

# PROGRAMME:

HOURS:	12 <sup>TH</sup> JULY	13 <sup>TH</sup> JULY
09:00	Vennue	RheoSense: Intro to Injectability   Rui Soares
09:30	Opening Session   Rui Soares, Paula Chicau, Lúgia Martins	Additional insights into biomolecular stability and aggregation using SEC-MALS and advanced detectors for chromatography   Sandrine Olivier
10:00	DSC - a fundamental tool in protein and membrane characterization   Margarida Bastos	Recent advances using BLI technology: Overview, Cell based assays and MS recovery   Attila Aranyos
10:30	Biophysical tools to assess drugs effect on biological membranes   Salette Reis	Next generation SPR: Reliable binding kinetics and sample quality from Single injections   Attila Aranyos
11:00	Coffee Break	Coffee Break
11:30	Exploring glycan-protein interactions in biomaterials design   Iva Pashkuleva	Contribution of Light Scattering techniques to the characterization of bionanosystems   José Catita
12:00	Contact Angle Applications in Biomaterials   Benilde Saramago	DLS, zeta potential and AFM on the study of Flavivirus replications   Nuno Santos
12:30	Beyond $\alpha$ -helix and $\beta$ -sheet – advancing your research with circular dichroism (CD)   Doug Marshall	Synthesis and Characterization of Smart Hybrid Nanoparticles of Theranostics   José Paulo Farinha
13:00	Lunch	Lunch
14:30	The expanding role of circular dichroism in biotherapeutic development   Doug Marshall	Fluorescence and Confocal Microscopy   José Rino
15:00	Introduction to the new Zetasizer Pro and Ultra   Stéphane Rouquette	Advanced Fluorescence Microscopy: FLIM and STED   Hugo Gonçalves
15:30	Coffee Break	Spectrofluorimetry - a resourceful analytical technique to approach biosciences challenges   Paula Gameiro
16:00	Driven Proteomics by Nano2-based Mass Spectrometry   José Luis Capelo	End
16:30	Microcalorimetry: A versatile tool for the characterization of biomolecular interaction   Raúl Pacheco-Gómez	
17:00		
17:30	End	