

Decreto del Direttore del Dipartimento di Scienze Molecolari e Nanosistemi 2020

1 Research fellowship - Università Ca' Foscari Venezia
(Italian law 30 December 2010, n.240, art. 22)

The present document in English is to be considered as a mere summary of the main provisions of the notice of competition 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.

Description

The Department of *Molecular Sciences and Nanosystems* at Università Ca' Foscari Venezia invites applications for a fellowship in:

Title: "PIN1's functions in ovarian cancer"

SSD: BIO/11

Coordinator and Tutor: Prof. Flavio Rizzolio

Duration: 12 months

Abstract:

High-grade serous ovarian cancer (HGSOC) is the most frequent histotype of ovarian cancers. Although the majority of such patients have no evidence of disease after treatment, about 70% of women have a relapse within 3 years. Tumor heterogeneity and chemoresistance are the major causes of therapeutic failure. The peptidyl prolyl cis-trans isomerase (PPIase) NIMA-interacting 1 (PIN1) controls multiple pathways essential for HGSOC, which inhibition could be important for an innovative target therapy. The project aims to:

1. to establish PIN1 as a booster of HGSOC oncogenesis utilizing normal organoids derived from fallopian tubes. 2. to identify the molecular pathways modulated by PIN1 activity in HGSOC patient-derived tumoroids. 3. to validate the reliability of tumoroids to mimic patients' platinum responsiveness. It will be tested combinatorial therapies with standard and innovative targeted therapies including PIN1.

CUP H74I19001600005

The research may be carried out in English.

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.

Who can apply

Prospective candidates are expected to hold a **Phd degree**.

Ca' Foscari encourages applications from researchers with positive evaluation in all the criteria in individual proposals such as Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar.

Researchers having successfully completed Marie Skłodowska Curie Actions - Individual Fellowships/ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) or similar funded projects are warmly encouraged to apply.

The following qualifications are considered as evaluation criteria:

- c. specialisation diplomas and attendance certificates at post-graduate specialisation courses, obtained both in Italy or abroad, documented research activity in public and private organisations with contracts, study grants or assignments both in Italy and abroad.

Duration of contract: 12 months approximately starting: April 2020.

Stipend: The research fellowship amounts to **24.425,99 Euros per year**, including taxes and social charges.

Deadline for submission of applications: **03-17-2020 at 12.00 (Italian time).**

How to apply:

Candidates should submit:

1. The application form;
2. A motivation letter (max 1 page) along with their CV in European format, duly dated and signed, both to enclosed as a one single.pdf file. ([link](#))
3. A copy of a valid identity document (either Identity Card or Passport);
4. (If available) Evaluation Summary Reports of Marie Skłodowska Curie Actions - Individual Fellowships/ ERC Starting Grants/FIRB (Italian Fund for basic research investments)/SIR (Scientific Young Independence Research) individual proposals having passed all the evaluation thresholds;
5. (If available) Details of Marie Skłodowska Curie Actions - Individual Fellowships, ERC Starting Grants, FIRB (Italian Fund for basic research investments)/ SIR Scientific Young Independence Research funded projects;
6. All documents, qualifications and publications relevant for the selection procedure (please, see the notice [link](#)).

All the schemes of the quoted documentation are available on the website ([link](#)).

How to submit your application

Applications should be submitted by the online procedure, available on the notice webpage ([link](#))

Or submit here:

<https://static.unive.it/domandeconcorso-en/accesso/dsmn-ig23566>

The candidate, after the uploading, will receive a submission number and an e-mail acknowledging receipt of his/her application.

The candidate if necessary could access the procedures for updating any data and materials by the link provided by the e-mail, in any case any updates must be made no later than the deadline **03-17-2020 at 12.00 Italian time**.

Please note that the University can be contacted for any support needs by the candidate until 24 hours prior to the deadline.

Please note that in case of an high number of applications and / or weight of the materials loaded by the candidates the system might become slower, Therefore it is suggested not to start the process close to the deadline.

NB: the University does not take on responsibility for wrong or late communication of addresses, nor for any communication problem not depending on the University.

Evaluation

Up to 100 points, specifically:

For qualifications, publications and possible tests, from 0 to 60;

For interview, from 0 to 40.

Selection procedure

The interview will be on **March 25th 2020 at 9:30 a.m. (italian time)** at the Department of Molecular Sciences and Nanosystems, Università Ca' Foscari Venezia, Via Torino 155- 30172 Mestre-Venice - Italy, at Acquario n. 1, on 5th floor -Building "Alfa".

The list of candidates admitted to the interview will be published on **March 19th 2020**, on the University web page ([link](#)).

Candidates living farther than 200 Kms from Venice may ask to hold a telematic interview.

Topics of the interview:

- Molecular biology skills;
- Cell biology skills;
- Skills for the study of drugs in vitro and in vivo;

- assessment of the knowledge of the Italian language for foreign candidates;- assessment of knowledge of the English foreign language;
- assessment of the Italian language for foreign candidates.

Information and contacts

Candidates may find further details about the application process and the research project in the official call published on the following ([link](#)).

For further information please contact DSMN - Research Sector, tel.041-2348633 email: ricerca.dsmn@unive.it

Venice, February 25th 2020

Il Direttore del Dipartimento di
Scienze Molecolari e Nanosistemi
Prof. Pietro Riello

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VISTO

La responsabile del procedimento

La Segretaria del Dipartimento di Scienze Molecolari e Nanosistemi

Sonia Barizza: barizza@unive.it

Telefono: 041-2348535 fax 041-2348517
