

RESOLUTION of 10 June 2022, of the University of Valencia, which makes an official call for applications for the position of Graduate Researcher with a temporary contract at this institution. Project: «Molecule-induced control over 2D Materials (MOL-2D). CPI-22-235».

The Office of the Principal of the University of Valencia, by virtue of the competencies granted in Article 20, in accordance with Article 2.2 of Organic Law 6/2001, of 21 December, on universities, resolves:

To make an official call for applications for the position of Graduate Researcher in accordance with the following terms and conditions:

1. General requirements for candidates

1.1. Have Spanish or EU nationality or be from a country that, in virtue of international treaties entered into by the European Union and ratified by Spain, follows freedom of movement for workers under the terms defined by the European Union Constitutional Treaty, in which case it is necessary to submit the payment receipt for having applied for the EU residence permit.

Candidates of other nationalities may also apply, following the requirements established by current legislation. In this case, the selected candidate must have a work and residence permit before signing the contract.

1.2. Be at least 16 years old by the end of the application deadline.

1.3. Have the academic qualification shown in Annex I.

When the candidate has obtained qualifications abroad and is applying for a position requiring a PhD, it must be proven that the candidate has, if applicable, the official recognition or the certificate of equivalence at the PhD level issued by the university that awarded the degree. This requirement does not apply to candidates who have obtained recognition of their professional qualification within the scope of professions regulated under the provisions set forth in the Provisions of Community Law.

When the candidate has obtained qualifications abroad and is applying for a position requiring a university degree, it must be proven that the candidate has the corresponding official recognition or the credential that proves, if applicable, this recognition or the certificate of equivalence of the degree. This requirement does not apply to candidates who have obtained recognition of their professional qualification within the scope of professions regulated under the provisions set forth in the Provisions of Community Law.

If qualifications obtained abroad have not been officially recognised or declared equivalent before the application deadline, it may be possible to substitute this requirement. Provided that the convening body presumes that the degree is equivalent, it is possible for the candidate to have initiated the procedure for official recognition or the certificate of equivalence. The contract may be terminated if the competent authority rejects it, which is the case if requirements have not been met.

1.4. When a language requirement is shown in Annex I, those recognised are stated in the Equivalency Chart for L2 accreditations at the UV, in accordance with the Governing Council (ACGUV 156/2018) of 10 July 2018.

1.5. Not have any illness or be affected by a physical or mental impairment that would be incompatible with the corresponding duties.

1.6. Not have been disqualified from public service, or have been subject to any disciplinary proceedings leading to the dismissal from any public administration post. Candidates who do not have Spanish nationality must prove that they are not subject to disciplinary measures or criminal conviction impeding them from the selection process

for public employment in their country. If not, a copy of the request for the issuance of this proof must be provided, without prejudice to a signed declaration by the interested party.

All requirements must be met before the application deadline and maintained throughout the selection process.

2. Applications

2.1. Candidates who meet the general requirements and the requirements listed in Annex I must submit their application, curriculum vitae and supporting documents through the online form provided by the University of Valencia. This link (*url*) will be posted on the Human Resources Service (Administration and Services Staff) website in the research section <http://www.uv.es/pasinvest> after the publication of the resolution in the Official Gazette of the Valencian Government (DOGV). A guide to help candidates fill in this application can be accessed through this link: <https://go.uv.es/sNh0jds>.

Candidates who have difficulty carrying out the electronic processing can access the university's ICT support tool through the following email: entreu@uv.es. For any other doubts regarding the details of this call, please contact the team in the research management section of the Human Resources Service (Administration and Services Staff) through the following email: convopi@uv.es

2.2. The deadline for the submission of applications will be 10 working days starting from the working day after the publication of this resolution in the Official Gazette of the Valencian Government (DOGV).

3. Documents to attach online

Various documents must be attached online, preferably in the PDF format. This documentation must be inserted in the tabs and space reserved for it in the following manner:

3.1. The PDF document of the academic qualification or the payment receipt for its issuance fee must be inserted in the fourth tab. If the qualifications are from abroad, the official recognition or corresponding equivalence (or the initiation of this procedure) must be accredited.

In this same tab the remaining PDF documents which accredit any other requirement in the call must also be attached.

3.2. In the fifth tab please attach the PDF document of the identity card, passport of NIE (identification number for foreigners). The last two documents are only required if the candidate does not have Spanish nationality.

3.3. In the fifth tab, in a ZIP file or PDF, please attach the curriculum vitae; you can use the model available and the duly accredited merits on the following link: <http://go.uv.es/F3LCmfj>.

At this point of the procedure it is not necessary to attach documents that are to be certified. A sworn statement by the candidate on the authenticity of the information provided on the application form and annexed documents, without prejudice to the fact that at any moment the committee or the University of Valencia may require the candidates to accredit the veracity of the circumstances and documents which have been subject to evaluation.

4. Selection procedure

4.1. The selection procedure consists of the evaluation of each curriculum vitae by the selection committee listed in Annex III. Candidates will be evaluated in accordance with the scoring scale outlined in Annex II. Merits listed in the curriculum that have not been justified with documents within the application deadline will not be considered.

4.2. The committee may, if necessary, interview the candidates. The number of those who pass the screening interview will be determined by criteria set forth by the selection committee.

4.3. Once the selection procedure has concluded, candidates' scores, the proposed candidate and the resolution will be posted on the notice board at the Human Resources Service (Administrative and Services Staff) and on the website <<http://www.uv.es/pasinvest>>.

4.4. The selection committee may establish that some or all of the participants form part of a job bank and this will be stated in the report provided by the committee.

4.5. The selection committee may declare the position unfilled if, after assessing the merits and the interview, if applicable, the profiles of the candidates with the best scores do not fit the profile of the job vacancy or project.

