

**DIREZIONE RISORSE UMANE**

*Selection and Development Human Resources Department - Via Università 4, Modena*

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Selection and Development  
Human Resources Department

**JOB TITLE:** fixed-term research technologist at Università degli Studi di Modena e Reggio Emilia - Dipartimento di Scienze della Vita - Modena, by the Law 2010/240 article 24-bis.

**POST TYPE AND GRADE:** fulltime fixed-term contract; contractual level and financial position: D/D3.

**PUBLIC SELECTION** by qualifications and examinations (written and oral exams).

**BASIC FUNCTION:** Coordination and organization of laboratory activities relating to molecular analysis and management of samples relating to the activities envisaged by Spoke 5 of the Ecosister project.

**APPLICATION DEADLINE:** twentieth day following that of publication on the PA Recruitment Portal <https://www.inpa.gov.it/> - 1:00 pm (Italian time).

**AIMS OF POSITION**

The sought-after professional figure will be employed within the Ecosystem For Sustainable Transition project in Emilia-Romagna (ECOSISTER code ECS\_00000033) - Spoke 5 - Circular economy and blue economy - WP5 Climate resilient agriculture, soil preservation, agroecology (CUP: E93C22001100001) NATIONAL PLAN OF RECOVERY AND RESILIENCE (PNRR) - MISSION 4 "Education Research" COMPONENT 2, "From research to business" INVESTMENT 1.5, "Creation and strengthening of "Innovation ecosystems" construction of "territorial R&D leaders", funded by the European Union - NextGenerationEU. MUR notice 3277/2021. Concession decree n.0001052 of 06/23/2022.

The aim of the project is to support investigations in the molecular field with sampling, collection, analysis and data management activities and to facilitate and enhance the research and matching of the skills present within the working groups involved.

**MAIN DUTIES AND RESPONSIBILITIES**

The professionalism sought and the functions to be performed are those attributable to the Category and Area of contractual classification with skills inherent to the complex of processes and techniques for molecular type investigations and to support activities in the planning of project activities of Spoke 5 of the project Ecosystem For Sustainable Transition of Emilia-Romagna (ECOSISTER). The sought-after figure must possess in-depth preparation on issues relating to molecular biology (i.e. DNA metabarcoding and eDNA techniques on different matrices and organisms with the use of Sanger and NGS sequencing) and must be able to manage the instrumentation supplied and conduct autonomously sampling, identification, characterization and conservation of the material. Must be able to carry out data analysis, interpretation of the same, manage banks for the collection of results, and associated metadata and develop design strategies in relation to the experiments carried out. Assist and participate in the preparation of reports on the

progress of the activities of the Spoke. Furthermore, the sought-after professionalism must be able to document the progress of the project activities and the results obtained through the production of scientific reports and the valorisation of research, participating in the dissemination of the results achieved - interpreted on a broad spectrum (e.g., methods, discoveries scientific) - in scientific journals and technical reports. Represent the research group in scientific sharing occasions (e.g., conferences, seminars), citizen involvement (e.g., dissemination seminars, demonstrations), European networking and public consultations. He will also have to participate in project management activities, with specific reference to Spoke, interacting with colleagues from the University offices responsible for managing projects financed under the PNRR (National Recovery and Resilience Plan).

### ADMISSION REQUIREMENTS

Candidates must have the following academic requirements by the selection announcement deadline:

- 1) degree ex D.M. 270/2004 belonging to class L-2, L-13, L-25, L-26, L-32 or equivalent by law and equivalent to these for the purposes of participation in public competitions; master's degree ex D.M. 270/2004 belonging to class LM-6, LM-61 LM-7, LM-9 LM-8, LM-60, LM-69, LM-56, LM-73 or equivalent by law and equivalent to these for the purposes of participation in public competitions;
- 2) particular professional qualification demonstrated by at least 3 years of proven research experience at Research Centres, Universities or other Italian or foreign Public Bodies. Alternatively, the appropriate professional qualification can be demonstrated by possession of a PhD.

Candidates holding a foreign degree must have their degree recognized as the equivalent of an Italian degree. The degree-equivalency application form is available at <http://www.funzionepubblica.gov.it/strumenti-e-controlli/modulistica>

The overall requirement are available in the extended version of the selection announcement. Further qualifications will be valued.

The Administration guarantees fairness and equal opportunities for men and women in terms of work access and contractual conditions.

### APPLICATION AND DEADLINE

To apply is required the payment of a non-refundable contribution of 10 (ten) Euros, as a forfeit coverage of the selection process expenses. Payment must be made by Pica - Piattaforma Integrata Concorsi Atenei.

Application allowed only electronically by PICA - Piattaforma Integrata Concorsi Atenei, available at the following link: <https://pica.cineca.it/unimore/> penalty of exclusion within the twentieth day following that of publication on the PA Recruitment Portal <https://www.inpa.gov.it/> - 1:00 pm (Italian time).

The guideline to submission is on line at <https://pica.cineca.it/unimore/file/LineeGuidaCompilazioneDomandaPICA.pdf>

Before the deadline it is possible to save the application in draft form. The date of submission is certified by the electronic system, that will send a receipt by mail. After the deadline, it will be no more possible to edit and submit the electronic form. To each application will be assigned an ID number, which has to be used for following communications together with the competition code.

The ID number must also be kept for the purposes of communications by the University that require, for privacy reasons, to omit the name of the recipient of the communication.

The date and the time of submission is certified and proven by the electronic system, that will automatically send a receipt to the applicant's mail, after the submission of the application. In case the applicant will not receive the message, he has to contact the technical support at the link at the bottom of the page <https://pica.cineca.it/unimore/>

Any further information on the submission of the application can be required by email ([ufficio.selezioneassunzione@unimore.it](mailto:ufficio.selezioneassunzione@unimore.it)) or telephone (+39 059 205 6447 - 6445 - 6075) to Ufficio Selezione e Sviluppo Risorse Umane

Candidates are admitted to the selection procedure conditionally.

Should any of the requirements not be met, candidates may be excluded from the selection procedure at any moment, even after they have taken the tests.

### EXAMINATION TESTS

Candidates are selected by qualifications and a written and an oral examinations as specified:

- knowledge of the basic methods and tools related to the areas of knowledge and skills required of the figure for the project activities;
- techniques for the characterization and molecular identification of organisms;
- techniques and methods of bioinformatic analysis;
- sampling techniques and methods in aquatic and terrestrial environments.

Knowledge of the most common computer equipment and applications (Office Automation software, browser web and e-mail), knowledge of the English language.

These tests are aimed at verifying the candidate's technical and professional skills, the maturity of thought, the cultural knowledge and the theoretical practical aptitudes relevant to this vacancy.

The times of the examinations will be published, as notification, on the University's web site at the address <http://www.unimore.it/bandi/PersTA-Diari.html> at least 10 days beforehand. No further notice will be given.

Any candidates not coming to the examination will be deemed to have waived their place, regardless of the reason.

Candidates must show a valid ID document before being admitted to the examinations.

**The official call in the extended version and application form are available on the following link: Recruitment Portal "inPA" - <https://www.inpa.gov.it/> - University's "Albo online" - <http://www.unimore.it/bandi/PersTA-Bandi.html> - University's web server - <http://www.unimore.it/bandi/PersTA-Bandi.html> - and on the website Pica - <https://pica.cineca.it/unimore/>**

**LA DIRIGENTE**  
**(dott.ssa Maria Raffaella INGROSSO)**  
**Firmato digitalmente ai sensi del Dec. N. 82/2005**