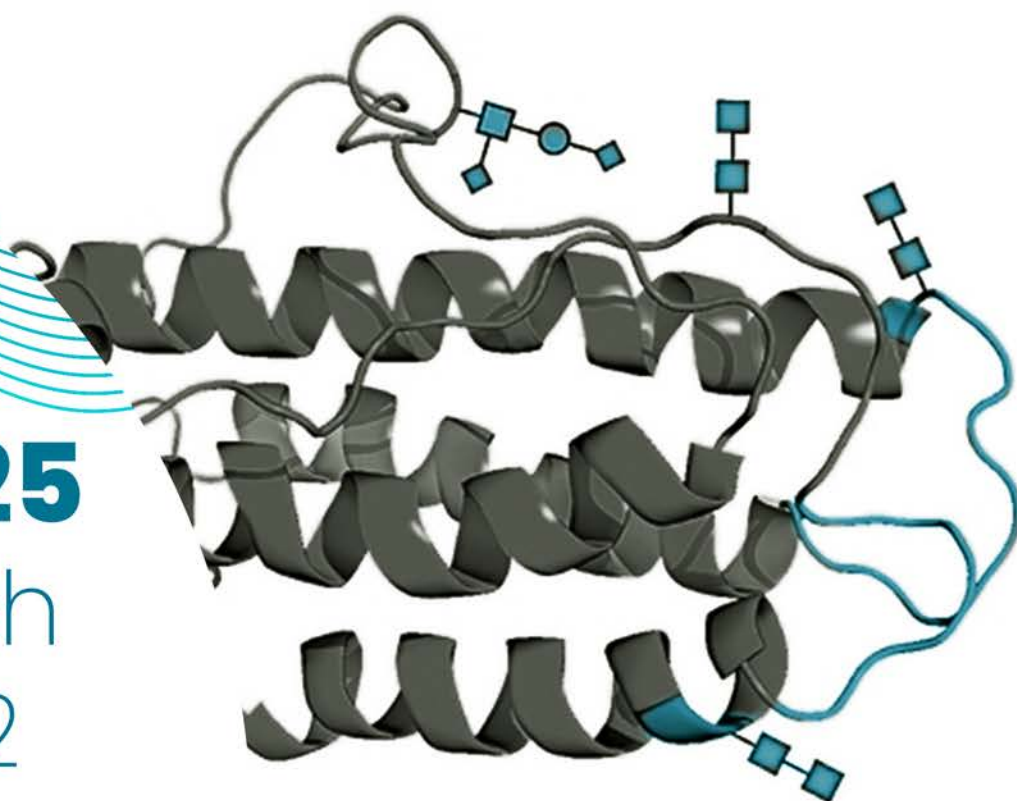


Workshop

Neuroglycoproteins in health and disease

Alicante, Spain

24&25
March
2022



cost
EUROPEAN COOPERATION
IN SCIENCE & TECHNOLOGY



Main Hall of Severo Ochoa building
Universidad Miguel Hernández de Elche



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24th March

9:30–9:45 Opening remarks

SESSION 1

09:45–10:15 **Massimo Aureli** (University of Milan, Italy)
“Plasma membrane-associated glycohydrolases: glyco-enzymes involved in neuronal differentiation and senescence”

10:15–10:45 **Ole K Greiner-Tollersrud** (University of Tromsø, Norway)
“Characterization of N-glycan structures of brain glycoproteins by Q Exactive mass spectrometry: A comparison between secreted and lysosomal proteins”

10:45–11:15 **Elsa Zacco** (Italian Institute of Technology, Geneva, Italy)
“Amino acid-glycan conjugates as protein aggregation inhibitors: A spoonfull of sugar against proteinopathies”

11:15–11:45 **COFFEE BREAK**

11:45–12:45 **Celso A Reis** (University of Porto, Portugal)
“Altered glycosylation in cancer: dissecting the molecular mechanisms and understanding the clinical implications”

13:00–15:00 **LUNCH**

SESSION 2

15:00–15:30 **Roisin O’Flaherty** (Maynooth University, Ireland)
“N-Glycosylation in central nervous system disorders”

15:30–16:00 **Moran Frenkel-Pinter** (The Hebrew University, Israel)
“Establishing the role of global protein glycosylation alterations in Alzheimer’s disease”

16:00–16:30 **Inmaculada Cuchillo** (Instituto de Neurociencias, Alicante, Spain)
“Glycosylation-dependent mechanisms in Alzheimer’s disease”

16:30–17:00 **M^a Salud García Ayllón** (Fisabio, Spain)
“Alterations in acetylcholinesterase glycosylation in Alzheimer’s disease”

25th March

SESSION 3

10:00–10:30 **Angelina Palma** (NOVA University Lisbon, Portugal)
“Glycan microarrays: from construction to application in glycan recognition by proteins”

10:30–11:00 **Ana Ardá** (CIC bioGUNE, Parque Científico Tecnológico de Bizkaia, Spain)
“MR applied to glycoproteins”

11:00–11:30 **Esther Llop** (Universitat de Girona, Spain)
“Determination of altered Prostate Specific Antigen glycoforms in prostate cancer: clinical implications”

11:30–12:00 **COFFEE BREAK**

12:00–13:00 **Lorenzo Albertazzi** (Eindhoven University of Technology, The Netherlands)
Virtual participation
“Single molecule imaging of glycan-lectin interactions on cells”

Venue:

Main Hall of Severo Ochoa building
(Universidad Miguel Hernández de Elche)

Ctra. Alicante-Valencia N 332, 0355
Sant Joan d’Alacant (Alicante)
(Close to Hospital Sant Joan d’Alacant and Institute of Neuroscience)

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