Visiting Professor Program
Academic Year 2024/2025

TEACHING COMMITMENT: 12 hours

COURSE TITLE
Structure of Macromolecules and Proteomics

TEACHING PERIOD
1st term

SCIENTIFIC AREA
Biology

LANGUAGE USED TO TEACH
English

COURSE SUMMARY
This teaching contributes to the learning objectives included into the Biomolecular area of the Master in Cellular and Molecular Biology - Biologia Cellulare e Molecolare - providing an in-depth and integrated knowledge of biological systems at molecular level focusing on quantitative and qualitative analysis of biological macromolecules and bioinformatic analyses.

LEARNING OBJECTIVES
The course provides the student the knowledge of principles and methods to solve the structure of biological macromolecules, including x-ray crystallography and cryo-electron microscopy.
VISITING PROFESSOR PROFILE
The VP should be an internationally recognised scientist in the field of Structural Biology. He should have a solid experience, proven by PhD, research activity and publications, on protein x-ray crystallography and cryo-electron microscopy and previous teaching experience on these topics.

CONTACT REFERENT
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