



RESOLUTION 12th of May of 2023, of the University of Valencia, announcing the public offer of employment for different positions within this organisation with employment contracts under various research projects.

The Rector's Office of the University of Valencia, making use of the powers attributed to it by article 50, pertaining to article 3.2 of Organic Law 2/2023, of March 22, of the University System, resolves:

To open a call for the public offer of employment for different positions within this organisation with employment contracts under various research projects, as listed in the annexes of this resolution, in accordance with the following requirements:

One. General rules

1.1. The purpose of this offer is the selection of staff to fill various positions for research projects through the procurement system.

1.2 In accordance with the provisions of article 89 of Organic Law 2/2023, of March 22 of the University System, this selective process must meet that which is established by current legislation for the civil service of the Regional Government of Valencia, and by the labour regulations stipulated in the Workers' Statute and its modifications.

The specific university regulations included in the Organic Law of the University System, the Law of Science and the Statutes of the University of Valencia, as well as in the regulations of this call, will also apply.

1.3. The selection processes for each call will be carried out through a competition that will consist of the assessment of merits and, where appropriate, an interview.

1.4. The allocation of positions to applicants who pass these selection processes will be carried out according the order of points obtained, provided that they meet the requirements for each job position in the annex of each call.

1.5. This call will be published in the Official Gazette of the Regional Government of Valencia (DOGV), on the official notice board of the University of Valencia, for which the website <https://webges.uv.es/uvTaeWeb/VerTablonFrontAction.do?filtro=tipo&valor=48&filtrar&grupoNavegacion=0&servicioNavegacion=-1>, and on the website of the Human Resources Service (Administrative and Services Staff (PAS)), PAS Research section: <http://www.uv.es/pasinvest>.

Publication in the DOGV will be taken as a reference for the purposes of calculating the deadlines for the submission of applications.

The other publications that derive from the events that form the selection process will be published on the official notice board and on the website of the Human Resources Service (PAS), research section.

Two. General requirements for applicants

Applicants must meet the following requirements to be admitted:

2.1. Hold Spanish nationality, nationality of a member country or be from any of the states in which, by virtue of international treaties established by the European Union and ratified by Spain, free movement of workers applies in the terms by which this legislation is defined in



the Treaty of the European Union. In this event, it is necessary to submit proof of having applied for an EU residence card.

Likewise, applicants of nationalities other than those mentioned above may apply and will only need to meet the requirements established in current regulations. Those applicants who are allocated positions offered must provide proof of at least their work and residence permit at the time of hiring.

2.2. Be at least 16 years old on the day when the application submission period closes.

2.3. Hold one of the academic qualifications that appear in the annex corresponding to the call applied to, or be in a position to obtain the corresponding qualification on the date when the application submission period closes.

In the event that qualifications have been obtained abroad, it is necessary to be in possession of documents showing official recognition or declaration of equivalence in Spain, and a photocopy of the same must be attached to the application.

When qualifications have not been officially recognised or declared as equivalent, this requirement may be replaced by proof of having started the process for recognition or declaration of equivalence. The contract will be terminated if the competent academic authority denies recognition, understanding an application to be denied when it is conditioned to the fulfilment of certain requirements which have not been met.

2.4. When a language level is required, the UV Equivalence Table for L2 certification, approved by Agreement of the Governing Council of July 10, 2018 (ACGUV 156/2018) will be used for its evaluation. Language courses will not be evaluated, only the levels attained.

2.5. Not suffer from illness or be affected by physical or mental limitations that are incompatible with the exercise of the respective functions.

2.6. Not be suspended from exercising public functions, or have been dismissed from any administrative or public work through disciplinary proceedings. In the case of applicants who are not of Spanish nationality, they must also prove that they are not subject to any disciplinary action or criminal conviction that prevents them from accessing the civil service. Failing this, a copy of an application for issuance must be provided, without prejudice to the sworn statement of the interested persons.

All these requirements must be met at the end of the application submission period and maintained during the selection process.

Applicants are responsible for the veracity of all the information stated on their application and in the documentation provided, and may be liable in the event of falsehood, without prejudice to their exclusion from the selection process where relevant.

