



UNIVERSITY OF NAPOLI "FEDERICO II"

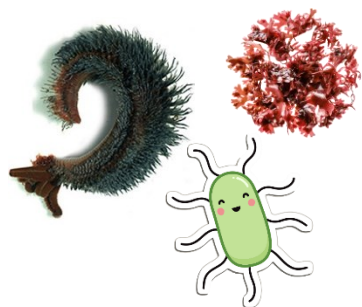
POLYTECHNIC AND SCIENCE SCHOOL

Department of Chemical Sciences

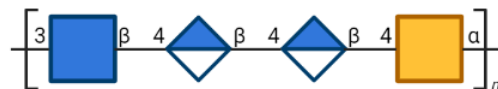
Ph.D. School in Chemical Sciences (XXXVII Cycle)



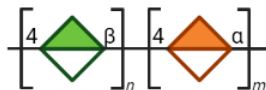
### First year activity



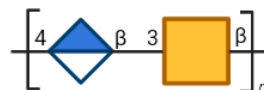
Sustainable sources



EPS from *Vibrio diabolus*



Polymannuronic acid



Chondroitin from *E. coli*



Multi-step strategies



new semi-synthetic polysaccharide derivatives with potential biomedical applications

Ph.D. Student  
Fabiana Esposito

Title:

**Semi-synthetic polysaccharides for drug-discovery**