

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 **2024/1543/5**

Doctoral Programme in **Molecular Biomedicine**

“Development of precision oncology approaches for female cancers”

The project aims to identify new therapeutic targets for the treatment of patients with advanced or metastatic breast and gynecological cancers.

It includes an initial phase of genomic analysis on samples collected at CRO Aviano IRCCS, using innovative NGS technologies to highlight alterations associated with disease progression. Subsequently, the identified alterations will be targeted using both genetic and pharmacological approaches, including patient-derived models (PDOs and PDXs).

The project contributes to the achievement of the S4 objectives by strengthening the existing integration between the University of Trieste and CRO Aviano: the knowledge generated in the academic setting can be transferred to the applied research of the IRCCS, and the results obtained by the IRCCS will stimulate the development of new basic research lines.

In addition to the high-level training of personnel, the project may foster new collaborations with biotechnology companies, with a direct impact on the regional production system.