Three. Applications

3.1. Interested persons must meet the requirements indicated in the annex corresponding to the call applied to. Applicants must compulsorily submit their applications, together with their CVs and documents to show their alleged merits through the electronic application form that the University will make available to them and for which the link (url) will be published on the PAS Research Section website, <http://www.uv.es/pasinvest>, from the day when this resolution is published in the DOGV.

To fill out the application form, the University has a guide available to interested persons that can be accessed at the following link: https://links.uv.es/eadmin/ticketing_es.



Anyone who has difficulties with carrying out the electronic procedure can access the University of Valencia ICT support tool via the following email address: entreu@uv.es. For any other questions about the details of this call, please contact the team at the Research Management section of the PAS Human Resources Service, by sending an email to: convopi@uv.es

3.2. The application submission period will close 10 business days from the next business day following the publication of this resolution in the Official Gazette of the Regional Government of Valencia (DOGV).

Four. Documentation to be attached electronically

Several documents must be attached to the electronic form, preferably in PDF format. The said documentation must be inserted in the tabs and space allocated to it. As follows:

4.1. The PDF document of academic qualifications or the receipt of issuance fees will be inserted in the fourth tab. In the case of foreign qualifications, it will be necessary to show proof of the relevant recognition or equivalence, or have initiated procedures for the same.

Other PDF documents that show any other requirements necessary for the call will also be inserted in this tab.

4.2. The PDF document of the National Identity Document (DNI), Passport or Foreigners' Identification Number (NIE) will be inserted in the fifth tab. These last two documents are only required if the applicant does not hold Spanish nationality.

4.3. The CV will also be inserted in the fifth tab as a PDF document or ZIP, through the model set out at the following link: <http://go.uv.es/F3LCmfj>

It will not be necessary for the attached documents to be duly certified. At this point in the procedure, the sworn statement of the interested person on the authenticity of everything stated in the application and the attached documents will be sufficient, without prejudice to the fact that the committee or University may require applicants to prove the veracity of the circumstances and documents provided, and assessed, at any time.

Five. Selection system

5.1. The selection process will be formed of a competition that will consist of the evaluation committee's assessment of the applicants' curricular merits, and, where appropriate, conducting an interview.

Merits will be evaluated in accordance with the scale that appears in the annex corresponding to the call applied to. Merits for which proof has not been provided within the application submission period will not be taken into account in the resolution of the contest.

5.2. The committee may, if deemed appropriate, conduct an interview with the applicants. The number of applicants who pass to the interview phase will be determined by the criteria of the evaluation committee.

5.3. Once the selection process has ended, applicant scores will be published and proposals for hiring and creating the pool will be carried out through the University of Valencia notice board and on the website <http://www.uv.es/pasinvest>

5.4. The allocation of positions called will be carried out by resolution of the management, and will also be published on the notice board and the website mentioned in point 5.3. of this regulation.

5.5. The evaluation committee may declare the selection procedure void in the event that, after assessing the merits and, where appropriate, conducting interviews, the profiles of the



candidates with the best scores do not fully meet the profile of the position and the needs of the project.

5.6. The job pools that derive from these selection processes will remain in force for the duration of the research project for which they were called. Calls to applicants will be made according to the order of the pool.

Six. Evaluation Committee

6.1. The evaluation committee is that which appears in the annex corresponding to each call.

6.2. The provisions of the Agreement of the Governing Council of the University of Valencia (ACGUV/303/2021) which approves the Roadmap on public integrity measures, prevention and fight against fraud, corruption and conflicts of interest will apply to the members of this committee.

To this end, they must complete the relevant declaration of absence of conflict of interest (DACI), which will be attached to the committee's certificate of incorporation, and form part of the administrative file. There will be a model standardised by the University on the following website: <https://links.uv.es/GOo6oAT>

6.3. The committee will clarify all doubts that may arise in the application of these rules and everything that must be done in unforeseen cases.

6.4. The committee's procedure for action will meet the provisions of Law 40/2015, of 1 October, on the Legal Regime of the Public Sector at all times.

6.5. For communications and any problems that may arise, the evaluation committee's office will be located in the place indicated in the annex corresponding to the call applied to.

Seven. Hiring

7.1. Once the selection processes of this call have been completed, the contracts will be formalised in writing and the most appropriate contractual arrangements from those in force at the time of this formalisation will be used for the purpose of the same.

7.2. The start date will be set out in the proposed contract, depending on the needs of the projects and provided that it is administratively feasible.

