday	06 October 2022	17:00-19:00
		CGT 101/T4	Basic principles of GMP Part 2	Gerhard Bauer			19:00-21:00
		CGT 101/T5	The International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use (ICH) Q8-Q12	Chaya Mazouz	Wednesday	12 October 2022	17:00-19:00
		CGT 101/T6	Technologies for C>/ATMP Manufacturing	Gilad Beck			19:00-21:00
		CGT 101/T7	Challenges of C>/ATMP Manufacturing	Chaya Mazouz	Thursday	13 October 2022	17:00-19:00
		CGT 101/T8	POCare Manufacturing	Vered Caplan			19:00-21:00
		CGT 101/T9	Elements of the Quality Management System (QMS) and QP role	Vincent Vandamme	Wednesday	19 October 2022	17:00-19:00
		CGT 101/T10	Case study	Gerhard Bauer			19:00-21:00
		CGT 101/T11	EXAMS		Thursday	20 October 2022	17:00-21:00
CGT 102	Biological aspects of C> / Basic cell biology	CGT 102/T1	Cells and tissue culture basics, cells life cycle	Konstantina Nika	Wednesday	26 October 2022	17:00-19:00
		CGT 102/T2	Cells life cycle, cell death, aging and senescence, differentiation	Lygerou			19:00-21:00
		CGT 102/T3	Stem cells	Taraviras			17:00-19:00
		CGT 102/T4	Case studies of cell types (MSCs, immune cells, stem cells)	Stephen Minger	Thursday	27 October 2022	19:00-21:00
		CGT 102/T5	Response of immune system to cell therapies	Zeiser	Wednesday	02 November 2022	17:00-19:00
		CGT 102/T6	Cell signaling with focus on T cell signaling	Konstantina Nika			19:00-21:00
		CGT 102/T7	Viruses and viral vectors, non-viral gene therapies	Reem Miari	Thursday	03 November 2022	17:00-21:00
		CGT 102/T8	Case studies of gene therapies (viral vectors, non-viral vectors)	Yannaki			19:00-21:00
		CGT 102/T9	EXAMS		Wednesday	09 November 2022	17:00-21:00

CGT 103	C> Regulation	CGT 103/T1	The regulatory authorities (FDA, EMA) and the regulatory review pathways (IND to BLA; IMPD to MAA)	Chaya Mazouz	Thursday	10 November 2022	17:00-19:00
		CGT 103/T2	ATMP (EU) legislation – an overview	Heiko Von Der Leyen			19:00-21:00
		CGT 103/T3	CGT (FDA) guidance - an overview	Chaya Mazouz	Wednesday	16 October 2022	17:00-19:00
		CGT 103/T4	Cell & Gene Therapy Quality/ CMC considerations	Sagi Nahum			19:00-21:00
		CGT 103/T5	Medical device regulations PMA/MDR	Miri Sani	Wednesday	23 November 2022	17:00-19:00
		CGT 103/T6	Expedited programs, orphan drug and Hospital Exemption	Chaya Mazouz			19:00-21:00
		CGT 103/T7	Submitting a file for GMP Facility authorization	Vincent Vandamme	Thursday	24 November 2022	17:00-19:00
		CGT 103/T8	Real World Data	Chaya Mazouz			19:00-21:00
		CGT 103/T9	Case study	Mougiakakos	Wednesday	30 November 2022	17:00-19:00
		CGT 103/T10	EXAMS		Thursday	01 December 2022	17:00-21:00
CGT 104	Biostatistics and medical data analysis	CGT 104/T1	Population, sample and data collection	Papageorgiou	Wednesday	07 December 2022	17:00-19:00
		CGT 104/T2	Descriptive statistic methodology using SPSS	Papageorgiou			19:00-21:00
		CGT 104/T3	Survival outcomes (Kaplan–Meier, CI, competing risks)	Papageorgiou	Thursday	8 December 2022	17:00-19:00
		CGT 104/T4	Univariate comparisons	Papageorgiou			19:00-21:00
		CGT 104/T5	Gray's statistic for cumulative incidence functions	Papageorgiou	Wednesday	14 December 2022	17:00-19:00
		CGT 104/T6	Cox regression Multivariate analysis	Papageorgiou			19:00-21:00
		CGT 104/T7	Data presentation of small and big data	Papageorgiou	Thursday	15 December 2022	17:00-19:00
		CGT 104/T8	EXAMS		Wednesday	21 December 2022	17:00-21:00