

 <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.01/2019

**Position title:** Postdoctoral Researcher R2.I

**Group:** I-36

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

The superiority of one of our polypeptide transport systems has already been demonstrated in the laboratory with preliminary data highlighting the potential of our technology for applications in breast cancer, brain cancer / metastasis, Alzheimer's disease and kidney diseases. In this project, this platform will be chemically modified to improve its pharmacological aspects as non-viral vectors with specific organotropism.

The specific tasks for the postdoctoral researcher will focus on the modification of this polypeptide platform and the exhaustive characterization through validated methods. The applicant will also contribute to the study and analysis of pharmacological response.

**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 degree: Candidates must have studies in some branch related to Biomedicine or materials science
- Good level of both spoken and written English.
- Postdoctoral experience in the field of drug transport systems, Polymer Therapeutics nanomedicine or materials science.
- Knowledge of organic synthesis, bioconjugation techniques and polymerization techniques.

**Merits:**

1. Training:
  - 1.1- Doctorate in chemistry, pharmacy or materials science
  - 1.2- High level of both spoken and written English.
2. Experience in conjugation chemistry applied to the design of polymer-drug, polymer-protein, antibody-drug conjugates.
3. Knowledge in physicochemical characterization techniques of macromolecules and / or polymer systems including conformational studies.
4. Experience in non-viral vectors will be valued
5. Experience in polymerization techniques will be valued

### **Valuation criteria:**

1. Training - 15%
  - 1.1. 5% academic degree
  - 1.2. Complementary Training 10%
2. Experience in conjugation chemistry. -25%
3. Knowledge of characterization techniques - 25%
4. Experience in non-viral vectors. - 25%
5. Other Merits - 10%

### **Contract**

- Professional category: R2.I
- Salary Level: (Salary level as stipulated in the Convenio de Sanidad Privada de la Provincia de Valencia)
- Funding Source/Project: Lab project
- Duration: 5 months
- Starting date: 1st February 2020
- Working day: Full
- The deadline for receipt of resumes will be open until 28th January 2020

### **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.

### **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).

In order to comply with Law 15 /1999 of December 13, for The Protection of Personal Data, we inform you that the personal data contained in your resume will be included in a personal data file owned by the Foundation Prince Felipe Research Centre, CIPF, to enable you to participate in our recruitment process, and if appropriate, it may be used for processing appropriate aid, grants and funding to enable this recruitment.

By submitting your resume, you agree to your personal data to be treated in the commented terms, allowing CIPF to share this data with other public and private institutions with the exclusive aim of applying for grants for the financial funding of this institution and its research projects linked to your data.

You may exercise your rights of access , rectification, cancellation and opposition by writing to CIPF, Calle Eduardo Primo Yúfera , 3, CP 46012 Valencia and attaching your ID.

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)