

2nd Cycle
1st Semester Programme



Module Code	Module Title	Prof	Βαθμολογητές	Lesson Code	Topics	Lecturer/Διδάσκων	Tutor/Εισηγητής	Date	Hours
CGT 101	Introduction to C> GMP	Prof. A Spyridonidis	Prof. A Spyridonidis, Ass. Prof. A. Kriebardis	CGT 101/T1	Welcome and syllabus	Alexandros Spyridonidis (L)	Alexandros Spyridonidis	Τετάρτη 5 Οκτώβριος 2022	17:00-19:00
				CGT 101/T2	Introduction to cell and gene therapies (C>)	Alexandros Spyridonidis (L)	Eyal Neria (T)		19:00-21:00
				CGT 101/T3	Basic principles of GMP Part 1	Gerhard Bauer(L)	Gerhard Bauer(L)	Πέμπτη 6 Οκτώβριος 2022	17:00-19:00
				CGT 101/T4	Basic principles of GMP Part 2	Gerhard Bauer(L)	Gerhard Bauer(L)		19:00-21:00
				CGT 101/T5	The International Council for Harmonization of Technical Requirements for Pharmaceuticals for Human Use (ICH) Q8-Q12	Dimitris Chaniotis (L)	Chaya Mazouz(T)	Τετάρτη 12 Οκτώβριος 2022	17:00-19:00
				CGT 101/T6	Technologies for C>/ATMP Manufacturing	Dimitris Chaniotis (L)	Gilad Beck (T)		19:00-21:00
				CGT 101/T7	Challenges of C>/ATMP Manufacturing	Anastasios Kriebardis (L)	Chaya Mazouz(T)	Πέμπτη 13 Οκτώβριος 2022	17:00-19:00
				CGT 101/T8	POCare Manufacturing	Anastasios Kriebardis (L)	Vered Caplan (T)		19:00-21:00
				CGT 101/T9	Elements of the Quality Management System (QMS) and QP role	Gerhard Bauer(L)	Vincent Vadamme (T)	Τετάρτη 19 Οκτώβριος 2022	17:00-19:00
				CGT 101/T10	Case study	Gerhard Bauer(L)	Gerhard Bauer(L)		19:00-21:00
CGT 102	Biological aspects of C> / Basic cell biology	Ass. Prof. A. Kriebardis	Prof. A. Spyridonidis, Ass. Prof. A. Kriebardis	CGT 102/T1	Cell signaling with focus on T cell signaling	Konstantina Nika (L)	Konstantina Nika (L)	Τετάρτη 26 Οκτώβριος 2022	17:00-19:00
				CGT 102/T2	Cells life cycle, cell death, aging and senescence, differentiation	Zoi Lygerou(L)	Zoi Lygerou(L)		19:00-21:00
				CGT 102/T3	Stem cells	Adriana kotini(L)	Adriana kotini(L)	Πέμπτη 27 Οκτώβριος 2022	17:00-19:00
				CGT 102/T4	Case studies of cell types (MSCs, immune cells, stem cells)	Stavros Taraviras(L)	Stephen Minger (T)		19:00-21:00
				CGT 102/T5	Then immune system and the immune escape of cancer	Athanasia Mouzaki(L)	Athanasia Mouzaki(L)	Τετάρτη 2 Νοέμβριος 2022	17:00-19:00
				CGT 102/T6	Cells and tissue culture basics, cells life cycle	Konstantina Nika(L)	Katsila (T)		19:00-21:00
				CGT 102/T7	Viruses and viral vectors, non viral gene therapies	Athanasia Aglaia(L)	Reem Miari (T)	Πέμπτη 3 Νοέμβριος 2022	17:00-21:00
				CGT 102/T8	Case studies of gene therapies (viral vectors, non-viral vectors)	Athanasia Mouzaki(L)	Nicoleta Psatha (T)		19:00-21:00
				CGT 102/T9	EXAMS 101-102			Τετάρτη 9 Νοέμβριος 2022	17:00-21:00
				CGT 103	C> Regulation	Prof. A Spyridonidis	Prof. A Spyridonidis	CGT 103/T1	The regulatory authorities (FDA, EMA) and the regulatory review pathways (IND to BLA; IMPD to MAA)
CGT 103/T2	ATMP (EU) legislation – an overview	Alexandros Spyridonidis (L)	Heiko Von Der Leyen (T)					19:00-21:00	
