

EUROCARB GLYCOTwinning Workshop

“A GLYCOToolbox to decipher glycan interactions and functions”

14:00 – Welcome		
14:05	00:10	Paula Videira, Filipa Marcelo, Angelina Palma UCIBIO, FCT-NOVA <i>Overview of the GLYCOTwinning project: Building Networks to Excel in Glycosciences From implementation to innovation</i>
SESSION 1 Glycomic Approaches – Mass Spectrometry & Glycan Microarrays		
Chaired by Angelina Palma		
14:20	00:15	Noortje de Haan Leiden University Medical Center, Netherlands <i>Dissecting the cell surface glyco(proteo)me</i>
14:35	00:15	Yan Liu Imperial College London, United Kingdom <i>Glycan microarrays for recognition studies of diverse glycan binding systems - recent advance and future prospects</i>
SESSION 2 Structural Biology Approaches – NMR & X-ray crystallography		
Chaired by Paula Videira		
14:55	00:15	Filipa Marcelo UCIBIO, FCT-NOVA <i>NMR & X Ray Integration approach to dissect glycan-proteins interactions</i>
15:10	00:15	Ana Ardá/Ana Gimeno CICbioGUNE <i>Breaking limits of NMR methodology to unveil glycans' molecular recognition events</i>
SESSION 3 Functional Approaches – Cell-based assays		
Chaired by Filipa Marcelo		
15:30	00:15	Paula Videira UCIBIO, FCT-NOVA <i>Functional impact of cell-associated glycan recognition by glycan binding proteins</i>
15:45	00:15	Manfred Wuhrer <i>The impact of glycans on antibody-receptor interactions and effector functions</i>
GLYCOTwinning Opportunities		
16:00	00:05	Tomé Azevedo UCIBIO, FCT-NOVA <i>GLYCOTwinning planned activities</i>
16:05		Networking & Coffee break

