

**Call for n. 3 Short Research Fellowship - Ca' Foscari University of Venice– Department of Molecular Sciences and Nanosystems**

(L. 240 del December 30th 2010, art. 18, DL 19/2012; Regulations about Short Research fellowships DR 399/2018 del 04/05/2018 - last modified October 18, 2021 DR 1277/2021)

The present document in English is to be considered as a mere translation of the provisions of the call which is available in Italian at the following [link](#). The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

The Department of Molecular Sciences and Nanosystems of Ca' Foscari University of Venice, having regard to the Decree of the Director of the Department of Molecular Sciences and Nanosystems Rep. no. 621/2022 prot. no. 96439 of 11/10/2022 establishing the research programmes for awarding of the **3 short fellowships regarding:**

- **“PIN1 IN OVARIAN CANCER”**
- **“NEW INHIBITORS FOR PIN1 PROTEIN”**
- **“A 3D BIOLOGICAL MODEL FOR PIN1 PROTEIN”**

SSD: BIO/11, lasting for **5 months eachone**, tutor prof. Flavio Rizzolio, with the possibility of renewal within the limits of art. 4 of the Regulations for awarding of university short research fellowships funded by AIRC Foundation referring to the Call 2019 Investigator Grant, Identification Project IG 23566, CUP H74I19001600005, with the possibility of renewal within the limits of art. 4 of the Regulations for awarding of university short research fellowships.

The expected starting date is in **November 2022**.

The research fellowship is awarded for the purpose of collaboration with the following research programme of the Department of Molecular Sciences and Nanosystems of Ca' Foscari University of Venice.

*The fellow will perform the following research activities:*

**1- short fellowships regarding the “PIN1 IN OVARIAN CANCER”**

*Development of a 3D biological system in microfluidics for the study of the Pin1 protein in ovarian cancer.*

*3D systems with ovarian cancer cells will be developed using cell biology techniques.*

*This approach will allow to better define the role of the Pin1 protein.*

**2- short fellowships regarding the “NEW INHIBITORS FOR PIN1 PROTEIN”**

*Study of new inhibitors of the Pin1 protein in association with standard and new generation chemotherapy.*

*New therapeutic strategies based on the functioning of the Pin1 protein will be defined.*

*Cell biology and pharmacological chemistry techniques will be used*

*A part of the research activity object of the grant, for a period ranging from a minimum of 1 month to a maximum of 5 months, could be carried out at the Elettra Sincrotrone facilities in Trieste, subject to agreement with the latter body.*

**3- short fellowships regarding the “A 3D BIOLOGICAL MODEL FOR PIN1 PROTEIN”**

*Development of a method with confocal microscopy for the study of the Pin1 protein in ovary organoids.*

*This approach will allow to obtain information on the PIN1 protein at the subcellular level.*

*Furthermore, based on the observed phenotypes it will be possible to predict the best pharmacological treatment for each individual patient.*

*Techniques in the field of biotechnology will be applied.*

**The research fellowship amounts to Euro 4.500,00 eachone.**

**Deadline: November 2<sup>th</sup> 2022 at 12.00 p.m. (italian time)**

**Rules of eligibility - Beneficiaries.**

- a) People with **Masters Degree (or equivalent) in Biotechnologies L02, Pharmaceutical Sciences and Technologies L29, Chemical Sciences and Technologies L27;**
- b) People without masters degree but with specific qualifications as **knowledge of molecular biology or cell biology or biochemistry with proven experience.**

**The following knowledge, skills and experience will also be evaluated as preferential qualifications:**

- a) certificates of attendance of post-graduate specialization courses, achieved both in Italy and abroad, the performance of documented research activities in subjects;
- b) carrying out internships in the context of the scholarship.

Applicants must hold all the requisites within the call deadline.

The qualifications will be evaluated by a Commission that examines the eligibility and qualifications of the candidates and makes a merit rank of them.

**Short Research Fellowship to non-EU citizens.**

If a non-EU citizen already living in Italy applies for a Research Fellowship, he must hold a residence permit valid up to the Deadline of the call. Otherwise, the Department undertakes to undergo the procedures for obtaining a residence permit for research activities.

