



## **SEED4EU+ Project “Understanding the Spatial Organization of p53 in response to DNA damage through Single Particle Tracking”**

### **Call for applications for students enrolled at the University of Milan in the MSc programme in Physics**

The activity concerns the development of a model of the protein p53 to study its condensation in the cellular nucleus by molecular dynamics simulations, and particularly the analysis of the statistical properties of the diffusion of p53 within the condensate. The project is carried on in collaboration with the University of Copenhagen for 14 days in the month of November 2025.

The mobility grant is provided as a lump sum according to the following rates:

- Return travel to and from Copenhagen: 275 euros
- Accommodation allowance per night: 79 euros.

### **Who can apply**

Applicants must be regularly enrolled in the Programme MSc in Physics at the University of Milan until the end of the educational activity (December 2025).

In order to receive the 4EU+ travel and accommodation allowance, they cannot be a recipient of any other EU grant for stays abroad that overlap, even partially, with the physical mobility period.

### **Study Content**

The mobility will take place in November 2025 and will last 14 days. The training activity will be structured as follows:

- Set up of protein model for molecular dynamics simulations
- Simulation of protein condensation

For further information, the candidates should contact [4euplusmobility@unimi.it](mailto:4euplusmobility@unimi.it).

### **Application**

Please apply by **10/10/2025 at 2 pm**. Send your application to: [guido.tiana@unimi.it](mailto:guido.tiana@unimi.it).

Please include:

- 1) motivation letter,
- 2) CV including the list of passed exams



Please include in your email: your name, surname, Study programme, matriculation number (matricola).

### **Selection process**

One student from the University of Milan can be selected for the 2024/2025 edition of the Programme.

Candidates will be evaluated on the following criteria:

- Letter of motivation: up to 10 points
- Curriculum vitae: up to 10 points

The selection will be carried out by Prof. Guido Tiana.

Selected candidates will be informed by email by the coordinator of the 4EU+ Joint educational activity (Prof. Guido Tiana) by 20/10/2025. The selection outcome will be posted to <https://www.unimi.it/en/international/study-abroad/international-opportunities>.

### **Personal data processing**

Pursuant to EU Regulation 2016/679 ("General Data Protection Regulation - GDPR") and Legislative Decree no. 196/2003, as amended and supplemented, the University undertakes to keep the information provided by the applicant confidential. All data will be processed only for the purposes of participation in the programme. Information on the enforcement of the GDPR is available on the University website at <http://www.unimi.it/ateneo/73613.htm> - pathway: [www.unimi.it](http://www.unimi.it) > University > Privacy.

Signed

La RETTRICE  
(Marina Brambilla)  
f.to Marina Brambilla

Prot. 0035626/25  
P. Ass. del 5213650 del 29/09/2025  
Rep. 4087/2025