



Metabolic and Bioprocess Modelling for Animal Cells Course 2025, 3 rd edition					
	Sunday, 12.10.	Monday, 13.10.	Tuesday, 14.10.	Wednesday, 15.10.	Thursday 16.10.
08.00-10.30	Arrival to Barcelona / Girona airport and transport to Hotel Terramar in Lafranc Check-in Hotel	Introduction to bioprocess modelling for animal cells course I. Del Val (UDC), D.-Y. Lee (SKKU), E. Petiot (UdL)	4-Metabolic modelling workshop (Part 1) D.-Y. Lee (SKKU)	8-Hybrid modelling workshop R. Oliveira (NOVA)	12-Chemometric models workshop (Raman spectroscopy) Part 1 E. Petiot (UdL)
10.30-11.00		Coffee Break			
11.00-13.00		1-Metabolic modelling D.-Y. Lee (SKKU)	5-Metabolic modelling workshop (Part 2) M. Lakshmanan (IITM), D.-Y. Lee (SKKU)	9-Data-driven modelling f cell cultures workshop D.-Y. Lee (SKKU)	13-Chemometric models workshop (Raman spectroscopy) Part 2 E. Petiot (UdL)
13.00-14.30		Lunch Break & Free Time			
14.30-16.30		2-Kinetic modelling I. Del Val (UCD)	6-Kinetic modelling workshop (Part 1) I. Del Val (UCD)	10-Multi-omics dataset and bioinformatics workshop M. Lakshmanan (IITM)	Concluding remarks / Departure to airport
16.30-17.00		Coffee Break			
17.00-19.00		3-Hybrid modelling R. Oliveira (NOVA)	7-Kinetic modelling workshop (Part 2) I. Del Val (UCD)	11-Chemometrics and their use to support integration of PAT V. Chotteau (KTH) online	
19.00-21.00		Free time			
21.00	Welcome and dinner	Dinner			