**How to apply**

Candidates should submit:

1. The application form (<http://www.unive.it/data/28900/>), duly dated and signed.
2. A CV in European format (<http://www.unive.it/data/28900/>), duly dated and signed.
3. A photocopy of a valid identity document (e.g. Identity Card or Passport).
4. All documents, qualifications and publications relevant for the selection procedure.

**How to submit your application**

Candidates must submit an online application with all the required documents in accordance with the Regulations on Short research fellowship awarding and the following paragraphs.

Applications, together with all the required documentation, have to be submitted exclusively online at the following webpage:

<https://apps.unive.it/domandeconcorso-en/accesso/dsmn-rizzolio-3borse>

**ATTENZIONE!**

**It is important that the application form contains the title of the Short Scholarship (the wording to be inserted therefore will be the following: Title of the Scholarship). It is possible to apply for more than one profile, but it is necessary to apply for each profile.**

not later than noon time (12:00 Rome CET) of **November 2<sup>th</sup>, 2022**.

In case the deadline is on Saturdays, Sundays or on holidays it is extended to the first working day thereafter.

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of their application. The candidate if necessary could access the procedures for updating any data and materials through the link and submission number provided in the e-mail until the call deadline expires.

Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline. For further information please contact: Segretariat of the Department of Molecular Sciences and Nanosystems, Research section, tel. 041-2348633/8699, e-mail: [ricerca.dsmn@unive.it](mailto:ricerca.dsmn@unive.it)

The University accepts no liability in the event of the recipient being untraceable or dispersion of the communications due to inaccurate indication of the domicile by the candidate, failure or delay in communication of variation of domicile or causes not depending on the University, or for any postal, telegraphic or telematic error or those attributable to third parties, chance events or force majeure.

The declarations made in the application shall be considered issued in accordance with the DPR no. 445/2000 and subsequent amendments, by candidates entitled to use the simplified administrative certifications permitted by the above decree

#### **Selection procedure**

The selection is made by assessment of the scientific-professional qualifications of the candidates, the *curriculum vitae et studiorum*, and an interview.

**The interview will still be held FOR EVERYONE on 02<sup>th</sup> November 2022 at 02.30 pm**

**through Google Meet**

**to the following address**

**[meet.google.com/qwc-yndm-emt](https://meet.google.com/qwc-yndm-emt)**

**According to the following order:**

**1) short fellowships regarding the “PIN1 IN OVARIAN CANCER”**

**2) short fellowships regarding the “NEW INHIBITORS FOR PIN1 PROTEIN”**

**3) short fellowships regarding the “A 3D BIOLOGICAL MODEL FOR PIN1 PROTEIN”**

#### **TOPICS OF THE INTERVIEW:**

**short fellowships regarding the “PIN1 IN OVARIAN CANCER”**

-Verification of basic knowledge of pharmacology;

-Verification of basic knowledge of biotechnology

**short fellowships regarding the “NEW INHIBITORS FOR PIN1 PROTEIN”**

-Verification of pharmacology knowledge;

-Verification of knowledge of biochemistry;

**short fellowships regarding the "A 3D BIOLOGICAL MODEL FOR PIN1 PROTEIN"**

-Verification of the knowledge of microscopy;

-Verification of basic knowledge of biotechnology;

Candidates shall be selected, on the basis of their qualifications and an interview, by a selection committee appointed pursuant to Art. 7 of the Regulation for the awarding of short-term research fellowships.

Therefore, candidates are required to present themselves, with a valid identification document, without notice, at the premises, on the days and at the time indicated in the public notice.

The absence of candidates from the interview will be considered to all intents and purposes as a renunciation of the selection, whatever the cause.

The Selection Committee awards a maximum of 100 points to applications, on the basis of the qualifications and interview, and then drafts a final merit-based ranking according to the assigned scores and identifies the winner. If the event of a tie, priority shall be granted to the younger of the two candidates.

