

 <b>PRINCIPE FELIPE</b> CENTRO DE INVESTIGACION	<b>FORMULARIO</b>	<b>D100-P-02-F-01</b>
	<b>JOB OFFER</b>	
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**Reference:** R2.I.03/2021

**Position title:** Researcher R2.I

**Group:** Laboratory of Neurobiology

**Job description (function and tasks):**

- Performance and evaluation of psychometric tests in patients and controls
- Evaluation of computerized memory tests in patients and controls
- Performance and evaluation of behavioral tests in rats
- Manipulation of rats samples (blood, cerebral areas, cells...)
- Serum and plasma isolation from human blood samples
- Isolation of peripheral mononuclear cells (PBMCs) from human blood. Red blood cells isolation and purification
- Isolation of TCD4+ lymphocytes from peripheral mononuclear ccells
- Measurement of nitric oxide metabolites
- Cell culture (PBMCs and TCD4+ lymphocytes)
- Cell treatment with drugs and IC50 establishment
- Study with exosomes (isolation, treatment...)
- Determination of interleukins.
- Protein analysis by Western blot, immunoprecipitation...
- Use of HPLC: determination of amino acids and neurotransmitters, short chain fatty acids, kinurenyne pathway, and other metabolites related with microbiote
- Determination of ammonium levels in blood.
- Study of the immunophenotype in blood cells
- Flow cytometry
- Molecular techniques (western blot, PCR, MSP, BSP, secuention...)
- Immunohistochemical techniques
- Experience in mass spectrophotometry
- Use of the SPSS program: data analysis, correlations, ANOVA, ANCOVA, logistic regressions, sensitivity and specificity analysis, ROC curves...

**Research Center description:**

The Prince Felipe Research Centre, CIPF, was created to develop first-rate, competitive and internationally relevant research in the fields of Neurobiology, Advanced Therapies, Rare & Genetic Diseases, Molecular Mechanisms of Disease and Computational Genomics. The research centre, located in Valencia, occupies an area of 32,000 m<sup>2</sup> and it is equipped with the most advanced infrastructures, facilities and technological equipment.

**Basic requirements of the position:**

- Required qualification: The candidate must have a PhD in Biological Sciences, Pharmacy or similar.
- Experience working in research laboratories, minimum 5 years

- High level of English both spoken and written

### **Experience required:**

Experience in the following methodologies / techniques:

- Performance and evaluation of psychometric tests in patients and controls
- Evaluation of computerized memory tests in patients and controls
- Performance and evaluation of behavioral tests in rats
- Manipulation of rats samples (blood, cerebral areas, cells...)
- Serum and plasma isolation from human blood samples
- Isolation of peripheral mononuclear cells (PBMCs) from human blood. Red blood cells isolation and purification
- Isolation of TCD4+ lymphocytes from peripheral mononuclear cells
- Measurement of nitric oxide metabolites
- Cell culture (PBMCs and TCD4+ lymphocytes)
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- Determination of ammonium levels in blood.
- Study with exosomes (isolation, treatment...)
- Study of the immunophenotype in blood cells
- Flow cytometry
- Molecular techniques (western blot, PCR, MSP, BSP,secuentiation...)
- Immunohistochemical techniques
- Experience in mass spectrophotometry
- Use of the SPSS program: data analysis, correlations, ANOVA, ANCOVA, logistic regressions, sensitivity and specificity analysis, ROC curves...
- Redaction of scientific publications

### **Merits:**

1. Training
  - 1.1. Academic Qualifications : Ph.D. in the required degree
  - 1.2. Complementary Training : High level of spoken and written English
2. Experience in research laboratories in the area of hepatic encephalopathy, minimum 5 years.
3. Knowledge of peripheral inflammation, neuroinflammation, microbiome in patients and rat models of cognitive impairment in hepatic failure
4. Experience in the techniques described in experience required
5. Other experience:
  - Scientific publications in the area of hepatic encephalopathy
  - Participation in congresses in the area of hepatic encephalopathy
  - Course for the homologation of the user of experimental animals, category C.
  - Be communicative, assertive and skilled to work in a multidisciplinary team.
  - Experience in supervising doctoral theses and master students

### **Valuation criteria:**

1. Training - 15%
  - a. Academic Qualifications - 5%
  - b. Complementary Training - 10%

2. Experience in research laboratories in the area of hepatic encephalopathy - 25%
3. Knowledge of peripheral inflammation, neuroinflammation, microbiome in patients and rat models of cognitive impairment in hepatic failure - 25%
4. Experience in the techniques described in experience required – 25%
5. Other merits. Scientific publications in the area of hepatic encephalopathy  
Participation in congresses in the area of hepatic encephalopathy  
Course for the homologation of the user of experimental animals, category C.  
Be communicative, assertive and skilled to work in a multidisciplinary team.  
Experience in supervising doctoral theses and master students– 10%

