Università Ca'Foscari Venezia
Dipartimento di Scienze Molecolari e Nanosistemi

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Università Ca' Foscari Venezia
Campus Scientifico – Via Torino 155, 30170 Mestre (VE)
P.IVA 00816350276 - CF 80007720271
www.unive.it/dsmn

Call for applications for the awarding of 1 Short-term Research Fellowship – Ca' Foscari University of Venice – Department of Molecular Sciences and Nanosystems

HAVING REGARD TO Art. 18, paragraph 5, letter f) of Law no. 240 of 30 December 2010, as amended;

HAVING REGARD TO Art. 21-quinquies of Law no. 241 of 7 August 1990, as amended;

TAKING INTO ACCOUNT that Art. 1-bis, paragraph 2 of Decree-Law no. 45 of 7 April 2025, as amended upon conversion by Law no. 79 of 5 June 2025, which entered into force on 7 June 2025, has repealed the preferential tax regime for post-graduate research scholarships under Art. 4, paragraph 3 of Law no. 210 of 3 July 1998, thereby introducing IRPEF (personal income tax) and IRAP (regional tax on productive activities) taxation for the aforementioned fellowships;

RECALLING the Regulations for the establishment of post-graduate research fellowships pursuant to Art. 18 of Law no. 240 of 30 December 2010, issued by Rectoral Decree no. 300/2014 of 14/04/2014, as amended;

CONSIDERING the request submitted by Prof. Flavio Rizzolio to launch a selection process for a 1-month short-term research fellowship titled “Biological and molecular methodologies for contamination monitoring in sterile processes”;

CONSIDERING that the tax treatment of research fellowships is subject to the legislation in force at the time of payment. Although not explicitly mentioned in this call, the applicable tax regime shall be the one provided for by the pro-tempore legislation in force;

Description

The Department of Molecular Sciences and Nanosystems of Ca’ Foscari University of Venice, pursuant to the Director's Decree no. Rep.887 prot. 251866 of 21/10/2026 regarding the activation of a research fellowship, invites applications for a 1-month short-term research fellowship titled “Biological and molecular methodologies for contamination monitoring in sterile processes”, tutor: Prof. Flavio Rizzolio, within the project “STARLINE - STerile Automatic Robotic Line for Advanced Solutions, Project no. F/400186/01-03/X79, Innovation Agreements D.M. 4 September 2025 and D.D. 27 October 2025, CUP B79J26000190005.

The fellow shall carry out the following research activities:

-Development, optimization, and validation of biological and molecular methodologies for microbial contamination monitoring within the framework of the STARLine project.
- Development and application of molecular biology protocols, including PCR/qPCR, for the detection of microbial contaminants.

- Execution of microbiological and molecular tests, data analysis, and comparison with reference methods to evaluate sensitivity, specificity, reproducibility, and robustness.

For anything not covered by this Call, reference is made to the Regulations and the current legislation on the matter.

Duration of the fellowship: 1 month, starting indicatively from December 2026.

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Amount: The total amount of the fellowship is equal to euro 2.300,00 gross recipient amount. it will be subject to taxation according to current legislation and paid in deferred bi-monthly installments, subject to certification of the regular execution of the activity.

Deadline for application submission: 11/11/2026 at 12:00 PM (noon time). If the indicated deadline falls on a Saturday or a public holiday, the deadline is extended to the first available working day.

Who can participate (University Regulations for the activation of research fellowships, Art. 3)

The selection process is open to citizens belonging to European Union Member States and non-EU citizens who hold a:

Degree in Pharmaceutical Chemistry and Technology (CTF) or equivalent

The requirements must be met by the deadline established by this selection call. Candidates are admitted to the selection process provisionally. Exclusion from the competition for failure to meet the prescribed requirements may be ordered at any time, even after the selection process has taken place, by means of a reasoned decision and notified to the person concerned.

Required Skills

- Basic knowledge of molecular and cellular biology and laboratory techniques applied to biological monitoring;
- Ability to manage biological samples, experimental protocols, and laboratory data;

The candidate must also possess knowledge regarding:

- i) molecular biology techniques, with particular reference to PCR and qPCR;
- ii) microbiological methods for the detection, identification, and control of contamination;
  iii) the analysis, organization, and interpretation of experimental data, including the assessment of the reproducibility and robustness of the methodologies.

Evaluable Qualifications

- Master's degree in biological, biotechnological, pharmaceutical, or related disciplines;
- PhD;
- Proved experience in molecular and cellular biology and/or microbiology laboratories;
- Experience with PCR/qPCR, microbial cultures, preparation of biological samples, data analysis;
- potential publications or participation in relevant research projects.

Incompatibility (University Regulations for the activation of research fellowships, Art. 12)

The research fellowship is incompatible with:

- a) other fellowships awarded for any reason, except for those granted by national or foreign institutions useful for integrating the research activity of the fellow with stays abroad;
- b) attendance of PhD courses with a scholarship and medical specialization courses, in Italy and abroad;
- c) research grants (assegni di ricerca).

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The research fellowship holder may carry out self-employed work, occasional or continuous collaborations, provided it is compatible with the ongoing research activity and subject to prior authorization by the facility, on condition that the activity:
- does not involve a conflict of interest with the specific research activity carried out by the fellowship holder;
- does not cause prejudice to the University.

