



Bioprocessing and Manufacturing of Gene and Cell Therapy Products Course 2025, 5 <sup>th</sup> edition						
	Sunday, 21.09.	Monday, 22.09.	Tuesday, 23.09.	Wednesday, 24.09.	Thursday 25.09.	
8.30-9.00			<i>"Croissants" and case-studies in groups</i>			
09.00-10.00	Arrival to Barcelona / Girona airport and transport to Hotel Terramar in Lafranc           Check-in Hotel	<b>Introduction to the Course Participants Presentations Introduction Case studies</b>	<b>6-Cell line development for Viral Vector Production</b> A. Coroadinha	<b>12-Analytical methods for Cell and Gene Therapy products</b> M. Segura	<b>18-Examples of DSP (vectors, cells, EVs)</b> D. Bruecher, M. Serra, J. Vives	
10.00-11.00		<b>1-Introduction to Gene Therapy</b> A. Coroadinha	<b>7-QbD for Early Bioprocess Development of ATMPs</b> I. Papantouniou	<b>13-Cell manufacturing for Tissue Engineering approaches</b> I. Papantouniou	<b>19-Case studies presentations (I)</b>	
11.00-11.30		Coffee Break				
11.30-12.30		<b>2-Turning a Virus into Gene Transfer Vector</b> E. Kremer	<b>8-Stem cell biology and therapeutic opportunities</b> J. Vives	<b>14-Cell-based therapies for personalized medicine</b> J. Vives	<b>Case studies presentations (II)</b> Wrap up session and course closing	
12.30-15.00		Lunch Break & Free Time				
15.00-16.00		<b>3-Vector immunogenicity - the Why and How</b> E. Kremer	<b>9-Tech transfer of a complex cell therapy</b> C. Martin	<b>15-Lentiviral Vector Manufacturing Platforms for CGT</b> M. Segura	<b>Hotel check-out and departure to airport</b>	
16.00-17.00		<b>4-Upstream: Introduction to Production Technologies and Bioreactors</b> M. Serra	<b>10-Omics in Bioprocess Development</b> M. Serra	<b>16-Cell-based Therapy Control Strategy</b> M. Segura		
17.00-17.30		Coffee Break				
17.30-19.00		<b>5-The Road for Making Gene and Cell Therapy Products</b> K. Fisher	<b>11-Downstream Processing in CGT</b> D. Bruecher	<b>17-Regulatory Aspects Health Technology assessment/economics</b> E. McGrath		
19.00-20.00		<i>Case studies in groups</i>				
20.00	<b>Welcome and dinner</b>	<b>Dinner</b>				