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University of Padova

Department of Comparative Biomedicine and Food Science - BCA

**Selection announcement for the awarding of 1 research fellowship entitled:
“Application of WGS and metagenomic approaches for the characterization of
microorganisms of animal and environmental origin”**

Decree no. Ref. no. Date

**Candidates shall also refer to the forms and documentation related to the selection
announcement available at the links hereunder:**

<http://www.unipd.it/borse-di-ricerca>

Having regard to par. 4 of Art. 80 of the University's “Regolamento di Ateneo per l'amministrazione, la finanza e la contabilità” (Regulations Governing Administration, Finance, and Accounting) and “Regolamento delle borse per lo svolgimento di attività di ricerca”, (Regulations Governing Research Fellowships) a selection announcement has been published for the awarding of 1 research fellowship at the Department of Comparative Biomedicine and Food Science – BCA under the supervision of dr. Andrea Laconi and prof.ssa Alessandra Piccirillo, Research Project Supervisor. The research fellowship shall last for 9 months.

The research fellowship shall be for a total amount of € 14.550,00 financed by the project “Studio del ruolo della fauna selvatica quale indicatore del livello di antimicrobicoresistenza ambientale (WILDART)” - codice contabile progetto LACO_PUBB24_01 – CUP B23C24000870001 e sul progetto “NETPOULSAFE - Networking European poultry actors for enhancing the compliance of biosecurity measures for a sustainable production” – codice contabile progetto PICC_UER120_01 – CUP C22F20000470006, and will be paid in deferred monthly instalments.

The Research Fellowship Holder must carry out the following research activity:

- Collection and processing of samples from the environment and animal farms;
- Extraction of nucleic acids from clinical and environmental samples (e.g., feces, swabs, water, and biofilms);

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- Identification and quantification of antibiotic resistance genes using real-time PCR;
- Preparation of next-generation sequencing (NGS) libraries for genome sequencing of microorganisms and metagenomics;
- Management and analysis of the generated data.

ADMISSION REQUIREMENTS

- specialization/master degree (a second level degree - D.M. 509/99 and D.M. 270/04) in Master in Biotechnologies, Master in Biological Sciences, Master in Veterinary Medicine.

(The eligibility of qualifications awarded abroad will be verified by the Selection Committee.)

Required skills:

- knowledge of the English language,
- Knowledge of the Office package (Word, Excel, PowerPoint), RStudio, Qiime2, MinKnow, EPI2ME, SPADeS, ResFinder, MyDB Finder, CSI Phylogeny
- scientific publications, documented study and research activities

Incompatibility

The fellowships within this announcement may not be combined with:

- other research grants ;
- fellowships of any other kind, with the exception of those awarded by national or foreign institutes to integrate, with periods abroad, the specific research activities required by this announcement.

In the case of self-employed, employed or parasubordinate employed, compatibility shall be determined by the Research Project Supervisor.

Research Fellowship Holder may not have family or kinship relationships up to the fourth degree with lecturers or researchers working at the Department elected as "Research

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Base", or with Rector, or Director General, or a member of the University Board of Governors.

Procedures for submission of application form

The deadline for submitting the application form is 11 febraury 2026.

The application form to use is available at the link indicated on the selection announcement and/or the link available on the Department's website <http://www.bca.unipd.it/>

Alternatively, it can be submitted as follows:

1) delivered in person to the Administrative Secretariat of the Department of Comparative Biomedicine and Food Science – BCA at the following address: Viale dell'Università, 16 – cap 35020 – Legnaro (PD) on the following days: from Monday to Friday from 08:00 a.m. to 14:00 p.m.;

2) posted by registered mail with advice of receipt to the following address: Administrative Secretariat of the Department of Comparative Biomedicine and Food Science – BCA at the following address: Viale dell'Università, 16 – cap 35020 – Legnaro (PD).

Should the application be sent by registered letter, the postmark will not be accepted as evidence of meeting the application deadline. The date of receipt will be taken into account. Therefore, the application must reach the office before the deadline of this selection announcement.

3) sent by certified e-mail (PEC) to dipartimento.bca@pec.unipd.it.

The envelope or subject heading of the email must indicate the following: "Selection Announcement for the Awarding of Research Fellowship -"**Application of WGS and metagenomic approaches for the characterization of microorganisms of animal an environmental origin**"with the Department of Comparative Biomedicine and Food Science – BCA.

The application must include:

- a) A dated and signed Europass CV, available at the link indicated on the selection announcement;
- b) a photocopy of a valid identity document (Identity Card or Passport);

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c) any other document, qualification or publication useful for the selection process.

Selection procedure

Candidates' applications shall be evaluated by a Selection Committee that will be nominated in accordance with the "Regulations Governing Research Fellowships," on the basis of their qualifications.

Prior to assessing candidates, the Selection Committee shall establish the maximum score, criteria and the procedure to be used in evaluating qualifications.

If the Selection Committee considers the qualifications as sufficient to evaluate the candidates' eligibility it can decide not to hold interviews.

The interview is set to be held on 17 february 2026 at 15:00 p.m. via Zoom

link:

<https://unipd.zoom.us/j/83104587408?pwd=wV9tnP0XP4aWqVx9lzxmyUFeyf5dVk.1>

Any changes will be communicated to the participants.

At the end of the selection process, the Selection Committee shall send the report to the Head of the Department for approval.

After verifying the legality of the deeds, the Head of Department shall approve by decree the ranking order and the awarding of the research fellowship.

The administrative office of the Department that issued the selection announcement shall notify the successful candidate.

The winner must accept the award within ten days of notification. Otherwise the winner shall forfeit the right to the research fellowship. In case of renunciation, the fellowship will be awarded to the next eligible candidate, according to the ranking order.

The ranking order will be published on the Department's web page at the following address, <http://www.bca.unipd.it/news/termine/2>, and on the University's website.

Return of Documents and Publications

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Any documents and publications sent to the University can be returned at the applicant's expense after two months from the completion of the selection process, subject to any ongoing litigation.

Processing of personal data

In accordance with Legislative Decree no. 196 dated 30 June 2003 and s.m.i, it is hereby stated that any data provided, in print or electronic format, shall be handled only for the purposes of this announcement and the entering into and managing of the relationship with the University.

The person responsible for administrative proceedings

In accordance with Art. 5 of Law no. 241 dated 7 August 1990, the person responsible for the selection process (RPA) is dr. Elisabetta Zanaga who can be reached at the Department of Comparative Biomedicine and Food Science – BCA, at the e-mail address elisabetta.zanaga@unipd.it and telephone no. +39 049 8272232.

Final provisions

For anything not specified in this selection announcement, see the University of Padova's current regulations regarding the awarding for research fellowships.

Padova,

Il Responsabile del Dipartimento
di Biomedicina Comparata e Alimentazione
Prof. Luca Bargelloni