7.3. Contracts may be terminated for any of the causes provided for in the Workers' Statute or in other applicable legislation, in addition to those stated in the contract itself. Among these, the following will be established:

7.3.1. Completion or exhaustion of the budget appropriation.

7.3.2. Completion of the tasks assigned to the employee's position within the project.

7.3.3. Project Completion.

Eight. Information on collected data

8.1. The University of Valencia is the entity responsible for the data provided by applicants for this selection process. The information received will be exclusively processed for the purposes of the call in addition to subsequent staff management, where appropriate, in accordance with the provisions of existing data protection regulations.

Part of the data may be published on the Official Notice Board of the University of Valencia and on the website of the Research Management Section. In addition, data will also be transferred to the members of the evaluation committee for the assessment of merits and, where relevant, the resolution of complaints made.



8.2. Those who wish to access the selection process file and consult the data of other applicants must previously request access from the Evaluation Committee or the HR Service (PAS), PAS-Invest Section.

In the abovementioned request they commit to keeping the duty of confidentiality of the data and using the appropriate discretion, only being able to use the data for the purpose of raising a possible complaint or allegation.

The use or disclosure of this data other than in the cases mentioned above may imply liability in accordance with current legislation.

8.3. For more information on data processing, please consult the following link: <http://go.uv.es/88bqyH6>

Nine. 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.

Ten. Appeals

An optional appeal for reconsideration may be filed against this resolution, which exhausts administrative remedies, before the same body that issued the resolution within a period of one month from the day following its notification or publication. A contentious-administrative appeal may be filed before the bodies of the contentious-administrative jurisdiction of the Valencian Community within a period of two months from the day following its notification.

The appeal provided for in Law 39/2015, of October 1, of the Common Administrative Procedure of Public Administrations may be filed against the actions of the evaluation committee.

Likewise, the administration, if appropriate, may review the resolutions of the court in accordance with the aforementioned regulation.

València, 12th of May of 2023. The rector, by delegation (DOGV 30/05/2022), the manager: Juan Vicente Climent Espí.



ANNEX I

Project: «Estabilidad estructural de fases carbonato de sistemas ternarios MO-CO₂-H₂O (M=Mg,Ca) bajo distintas condiciones termodinámicas. (CIGRIS/2022/202), CPI-23-272». Grants from the Santiago Grisolia Program, aid called by Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community.

Public offer of employment for a researcher in training position.

1. General conditions of the position offered

1.1. Job title and classification:

Researcher in training.

Group: A.

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant: According to what is established in section One, 4, of annex III, of the Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community (DOGV 9449 / 10.14.2022).

1.4. Functions and tasks to be carried out:

- Performing high pressure and high temperature experiments together with in situ and ex situ characterization of samples.
- Carrying out experiments in large synchrotron radiation facilities.
- Analysing the obtained experimental results.
- Preparation of scientific publications and presentations at national and international congresses and meetings.

1.5. Purpose and duration: study of the structural stability of carbonates at high pressures and temperatures.

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

1.6. Requirements

a) Possession of a university degree, graduate, architect, technical architect, engineer, technical engineer or diploma in: Physics, or in Materials Science, or in Chemistry, or the equivalent in their country, issued by a university or institution not belonging to the European Union, in the scientific field that corresponds to the research project to which the contract will be linked, and have completed said studies after January 1, 2018.

b) Be admitted to a doctoral program in Physics, at the University of Valencia at the time of hiring.

c) Knowledge of Spanish, Valencian or English, at a conversation level, adequate for the development of the research work.

d) Not be in possession of the title of doctor.

e) Not having received a scholarship or aid from the Santiago Grisolia Program.

2. Scale



2.1. Preferred merits.

2.1.1. 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.

2.1.2. Collaboration grant from the Ministry of Education: 0.05 points.

2.1.3. Special award for outstanding student in the diplomatura (former Spanish 3-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.

2.1.4. Scientific publication related to the contract objective (up to a maximum of 1.70 points):

2.1.4.1. 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

2.1.4.2. For each publication in scientific journals not listed in the previous point: 0.25 points

2.1.4.3. For each participation with a paper, presentation or poster in congresses or other national or international scientific gatherings: 0.05 points

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

- Initiation to experimental techniques (diffraction, spectrometry, microscopy, etc.).
- Basics of crystallochemistry.
- Dissemination activities.
- Scientific publications.

