



UNIVERSITY OF NAPOLI "FEDERICO II"

POLYTECHNIC AND SCIENCE SCHOOL

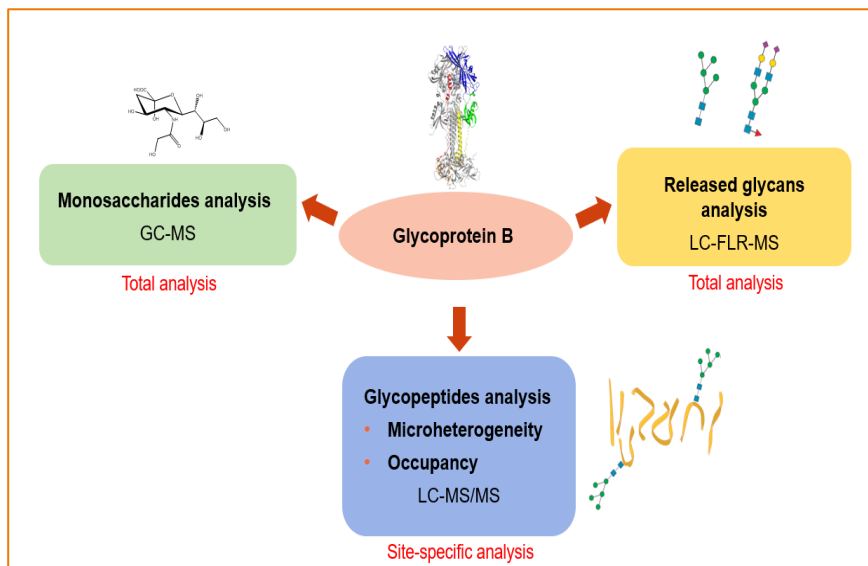
Department of Chemical Sciences

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



Second year activity

Vaccines represent an important class of biomolecules. Glycosylation is the most prominent post-translational modification occurring on these proteins. During the PhD second year the glycoprotein antigen glycans have been characterized by using different hyphenated mass-spectrometry techniques to develop versatile analytical platforms for the rapid analysis of protein glycosylation.



Ph.D. Student

Antonio Lembo

Title

**Development and analysis
of glycoprotein based
antiviral vaccines using
Mass-Spectrometry**