5. Selection committee

5.1. The selection committee is listed in Annex III.

5.2. Committee members must abstain from intervening if they find themselves in any of the circumstances set out in Articles 23 and 24 of Law 40/2015, of 1 October, on the Legal Regime of Public Administrations.

The committee chair may request committee members to expressly declare that they are not in one of the circumstances listed in the aforementioned Articles.

5.3. The committee will resolve any doubts that may arise in the implementation of these regulations and in unforeseen cases.

5.4. The procedures for actions by the committee will be adjusted at all times by the provisions of Law 40/2015, of 1 October, on the Legal Regime of Public Administrations.

5.5. For communication purposes and any problems that may arise, the selection committee is based at the Institut de Ciència Molecular (ICMOL), of the University of Valencia.

6. Information on collected data

6.1. The University of Valencia is the responsible entity for data provided by candidates who participate in the selection process. The information received will be exclusively processed for the purpose of this call and, if applicable, the subsequent management of staff in accordance with Organic Law 6/2001, of 21 December, on Universities.

Part of the data may be posted on the UV official notice board and on the website in the research management section.

If necessary, data will be provided to the selection committee for the evaluation of merits and the resolution of claims.

6.2. For more information on the data processing, please check this link: <http://go.uv.es/88bqyH6>

7. Language clause

The full text of this resolution and annexes have been written in English, Valencian and Spanish. All three versions are official; however, the Spanish version is to be used in case of discrepancy.

8. Appeals

Against this resolution, which exhausts the administrative channels, an appeal for reconsideration may be lodged before the same body that issued the resolution within one month from the date following its notification or publication or a contentious

administrative appeal may be lodged before the contentious administrative jurisdiction of the Valencian Community within two months from the day following its notification.

An appeal against the decisions by the selection committee may be lodged in accordance with provisions set out in Law 39/2015, of 1 October, on the Legal Regime of Public Administrations and Common Administrative Procedure.

Likewise, the administration, if applicable, may revise the committee's resolutions in accordance with this regulation.

Valencia, 10 June 2022. The Principal, authorised signatory (DOGV 30/05/2022),
The General Manager: Juan Vicente Climent Espí.

ANNEX I

General Conditions for the job offer

1. Project: «Molecule-induced control over 2D Materials (MOL-2D). CPI-22-235».

2. Job title and classification:

Graduate Researcher.

Group: A

Subgroup: A1

3. Workday: 35 hours per week.

4. Granting of the aid: it will be used to finance, among other things, the remuneration. The gross monthly remuneration, full-time, will be 1.541,34 euros (12 payments).

5. Functions and tasks to be performed:

- Exfoliation of 2D materials in solution and their covalent functionalisation.

- Operation of scientific equipment such as Atomic Force Microscopy, RAMAN and XPS interpretation.

6. Purpose and duration:

Research in the area of two-dimensional materials.

The contract will be determined by the length of the project and budget availability.

7. Requirements:

Qualifications: Degree in Chemical Sciences, or equivalent.

According to Article 9 of the Regulations for UV Research Staff, once the PhD has been awarded, the contract will be terminated within 30 days.

ANNEX II

Scoring scale

1. Preferred merits

- 1.1. The average mark of the academic transcript in the studies of *licenciatura* (former Spanish 5-year degree), architecture, engineering, undergraduate degrees, *diplomatura* (former Spanish 3-year degree), technical architecture or technical engineering, is calculated on a 0 to 10 scale, in accordance with Royal Decree 1125/2003, of 5 September, which establishes a European system of credits and the qualification system for official degree programmes, regarding the total credits evaluated in the first and second cycle.
- 1.2. Collaboration grant from the Ministry of Education: 0.05 points
- 1.3. Special award for outstanding student in the *diplomatura* (former Spanish 5-year degree), *licenciatura* (former Spanish 5-year degree), undergraduate degree or master's degree: a single value of 0.25 points will be assigned for obtaining any of these awards.
- 1.4. Scientific publication related to the contract objective (up to a maximum of 1.70 points):
 - 1.4.1. for each publication in the journal listed in the Citation Index, or, in the case of Social Sciences and Humanities, in a journal deemed equivalent by the research committee: 0.5 points
 - 1.4.2. for each publication in scientific journals not listed in the previous point: 0.25 points
 - 1.4.3. for each participation with a paper, presentation or poster in congresses or other national or international scientific gatherings: 0.05 points

2. Other preferred merits related to the contract objective (up to a maximum of 3 points).

2.1. Experience in exfoliation of 2D materials in solution and their covalent functionalisation.

2.2. Experience in handling scientific equipment such as Atomic Force Microscopy, RAMAN and XPS interpretation.

The committee may agree to conduct an interview in order to better determine the value of the preferred merits.

ANNEX III

Selection committee

Chair: Eugenio Coronado Miralles, professor in the Departament de Química Inorgànica.

Member 1: Miguel Clemente León, professor in the Departament de Química Inorgànica.

Member 2: Sacramento Ferrer Llusar, professor in the Departament de Química Inorgànica.

Member 3: Rossella Cecilia Mello Centonze, professor in the Departament de Química Orgànica.

Secretary: Carmen Molins Legua, professor in the Departament de Química Analítica.

Substitute Selection Committee

Chair: Enrique Ortí Guillén, professor in the Departament de Química Física.

Member 1: José Antonio Real Cabezos, professor in the Departament de Química Inorgànica.

Member 2: Miguel De La Guardia Cirugeda, professor in the Departament de Química Analítica.

Member 3: Laura Escuder Gilabert, professor in the Departament de Química Analítica.

Secretary: Aurora Seco Torrecillas, professor in the Departament d'Enginyeria Química.