



UNIVERSITY OF NAPOLI "FEDERICO II"
POLYTECHNIC AND SCIENCE SCHOOL
Department of Chemical Sciences
Ph.D. School in Chemical Sciences (36° Cycle)



Second year activity

Title: MICROBIAL POLYSACCHARIDES AS FLEXIBLE AND RENEWABLE RESOURCES FOR INNOVATIVE APPLICATIONS: STRUCTURAL AND FUNCTIONAL STUDIES

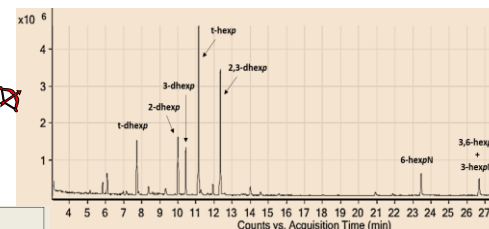
BACTERIAL GROWTH



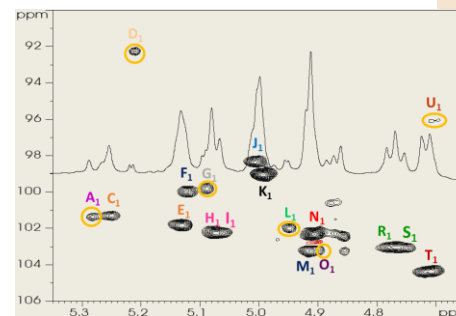
EXTRACTION & PURIFICATIONS

CHEMICAL CHARACTERIZATION

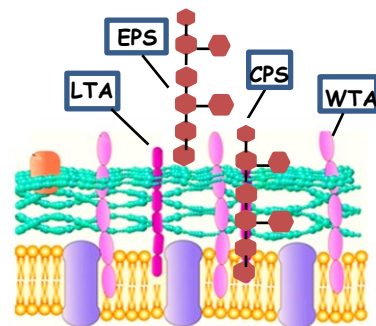
GC-MS SPECTROMETRY



2D NMR SPECTROSCOPY



Cell-wall of Gram+



Ph.D. Student:

Samantha Armiento