The ranking shall be used according to the order in which it has been formulated and, in the event of withdrawal or failure by the assignee to accept the award by the deadline set by the department or early termination of the research collaboration agreement, the grant shall be assigned to another candidate following the order of the final merit-based ranking, in accordance with the Regulation for the Awarding of short-term research fellowships (Art. 8). The Selection Committee shall submit a competition report to the Director of the research department, who, after verifying the legitimacy of the competition procedure, shall approve the procedure and award the grant by Director's decree

**Incompatibility**

The fellowships within this announcement may not be combined with:

- other scholarships granted in any capacity, apart from those granted by national or foreign research institutes in order to integrate with periods abroad the specific activity foreseen by the work plan of the appointed fellow;
- attendance of PhD courses with scholarship and medical specialization, in Italy and abroad;
- research grants "assegna di ricerca";
- subordinate employment relationship.

Scholarship holders can carry out occasional work activities, upon written communication to the scientific manager and on the condition that:

- this activity is declared by the person in charge to be compatible with the pursuit of the research activity referred to in the scholarship;
- does not involve a conflict of interest with the specific research activity carried out by the fellow;
- does not prejudice the university, in relation to the activities carried out.

The granting of the Short Research fellowship does not give rise to the establishment of any employment relationship, nor does it give rise to rights regarding access to the roles of the University staff.

**Information and contacts**

Candidates may find further details about the application process and the research project in the official call published on: <http://www.unive.it/data/28824/>.

For further information please contact Segreteria DSMN, tel.041-2348633/8699 email: [ricerca.dsmn@unive.it](mailto:ricerca.dsmn@unive.it)

**Evaluation Procedure and Commission.**

A **Commission** summoned by the Director of the Department, who indicates the President of the Commission and the member taking the minutes, will evaluate the applications.

**Evaluation procedure.** The Commission defines the general evaluation criteria. The interview and any other test must ascertain the suitability of the applicant to the research activity. The Commission compiles a ranking and specifies the winning applicant, having regard to the score appointed to experience and qualifications, interview and any other test, as specified by the call.

**Awarding of the short research fellowship** Having received the selection documents, and at the outcome of the checks, the Director approves, by his own decree, the classification and the selection procedure reports and makes them public according to the procedures specified in the Regulation awarding the short research fellowship art. 6 and in the website <http://www.unive.it/data/28900/>. Exclusion is justified in detail in the selection reports which can be accessed in accordance with law 241/90.

The Director of the Department at which the research programme will be conducted awards the research fellowship to the winner of the selection procedure, subject to ascertainment of the prescribed requirements. The latter shall accept the award within 7 (seven) days from receipt of the communication by signing the relative contract at the competent office of the Department of Molecular Sciences and Nanosystems which will establish the terms of and procedures for the collaboration and allocation of the grant.

**Grant** The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca' Foscari Venezia. The tutor coordinates the activities of the Research Fellow and any other research activity within the same program and provides the Fellow with all the information for carrying out the research.

The Department provides the Research Fellow with the needed back-up support such as access to facilities, equipment and administrative services.

The Research Fellowship is not, in any case, considered as an employment contract and the Fellow is not part of the University staff.

The rights for any patentable invention coming from Research Activities belong to the University or entities with which the University has signed (or will sign) specific agreements.

#### **The person responsible for administrative proceedings**

In accordance with Art. 5 of Law no. 241 dated 7 August 1990, as amended, the person responsible for the selection process (RPA) is Sonia Barizza who can be reached at the Department of Molecular Sciences and Nanosystems at the e-mail address [ricerca.dsmn@unive.it](mailto:ricerca.dsmn@unive.it)

#### **Final provisions**

For anything not specified in this call, see the University of Venice's current regulations regarding the awarding for research fellowships and the current legislation.

Venice, 13/10/2022

Il Direttore del Dipartimento di  
Scienze Molecolari e Nanosistemi  
Prof. Selva Maurizio  
f.to digitalmente ex art.24 Dlgs 82/2005 (CAD) e ss.mm.ii.

VISTO

La responsabile del procedimento

La Segretaria del Dipartimento di Scienze Molecolari e Nanosistemi

Sonia Barizza: [barizza@unive.it](mailto:barizza@unive.it)

Telefono: 041-2348535 fax 041-2348517