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

3. Evaluation committee members

President: Juan Pascual Martinez Pastor, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 1: David Santamaria Perez, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: M. Victoria Castillo Giménez, professor at the Departament de Física Atòmica, Molecular i Nuclear.

Secretary: M^a Carmen Martinez Tomas, professor at the Departament de Física Aplicada i Electromagnetisme.

4. Alternate evaluation committee

President: M. Sonia Murcia Mascaros, professor at the Departament de Química Inorgànica.

Member 1: M^a Jesus Hernandez Lucas, professor at the Departament Física de la Terra i Termodinàmica.



VNIVERSITAT ID VALÈNCIA

Member 2: Francisco Javier García Haro, professor at the Departament de Física de la Terra i Termodinàmica.

Member 3: Gabriela Barenboim Szuchman, professor at the Departament de Física Teòrica.

Secretary: Domingo Martinez Garcia, professor at the Departament de Física Aplicada i Electromagnetisme.

For communications and any problems that may arise, the evaluation committee will be based at the Institut Universitari de Ciència dels Materials (ICMUV), of the University of Valencia.

ANNEX II

Project: «Isolated and Binary Black Holes in Gaseous Magnetized Disks. (CIGRIS/2022/126), CPI-23-280». Grants from the Santiago Grisolia Program, aid called by Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community.

Public offer of employment for a researcher in training position.

1. General conditions of the position offered

1.1. Job title and classification:

Researcher in training.

Group: A.

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant: According to what is established in section One, 4, of annex III, of the Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community (DOGV 9449 / 10.14.2022).

1.4. Functions and tasks to be carried out:

Research on Isolated and Binary Black Holes in Gaseous Magnetized Disks.

1.5. Purpose and duration: research in the field of relativistic astrophysics.

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

1.6. Requirements

a) Possession of a university degree, graduate, architect, technical architect, engineer, technical engineer or diploma in: Physics, or the equivalent in their country, issued by a university or institution not belonging to the European Union, in the scientific field that corresponds to the research project to which the contract will be linked, and have completed said studies after January 1, 2018.

b) Be admitted to a doctoral program at the University of Valencia at the time of hiring.

c) Knowledge of Spanish, Valencian or English, at a conversation level, adequate for the development of the research work.



- d) Not be in possession of the title of doctor.
- e) Not having received a scholarship or aid from the Santiago Grisolía Program.

2. Scale

2.1. Preferred merits.

2.1.1. 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.

2.1.2. Collaboration grant from the Ministry of Education: 0.05 points.

2.1.3. Special award for outstanding student in the diplomatura (former Spanish 3-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.

2.1.4. Scientific publication related to the contract objective (up to a maximum of 1.70 points):

2.1.4.1. 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

2.1.4.2. For each publication in scientific journals not listed in the previous point: 0.25 points

2.1.4.3. For each participation with a paper, presentation or poster in congresses or other national or international scientific gatherings: 0.05 points

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

Experience in:

- Computational relativistic astrophysics and/or numerical relativity.
- Numerical solutions of differential equations using C/C++ or Fortran.
- Magnetohydrodynamics and/or equations of state for neutron stars.

Master in Physics, Astronomy and Astrophysics, or equivalent qualification.

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

3. Evaluation committee members

President: Vicente Quilis Quilis, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Pablo Cerda Duran, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: Isabel Cordero Carrion, professor at the Departament de Matemàtiques

Secretary: Susana Planelles Mira, professor at the Departament d'Astronomia i Astrofísica.

4. Alternate evaluation committee

President: Jose Antonio Font Roda, professor at the Departament d'Astronomia i Astrofísica.



VNIVERSITAT ID VALÈNCIA

Member 1: Jose Maria Marti Puig, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Francisco Javier García Haro, professor at the Departament de Física de la Terra i Termodinàmica.

Member 3: Gabriela Alejandra Barenboim Szuchman, professor at the Departament de Física Teòrica.

Secretary: M. Victoria Castillo Gimenez, professor at the Departament de Física Atòmica, Molecular i Nuclear

For communications and any problems that may arise, the evaluation committee will be based at the Departament d'Astronomia i Astrofísica, de la Facultat de Física, of the University of Valencia.

