

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: "Study of activated carbon for water purification"**

**SSD: CHIM/04**

**Coordinator and Tutor: Prof.ssa Michela Signoretto**

**Duration: 12 months**

**Abstract:**

The activity will concern the screening of a series of activated carbon, some provided by the company and others found by the University's research group, in order to determine their adsorption capacity against specific pollutants. In particular, the research will be focused on the removal of pesticides, trichlorethylene and perchlorethylene.

The chemical and physical properties of each activated carbon will also be determined.

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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 **master's degree in Chemistry, Industrial Chemistry, Science and Technologies of Bio NanoMaterials**, or related disciplines.

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:**

- a. holding a PhD;
- b. having completed the attendance of a PhD programme, although not having yet obtained the PhD title;
- 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;
- d. experience abroad;
- b. national or international awards in the field of industrial chemistry.

**Duration of contract:** 12 months approximately starting: November 2020.

**Stipend:** The research fellowship amounts to **19.367,00Euros per year**, including taxes and social charges.

**Deadline for submission of applications:** **10-23-2020 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://apps.unive.it/domandeconcorso-en/accesso/dsmn-20chim04>

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 **10-23-2020 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 October 28<sup>th</sup> 2020 at 12:00 (italian time) at the Department of Molecola Sciences and Nanosystems, Università Ca' Foscari Venezia, Via Torino 155- 30172 Mestre-Venice - Italy.**

**The list of candidates admitted to the interview will be published on October 26<sup>th</sup> 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:

- knowledge of gas chromatographic techniques and of characterization of nanomaterials (gas physisorption, desorption in programmed temperature, etc.);
- assessment of the 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](mailto:ricerca.dsmn@unive.it)

Venice, October 2<sup>nd</sup> 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](mailto:barizza@unive.it)

Telefono: 041-2348535 fax 041-2348517

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