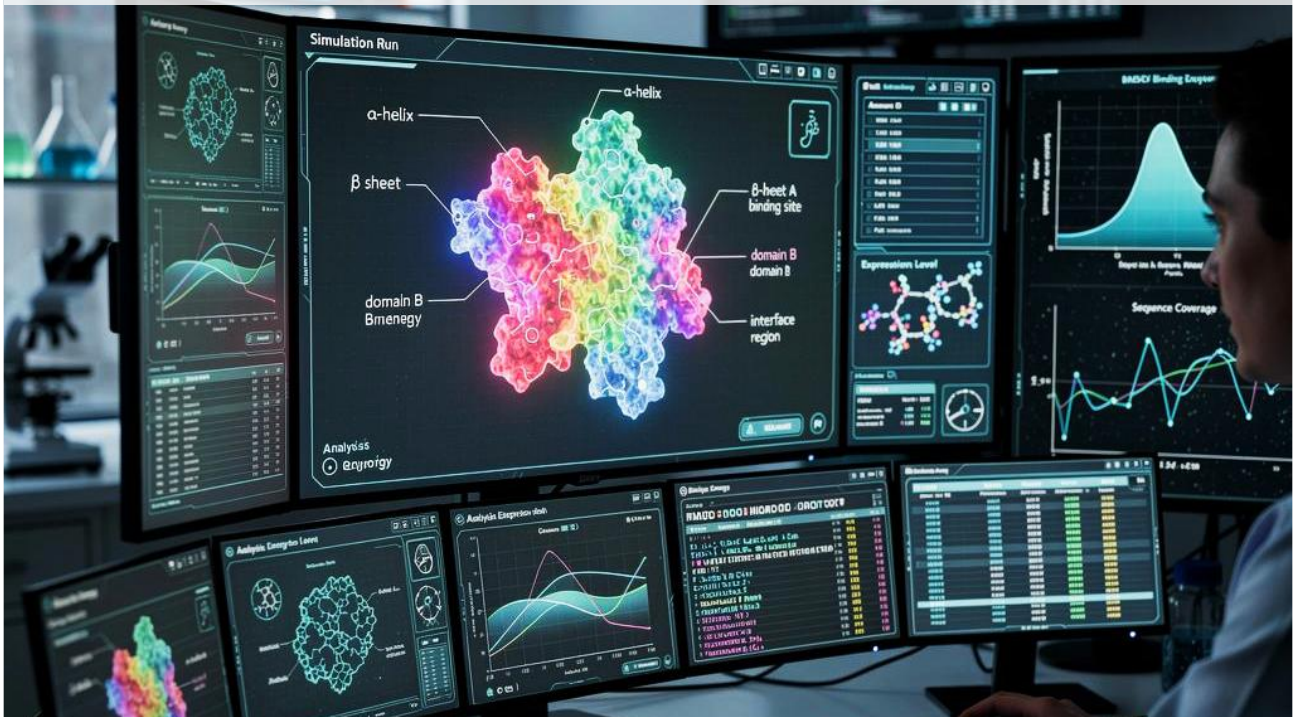


## Bi4999en + Bi9410cen Structural Biology & Bioinformatics



### Explore the architecture of biomolecules

You will learn how macromolecular structures are analyzed and used to understand function, stability and interactions.

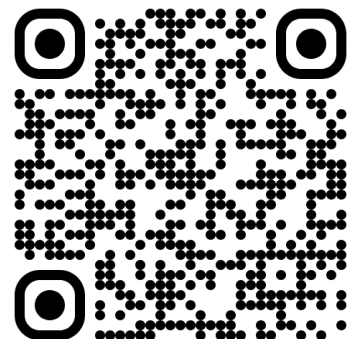
**Teachers:** Dr. Sérgio Marques, Dr. Joan Planas-Iglesias,  
Dr. David Bednář

#### Outline:

- ▶ Biological data and their manipulation
- ▶ Structure determination, prediction, and databases
- ▶ Function, stability and dynamics of biomolecules
- ▶ Macromolecular interactions
- ▶ Applications in drug design and bioengineering

**Language:** English

**Autumn 2026**



Bi4999en: 2/0/0, **2+2 credits**    Bi9410cen: 0/2/0, **2 credits**