



Direzione Innovazione  
e Internazionalizzazione

**UNIVERSITÀ  
DI TORINO**

ID

VP132\_BIOS

## **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.

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### **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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