



**Sant'Anna**  
Scuola Universitaria Superiore Pisa

## CALL FOR ONE TECHNICAL STAFF MEMBER

BioRobotics Institute

Sant'Anna School for Advanced Studies – Pisa

### Job Position

The Sant'Anna School for Advanced Studies announces a public selection call based on qualifications and competitive exams for recruiting one technical staff member. The contract will run for 24 months, with placement in D grade, economic position D1 (gross salary: 27.800€/year, net salary: approximately 19.400 €/year), at the BioRobotics Institute of Sant'Anna School for Advanced Studies. This role will provide technical support to the project: *"BRIEF - Biorobotics Research and Innovation Engineering Facilities"*, funded through the National Recovery and Resilience Plan (PNRR), supported by the European NextGenerationEU programme.

### Main duties and activities

The BioRobotics Institute needs a professional profile capable of providing technical-scientific support to its research activities.

The profile requested will assist the other operators working in the BioRobotics laboratories, including postgraduates/research fellows, PhD students, and undergraduate students, as well as any visiting researchers that will express their interest in using the Institute facilities.

In particular, the selected person will carry out the following activities:

- Supporting the setting up a new laboratory dedicated to molecular biology analyses, cell cultures and regenerative medicine.
- Checking and routine maintenance of instruments.
- Management of the supply of laboratory materials.
- Management and monitoring of the archive of cell lines, reagents, plasticware, and laboratory protocols.
- Daily management of the molecular biology, cell cultures, and regenerative medicine laboratory (e.g.: ordinary and extraordinary cleaning, waste disposal, management of the needs of the various users).
- Training of the users involved in research activities in the laboratory, including support to teaching activities for students.

The selected person shall also have the following skills:

- Good knowledge and skills regarding the management of laboratory equipment for analyses and tests (e.g.: thermal cycler, ultracentrifuges, real-time PCR, optical and fluorescence microscope, freeze-dryer, dialysis systems, 3D bioprinters, laminar flow hoods).



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- Good knowledge and skills regarding the main techniques concerning cell biology, with particular reference to the culture of cell lines and primary cells in sterile conditions. Knowledge and skills regarding measures for the prevention and control of contamination of cultured cells and regarding approaches to the disinfection of contaminated cells, materials, and equipment.
- Good knowledge and skills concerning the main molecular biology techniques, with particular reference to the extraction of nucleic acids and proteins, PCR and electrophoresis, immunofluorescence, qualitative and quantitative analysis of protein extracts (western blot, ELISA, etc.), and RNA (real-time PCR).
- Knowledge and skills related to the processing of materials and biomaterials, with particular reference to dialysis, freeze-drying and biofabrication techniques.
- Excellent knowledge and skills in chemical and biological risk assessment and management.

The ideal candidate has an in-depth knowledge of the above-mentioned activities, proven by previous study, research, or professional experiences.

### Admission Requirements

Applicants must hold:

- Master's degree in Biology or Biomedical Engineering or Chemical Engineering or Chemistry or Material Engineering and Sciences or Medical, Veterinary and Pharmaceutical Biotechnologies or Natural Sciences or Pharmacy and Industrial Pharmacy.
- Excellent knowledge of English and Italian.
- In order to work in Italy as public employees, non-EU citizens need a long-term residence permit or the status of refugee or otherwise in need of international protection, i.e. the subsidiary protection status pursuant to Legislative Decree n° 251/2007 or the status of family member of the holder of subsidiary protection status present in the Italian national territory pursuant to art. 22, paragraphs 2 and 3 of Legislative Decree n° 251/2007 (specifying in the application the relevant residence permit).

### Application and attachments

Candidates are requested to apply here: <https://pica.cineca.it/santanna/tipologia/pta>.

Attachments:

- Resume/Curriculum vitae.
- Copy of ID.
- Certified translation of the Master's degree certificate.

**Deadline for applications: 15/03/2023**

Tests schedule will be announced before 22/03/2023.





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For any doubt/clarification or further information, please contact the Administration and Technical Staff Office, +39 050 883552/577, e-mail: [concorsi@santannapisa.it](mailto:concorsi@santannapisa.it).

For technical issues, please contact the CINECA support at the following footer: <https://pica.cineca.it/santanna>.

**The full version of this call is available only on the Italian version of the Sant'Anna School website.**



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