CGT 103/T3	CGT (FDA) guidance - an overview	Sagi Nahum (L)	Chaya Mazouz(T)					Τετάρτη 16 Νοέμβριος 2022	17:00-19:00
CGT 103/T4	Expedited programs, orphan drug and Hospital Exemption	Sagi Nahum (L)	Chaya Mazouz(T)						19:00-21:00
CGT 103/T5	Medical device regulations PMA/MDR	Sagi Nahum (L)	Miri Sani(T)					Τετάρτη 23 Νοέμβριος 2022	17:00-19:00
CGT 103/T6	Cell & Gene Therapy Quality/ CMC considerations	Sagi Nahum (L)	Sagi Nahum (L)						19:00-21:00
CGT 103/T7	Submitting a file for GMP Facility authorization	Dimitris Chaniotis (L)	Vincent Vadamme (T)					Πέμπτη 24 Νοέμβριος 2022	17:00-19:00
CGT 103/T8	Real World Data	Dimitris Chaniotis (L)	Chaya Mazouz(T)						19:00-21:00
CGT 103/T9	Case study	Alexandros Spyridonidis (L)	Dimitris Mougialakos(T)					Τετάρτη 30 Νοέμβριος 2022	17:00-19:00
CGT 103/T10	EXAMS 103							Πέμπτη 1 Δεκεμβρίου 2022	17:00-21:00
CGT 104	Biostatistics and medical data analysis	Prof. E. Papageorgiou	Prof. A Spyridonidis	CGT 104/T1	Population, sample and data collection	Efthimia Papageorgiou (L)	Georgios Katsouleas (L)	Τετάρτη, 7 Δεκεμβρίου 2022	17:00-19:00
				CGT 104/T2	Descriptive statistic methodology using SPSS	Efthimia Papageorgiou (L)	Georgios Katsouleas (L)		19:00-21:00
				CGT 104/T3	Survival outcomes (Kaplan–Meier, CI, competing risks)	Efthimia Papageorgiou (L)	Georgios Katsouleas (L)	Πέμπτη 8 Δεκεμβρίου 2022	17:00-19:00
				CGT 104/T4	Univariate comparisons	Efthimia Papageorgiou (L)	Georgios Katsouleas (L)		19:00-21:00
				CGT 104/T5	Gray's statistic for cumulative incidence functions	Georgios Katsouleas (L)	Georgios Katsouleas (L)	Τετάρτη, 14 Δεκεμβρίου 2022	17:00-19:00
				CGT 104/T6	Cox regression Multivariate analysis	Georgios Katsouleas (L)	Georgios Katsouleas (L)		19:00-21:00
				CGT 104/T7	Data presentation of small and big data	Georgios Katsouleas (L)	Georgios Katsouleas (L)	Πέμπτη, 15 Δεκεμβρίου 2022	17:00-19:00
				CGT 104/T8	EXAMS 104			Τετάρτη 21 Δεκεμβρίου 2022	17:00-21:00
PRACTICAL MODULES									
Module Code	Module Title	Prof		Lesson Code	Topics	Lecturer	Tutor	Date	Hours
CGT 102/P	Basic cell biology	Ass. Prof. A. Kriebardis		102/P1	Peripheral blood mononuclear cells isolation	Kriebardis, Fortis , Pavlou, Goulielmaki	Kriebardis, Fortis, Pavlou, Goulielmaki	Σάββατο 22 Οκτώβριος 2022	10.00-16.00
				102/P2	Sample preparation for flow cytometry				
				102/P3	Analysis of data				
				102/P4	Protein Isolation	Kriebardis, Fortis , Pavlou, Goulielmaki	Kriebardis, Fortis, Pavlou, Goulielmaki		
				102/P5	Nanoparticle tracking analysis				
102/P6									
CGT 101/P	Cell Production	Prof. A Spyridonidis		101/P1	Principles of cell production	Spyridonidis, Zacharioudaki, Kefala	Spyridonidis, Zacharioudaki, Kefala	Σάββατο, 3 Δεκεμβρίου 2022	10.00-16.00
				101/P2	the life cycle of a product				
				101/P3	Tracking/ Labelling				
CGT 103/P	Aseptic processing	Prof. A Spyridonidis		103/P1	Gowning and simulation				
				103/P2	Aseptic work and simulation				