

1st Bioprocessing and Manufacturing of Gene and Cell Therapy Products Course

online live course – times in CET

	Monday Oct 4.2021	Tuesday Oct 5.2021	Wednesday Oct 6.2021	Thursday Oct 7.2021	Friday Oct 8.2021
13.00 - 13.50	Introduction to the Course Participants Presentations (EK/JV/PA)	Cell line development for Viruses Production (ASC)	Cell-based therapeutics for personalised medicine (JV)	Scale-up and the role of automation in G & C T (Process & Product Analytics) (FR)	Lentiviral Vector Manufacturing Platforms for Cell and Gene Therapies– based on TR81 (MS)
Break – 10 min					
14.00 - 14.50	Introduction to Gene Therapy (ASC)	Upstream: Production Technologies and Bioreactors – the principles (PA)	Stem cell biology and therapeutic opportunities (JV)	Analytical and Potency assays (viruses/cells) QC/QA (FR)	Licensing Exercise for manufacturing/EMBT CARs/EMA (EM)
Break – 10 min					
15.00 - 15.50	Turning a virus into gene transfer vector (EK)	Principles of Downstream (TBA)	Manufacturing: UP & DSP Processing of Cells (GuidaS)	Omics in Bioprocess Development (GuidaS)	Health Technology assessment/economics (EM)
Break – 10 min					
16.00 - 16.50	Vector immunogenicity - the why and how (EK)	Gene Modification of Cells for therapy (CARs/TCRs TILs) (TBA)	Cell-based Therapy Control Strategy (MS)	Stem Cells in Drug Discovery and to Model Disease (PA)	Wrap up Session and course Closing (PA/EK/JV)