



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

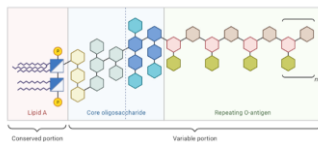
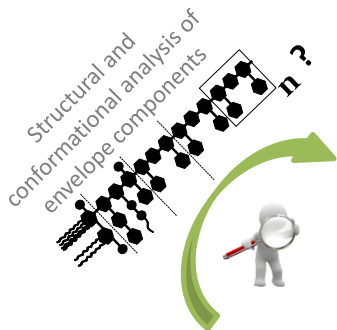
Department of Chemical Sciences

Ph.D. School in Chemical Sciences (XXXVII Cycle)



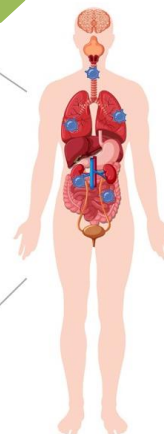
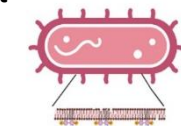
First year activity

Study of the structure of bacterial glycans to understand the mechanisms of interaction with human Siglecs.



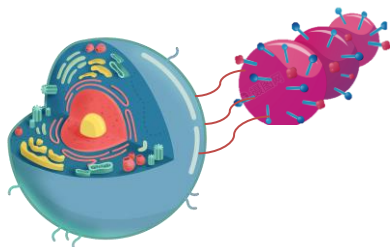
Defining Siglec-sialylated ligands interaction

Exploiting for treatment of human diseases



Ph.D. Student
Marta Tiemblo Martín

FULL CHARACTERIZATION OF BACTERIAL SIALYLATED ENVELOPE COMPONENTS



Developing higher affinity ligands targeting Siglecs

