



METABOLIC AND BIOPROCESS MODELLING FOR ANIMAL CELLS COURSE, 2 <sup>nd</sup> edition 2024					
	Sunday, 13.10.	Monday, 14.10.	Tuesday, 15.10.	Wednesday, 16.10.	Thursday 17.10.
08.30-10.30	<b>Arrival to Barcelona / Girona airport and transport to Hotel Terramar in Lafranc</b>          <b>Check-in Hotel</b>	<b>Introduction to bioprocess modelling for animal cells course</b> I. del Val - UCD D.-Y. Lee - SKKU E. Petiot - 3d.FAB	<b>Chemometric models - case study on Raman spectroscopy</b> E. Petiot - 3d.FAB	<b>Kinetic modelling workshop - Part 2</b> I. del Val - UCD	<b>Multi-omics dataset and bioinformatics</b> C. Clarke - NIBRT To be confirmed
10.30-11.00		Coffee Break			
11.00-13.00		<b>Metabolic modelling</b> D.-Y. Lee - SKKU	<b>Chemometric models workshop (Raman spectroscopy)</b> E. Petiot - 3d.FAB V. Chotteau - KTH	<b>Metabolic modelling workshop - Part 2</b> M. Lakshmanan - IIT Madras	<b>Multi-omics dataset and bioinformatics workshop</b> C. Clarke - NIBRT To be confirmed
13.00-14.30		Lunch Break & Free Time			
14.30-16.30		<b>Kinetic modelling</b> I. del Val - UCD	<b>Kinetic modelling workshop - Part 1</b> I. del Val - UCD	<b>Data-driven modelling of cell cultures</b> D.-Y. Lee - SKKU	Concluding remarks
16.30-17.00		Coffee Break			
17.00-19.00		<b>Chemometrics and their use to support integration of PAT</b> V. Chotteau - KTH	<b>Metabolic modelling workshop - Part 1</b> D.-Y. Lee - SKKU	<b>Hybrid modelling</b> R. Oliveira - Nova School of Science & Technology	Departure to Barcelona/Girona airports
21.00	<b>Welcome and dinner</b>	<b>Dinner</b>			