### **Contract**

- Professional category: Researcher R2.I
- Salary Level: (Salary level as stipulated in the Convenio de Sanidad Privada de la Provincia de Valencia)
- Funding Source/Project: Laboratory of Neurobiology
- Duration: 8 months
- Starting date: January 1<sup>st</sup>, 2022
- Working day: complete
- The deadline for receipt of resumes will be open until November 25, 2021

### **Selection process:**

The system will consist in the following phases:

- 1) Phase of compliance with the requirements established in the call. Only candidates with the essential requirements will be considered.
- 2) Merit valuation phase.
- 3) Interview phase (The 3 candidates with the highest score in the merit phase will go to the interview phase)

The selected candidates will go to the interview phase.

### **Working conditions:**

The CIPF promotes equal treatment and opportunities between women and men, which should be considered a fundamental aspect of the CIPF's labor relations and human resources management.

The CIPF is committed to reconcile a work and family life of its employees and are offering the possibility to benefit from flexible working hours.

The CIPF is committed to complying with the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers (EU Charter & Code) by developing its human resources strategy for researchers (HRS4R) and through its open, transparent, and merit-based recruitment policy (OTM-R).



HR EXCELLENCE IN RESEARCH

## **How to present your candidacy?**

Interested candidates should send their CV, cover letter and references only by email to the following address: [selection@cipf.es](mailto:selection@cipf.es).

The CV should remove all personal references: gender, age, marital status, nationality and should not include a photograph.

Please indicate the offer reference number in the subject field. If you have any questions about this offer, please contact the Human Resources Department by email to: [recursoshumanos@cipf.es](mailto:recursoshumanos@cipf.es)

## **Basic and detailed information on the processing of personal data**

**Personal data controller:** The data subject is informed that the VALENCIAN COMMUNITY FOUNDATION PRÍNCIPE FELIPE RESEARCH CENTER (hereinafter CIPF), with address at C / D 'Eduardo Primo Yúfera, number 3, 46012 Valencia, contact telephone number 963 289 680 and contact email address [info@cipf.es](mailto:info@cipf.es) is the responsible for the treatment of the data that you communicate to us in relation to this offer.

**Users and data subjects may contact the data protection officer at the following email address:** [privacy@cipf.es](mailto:privacy@cipf.es)

**Legal basis and purposes for processing and storing your personal data:** With legal basis in the consent that you grant us with the voluntary communication (i) of personal data; (ii) of those required in this offer as well as in your curriculum vitae and; (iii) where appropriate, from the information provided through the interviews and tests, all the data will be processed in order to store them in the CIPF employment exchange and contact the interested person to send the corresponding communications in the selection process opened through this offer. All personal data will be treated as one more element to be evaluated for decision-making related to the selection for the job, without any decision being made based solely on the automated processing of the data. Likewise, once the selection process for the position offered is completed, except for the exercise of the right of opposition by the interested person, all the personal data indicated will be processed by the CIPF, with legal basis in the legitimate interest of the CIPF, to store them in their employment exchange and have a network of contacts for science and research, in order to contact the person concerned about offers, selection processes and recruitment of personnel that may arise in the future.

**Recipients of the data:** Personal data will not be communicated to third parties, except legal obligation.

**Personal data processors:** Third parties in charge of the treatment may process the data of the interested person to provide services to the CIPF, following the instructions of the aforementioned Center, after signing a contract for the treatment with sufficient guarantees of security and confidentiality.

**International transfers:** They do not exist.

**Data conservation period:** The data will be kept by CIPF until the deadlines provided in the current regulations are completed, it is for the attention of possible responsibilities and legal obligations.

**Exercise of rights regarding the processing of your personal data:** The data subject can exercise his/her rights to request access, rectification, deletion, opposition, limitation to treatment, portability and not be subject to a decision based solely on the automated processing of personal data. In particular, the data subject can exercise his/her right to object to the processing of their personal data based on the legitimate interest of the CIPF. You also have the right to withdraw consent at any time, without affecting the legality of the treatment based on the consent prior to its withdrawal. For the exercise of these rights, the data subject can send a request to CIPF indicating the right they exercise and providing a double-sided photocopy of their ID or legal identification document of their identity, to any of the following addresses:

**Postal:** C / D 'Eduardo Primo Yúfera, number 3, 46012 Valencia Email: [info@cipf.es](mailto:info@cipf.es)

Likewise, the data subject is informed of the right to request the tutelage of the Spanish Agency for Data Protection C / Jorge Juan, 6, 28001 Madrid, 901100099 - 912663517 ([www.agpd.es](http://www.agpd.es)) in particular, when you consider that the data have not been obtained in satisfaction of your rights.

Prior to filing that request, you can contact CIPF through the data protection officer [privacy@cipf.es](mailto:privacy@cipf.es).