ANNEX III

Project: «Exotic Compact Objects: from numerical relativity simulations to gravitational-wave searches. (CIGRIS/2022/164), CPI-23-281». Grants from the Santiago Grisolia Program, aid called by Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community.

Public offer of employment for a researcher in training position.

1. General conditions of the position offered

1.1. Job title and classification:

Researcher in training.

Group: A.

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant: According to what is established in section One, 4, of annex III, of the Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community (DOGV 9449 / 10.14.2022).

1.4. Functions and tasks to be carried out:

- Construct new families of exotic compact objects, both isolated and in binary systems. Examples include rotating mixed fermion-boson stars, l-Proca stars, multi-field Proca stars, Proca stars in F(R) gravity, and bosonic stars with self-interactions.

- Perform numerical-relativity simulations of the new families of exotic compact objects to assess their stability.

- Build gravitational waveforms with the new solutions.

- Perform gravitational-wave searches from bosonic stars.

1.5. Purpose and duration: to carry out a doctoral thesis investigating on exotic compact objects.



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

1.6. Requirements

a) Possession of a university degree, graduate, architect, technical architect, engineer, technical engineer or diploma in: Physics, or the equivalent in their country, issued by a university or institution not belonging to the European Union, in the scientific field that corresponds to the research project to which the contract will be linked, and have completed said studies after January 1, 2018.

b) Be admitted to a doctoral program at the University of Valencia at the time of hiring.

c) Knowledge of Spanish, Valencian or English, at a conversation level, adequate for the development of the research work.

d) Not be in possession of the title of doctor.

e) Not having received a scholarship or aid from the Santiago Grisolía Program.

2. Scale

2.1. Preferred merits.

2.1.1. 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.

2.1.2. Collaboration grant from the Ministry of Education: 0.05 points.

2.1.3. Special award for outstanding student in the diplomatura (former Spanish 3-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.

2.1.4. Scientific publication related to the contract objective (up to a maximum of 1.70 points):

2.1.4.1. 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

2.1.4.2. For each publication in scientific journals not listed in the previous point: 0.25 points

2.1.4.3. For each participation with a paper, presentation or poster in congresses or other national or international scientific gatherings: 0.05 points

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

- Knowledge or experience in relativistic astrophysics and/or numerical relativity.

- Experience in solving numerically differential equations using programming languages such as Python, Fortran or C/C++.

- Knowledge about astrophysical compact objects, such as neutron stars, black holes and, in particular, exotic compact objects (such as boson stars).

- Master's Degree in Physics, Astrophysics, or equivalent qualification.

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

3. Evaluation committee members



VNIVERSITAT ID VALÈNCIA

President: Vicente Quilis Quilis, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Jose Antonio Font Roda, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Vicente Muñoz Sanjose, professor at the Departament de Física Aplicada i Electromagnetisme.

Member 3: Isabel Cordero Carrion, professor at the Departament de Matemàtiques

Secretary: Susana Planelles Mira, professor at the Departament d'Astronomia i Astrofísica.

4. Alternate evaluation committee

President: Pablo Cerda Duran, professor at the Departament d'Astronomia i Astrofísica.

Member 1: Jose Maria Marti Puig, professor at the Departament d'Astronomia i Astrofísica.

Member 2: Francisco Javier García Haro, professor at the Departament de Física de la Terra i Termodinàmica.

Member 3: Gabriela Alejandra Barenboim Szuchman, professor at the Departament de Física Teòrica.

Secretary: M. Victoria Castillo Gimenez, professor at the Departament de Física Atòmica, Molecular i Nuclear.

For communications and any problems that may arise, the evaluation committee will be based at the Departament d'Astronomia i Astrofísica, de la Facultat de Física, of the University of Valencia.

ANNEX IV

Project: «Estilo de vida, ómicas y autofagia para un cerebro sano en un cuerpo sano y un envejecimiento saludable: analisis observacionales y de intervención en población mediterránea. (CIGRIS/2022/082), CPI-23-278», Grants from the Santiago Grisolia Program, aid called by Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of scientific research, technological development and innovation in the Valencian Community.

Public offer of employment for a researcher in training position.

1. General conditions of the position offered

1.1. Job title and classification:

Researcher in training.

Group: A.

Subgroup: A1.