Holders of subordinate employment relationships (lavoro subordinato), in addition to the authorization of the facility, must provide the authorization of their employer.
In the specific case of employees with a subordinate employment relationship in place before the assignment of the fellowship, the facility must assess its compatibility with the existing employment relationship. If the evaluation is negative, the fellowship will not be awarded; if the outcome is positive, the winning candidate must provide the employer's authorization within 15 days.
Should a subordinate employment relationship arise during the term of the fellowship, the winning candidate is required to communicate the change in status at least 30 days before the start of the employment relationship, for a compatibility assessment by the facility. If the evaluation is negative, the fellowship will terminate by the start date of the subordinate employment relationship; if the outcome is positive, the winning candidate must provide the employer's authorization within 15 days.

The awarding of the fellowship does not constitute an employment relationship, nor does it give rise to rights regarding access to the roles of university staff.

How to participate (University Regulations for the activation of research fellowships, Art. 5)

Candidates must submit:

- The application form
  In the application form, candidates must declare under their own responsibility:
  - the academic qualification held;
  - citizenship (for non-EU citizens residing in Italy: possession of a valid residence permit at the deadline date of the call);
  - physical fitness for the collaboration;
  - awareness that the awarding of the research fellowship is incompatible with the positions referred to in Art. 12 of the University Regulations for the activation of research fellowships and current legislation;
  - not having received restrictive measures of personal freedom at the time of application submission;
  - not having a degree of kinship or affinity, up to and including the fourth degree, with a professor belonging to the research Department or the hiring structure, or with the Rector, the Director General, or any member of the University Board of Directors, being aware of the provisions of Law 240/2010 art. 18 c. 1 letter b);
  - any entitlement to the benefits provided for by Law 104/92.
- An attached CV in European dated and signed.
- A photocopy of a valid identification document (Identity Card or Passport).
- Any other document, qualification, or publication useful for the selection process.

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How to send the application

The application must be sent exclusively using the dedicated web procedure made available at the following addresse:

https://apps.unive.it/domandeconcorso-en/accesso/dsmn-rizz-1m-starline

by 12:00 PM (noon) on 11/11/2026.

After closing and submitting the application and relative documentation through the online procedure, the candidate will receive a confirmation email of submission and an application code. This code allows access to the procedure for any potential update of data and materials no later than the call deadline, fixed for 11th November 2026 at 12:00 PM.

Please note that for any need for support or clarification, candidates can contact the facility exclusively up to 24 hours prior to the closing of the call. For information about the procedure, candidates may contact the Department of Molecular Sciences and Nanosystems, email: ricerca.dsmn@unive.it, tel. +39 041 234 8633/8514.

Please note that in case of a high number of applications and/or heavy file uploads by candidates, the system may experience slowdowns; therefore, it is suggested not to start the procedure close to the deadline.

Incomplete applications and/or those lacking the mandatory signed attachments, where necessary, and those that, for any reason, are forwarded to this University after the deadline indicated above, are inadmissible and will not be taken into consideration.

The declarations made in the application and attachments are deemed to be issued pursuant to Presidential Decree no. 445/2000 and subsequent amendments by candidates entitled to use the simplification forms of administrative certifications permitted by the cited decree.

Selection and Evaluation procedures

The selection of candidates is carried out, based on qualifications and CV, by an examining committee appointed pursuant to Art. 7 of the Regulations for the activation of research fellowships, respecting, where possible, gender balance.
The Examining Committee has a total of 100 points for the evaluation of candidates based on qualifications and is required to establish a final merit ranking based on the scores assigned, identifying the winner. In the event of a tie, the youngest candidate shall be selected.
The ranking will be used according to the order in which it is formulated. In case of withdrawal or non-acceptance within the terms communicated by the facility by the winner of the selection, the fellowship will be assigned to the candidate in the next position of the final merit ranking, in accordance with the University

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Regulations for the activation of research fellowships (Art. 8). The Examining Committee will transmit the minutes of the competition operations to the Director of the research facility, who, having verified the legality of the competitive records, will approve them and assign the fellowship by means of an official decree.

Awarding of the Short-term Research Fellowship

Upon receipt of the selection records, the Director of the facility approves the ranking list and the minutes of the selection procedure by decree and makes them public.
The Secretariat of the Structure that issued the call will transmit a communication containing the starting date of the fellowship to the winner of the selection.
Within seven days of receiving the written communication referred to in the preceding paragraph, the winner must accept the fellowship, under penalty of forfeiture. In case of withdrawal, the fellowship will be assigned to the person in the next position of the final merit ranking.
Publicity of the results of all phases of the selection is ensured in the University Online Registry (Albo online), on the specific webpage of the Department (insert link), and on the University website page at the link.
Access to the selection records is guaranteed pursuant to Law no. 241 of 7 August 1990, as amended, and the relevant internal implementing regulation.

Processing of Personal Data

The processing of personal data will take place in accordance with the provisions of applicable national and EU legislation (Legislative Decree 196/2003 and EU Regulation 2016/679). The Information Notice can be downloaded at the following link: link.

Person in charge of the procedure

Pursuant to the provisions of Art. 5 of Law no. 241 of 07/08/1990, as amended, the manager of the administrative procedure for this selection is Sonia Barizza, Secretary of the Department of Molecular Sciences and Nanosystems.

Final Provisions

For anything not provided for in this Call, reference is made to the Regulations and the current legislation on the matter.

The Director of the Department
of Molecular Sciences and Nanosystems
Prof. Pietro Riello

Firmato digitalmente da
Pietro Riello
Data: 23.10.2026
15:12:03 CEST
Organizzazione:
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STUDI DI
VENEZIA/00816350276