

# 11<sup>th</sup> ESACT ANIMAL CELL TECHNOLOGY COURSE

20<sup>th</sup> to 24<sup>th</sup> September 2021

	Monday Sep 20	Tuesday Sep 21	Wednesday Sep 22	Thursday Sep 23	Friday Sep 24
13.00 - 13.50	<b>Introduction of Course Participants presentation</b> F. Gòdia/P. Alves	<b>Post-translational modifications</b> E. Papoutsakis	<b>Omics analysis for systems biology of cells</b> N. Borth	<b>Downstream processing (II)</b> M. Carrondo	<b>Integrated bioprocess for cell culture based vaccines</b> P. Alves
Break					
14.00 - 14.50	<b>Cell line development</b> H. Hauser	<b>Bioreactor Design (I)</b> F. Gòdia	<b>Bioreactor Scale-Up and Scale- Down</b> S. Grammatikos	<b>Integrated bioprocess for protein production</b> A. Tolstrup	<b>Economical aspects of ACT bioprocesses</b> A. Tolstrup
Break					
15.00 - 15.50	<b>Cellular mechanisms (I)</b> E. Papoutsakis	<b>Bioreactor Design (II)</b> F. Gòdia	<b>Downstream processing (I)</b> M. Carrondo	<b>Integrated bioprocess for stem cells</b> P. Alves	<b>Industrial perspectives of ACT</b> A. Tolstrup
Break					
16.00 - 16.40	<b>Cellular mechanisms (II)</b> E. Papoutsakis	<b>Introduction/ Study case presentation</b> S. Grammatikos	<b>Study case/ progress discussion</b> S. Grammatikos	<b>Study case/ final discussion</b> S. Grammatikos	<b>Wrap-up session and Course closing</b>