

European Social Fund Plus 2021/2027

FSE+

PPO 2023 S.P. 22/23

Support for higher education within the regional university

With Decree No. 17895/GRFVG of April 19, 2023, the Friuli Venezia Giulia Region published the Notice regarding the submission of operations for Specific Program No. 22/23, which aims to support higher education within the regional university system.

Line A – PhD Programmes

Specific Programme 22/23, through the funding of doctoral scholarships, contributes to the achievement of the objectives of the Sustainable Smart Specialisation Strategy (S4). It supports the development or strengthening of integration with the regional production system and/or research organisations, through coordination and collaboration mechanisms with regional enterprises or research bodies, or by leveraging the potential for technology transfer of processes, products, applications, or, more broadly, research outcomes.

- Notice **2024**
- **40th cycle**
- Unique Project Code (CUP) **J93C23001490008**
- Project **2024/1543/4**

Doctoral Programme in **Molecular Biomedicine**

“Molecular approaches for the study and personalized therapy of infectious diseases, genetic syndromes, and aging-related pathologies”

The project aims to enhance advanced knowledge that can contribute to the development of new tools for precision medicine. It also seeks to train highly qualified personnel, strengthen the existing collaboration between the University of Trieste and the CRO Aviano, and potentially foster new partnerships with biotechnology companies.

The project includes experimental research activities in one of the following areas: molecular oncology, neurodegenerative and neurodevelopmental diseases, hereditary diseases, fibrotic and cardiovascular diseases, immunology, and molecular microbiology. It intends to use appropriate preclinical models to validate potential diagnostic markers and to develop innovative therapies — including through drug repurposing.

The specific project activities will be defined in alignment with the objectives of the Sustainable Smart Specialisation Strategy (S4), particularly within the specialisation area: Health, Quality of Life, Agri-food, and Bioeconomy. Trajectory 4: Solutions and systems for innovative therapies — integrated development of drugs and biopharmaceuticals (biotech) for personalized and sustainable medicine.