1.2. Working hours: 35 hours per week.

1.3. Provision of the grant: According to what is established in section One, 4, of annex III, of the Resolution of October 6, 2022, of the Ministry of Innovation, Universities, Science and Digital Society, for the year 2023, within the Program for the promotion of



scientific research, technological development and innovation in the Valencian Community (DOGV 9449 / 10.14.2022).

1.4. Functions and tasks to be carried out:

- Epidemiological and laboratory research to study the multi-omic modulation and influence of diet, autophagy and other lifestyle variables on cardiometabolic and neurocognitive profiles in selected individuals.

- Recruitment of participants, administration of questionnaires and performance of measurements related to the project.

- Management of biological samples, isolation of nucleic acids, quality control, genotyping by different methods, gene expression studies, epigenomic studies, metabolomic and metagenomic studies.

- Nutritional and lifestyle interventions.

- Statistical analysis.

- Scientific papers and diffusion in different media.

- Doctoral Thesis.

- Collaboration with a multidisciplinary research team.

1.5. Purpose and duration: research in omics and cardiometabolic and cognitive precision nutrition for PhD and post.

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

1.6. Requirements

a) Possession of a university degree, graduate, architect, technical architect, engineer, technical engineer or diploma in: Nutrition / Dietetics, or the equivalent in their country, issued by a university or institution not belonging to the European Union, in the scientific field that corresponds to the research project to which the contract will be linked, and have completed said studies after January 1, 2018.

b) Be admitted to a doctoral program at the University of Valencia at the time of hiring.

c) Knowledge of Spanish, Valencian or English, at a conversation level, adequate for the development of the research work.

d) Not be in possession of the title of doctor.

e) Not having received a scholarship or aid from the Santiago Grisolíá Program.

2. Scale

2.1. Preferred merits.

2.1.1. 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.

2.1.2. Collaboration grant from the Ministry of Education: 0.05 points.

2.1.3. Special award for outstanding student in the diplomatura (former Spanish 3-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.

2.1.4. Scientific publication related to the contract objective (up to a maximum of 1.70 points):



2.1.4.1. 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

2.1.4.2. For each publication in scientific journals not listed in the previous point: 0.25 points

2.1.4.3. For each participation with a paper, presentation or poster in congresses or other national or international scientific gatherings: 0.05 points

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

- Master in Physiology, or equivalent qualification.
- Admission to the Doctorate of Medicine program.
- Knowledge of nutrition, dietetics, lifestyle, healthy aging. Knowledge of genetic and environmental risk factors for cardiometabolic and cognitive diseases.
- Experience as a dietitian nutritionist in a clinical setting and in epidemiological research studies.
- Experience in intervention studies with Mediterranean diet and physical activity.
- Knowledge and experience in omics applied to nutrition: nutrigenetics, nutrigenomics, and precision nutrition.
- Experience in recruiting participants, and conducting questionnaires and measurements related to cardiometabolic and cognitive risk factors.
- Experience in managing aliquots of biological samples, DNA and RNA extraction, quality control, genotyping, gene expression analysis, epigenomic methylation analysis, ELISAS performance, autophagy determinations.
- Knowledge and experience in statistical analysis in nutritional genomic epidemiology, GWAS, EWAS, TWAS and candidate genes with integration of the gender perspective and sustainability.

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

3. Evaluation committee members

President: Juan Carlos Molto Cortes, professor at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 1: Maria Dolores Corella Piquer, professora at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 2: Houda Berrada Ramdani, professora at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 3: Amparo Asuncion Alegria Toran, professora at the Departament Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Secretary: Jesus Blesa Jarque, professor at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

4. Alternate evaluation committee

President: Olga Carmen Portoles Reparaz, professora del Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Member 1: Jose Vicente Sorli Guerola, professor del Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.



VNIVERSITAT ID VALÈNCIA

Member 2: Ana Polache Vengut, professora del Departament de Farmacia i Tecnologia Farmacèutica i Parasitologia.

Member 3: Emilia Ferrer Garcia, professora del Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal.

Secretary: Jose Tomas Real Collado, professor del Departament de Medicina.

For communications and any problems that may arise, the evaluation committee will be based at the Departament de Medicina Preventiva i Salut Pública, Ciències de l'Alimentació, Toxicologia i Medicina Legal, of the University of Valencia.