

 <b>PRINCIPE FELIPE</b> CENTRO DE INVESTIGACION	<b>FORMULARIO</b>	<b>D100-P-02-F-01</b>
<b>JOB OFFER</b>		
Nº edición: 01	Página 1 de 3	

**Reference:** R2.II.04/2020

**Position title:** Postdoctoral researcher R2.II

**Group:** Oncogenic Signaling Laboratory

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

The oncogenic signaling laboratory ( <http://www.cipf.es/en/senalizacion-oncogenica> ) offers a postdoctoral researcher position to work on a project related to the study of the regulation mechanisms of the Transforming Growth Factor beta (TGFβ) in the progression of breast and lung cancer. The project involves studies with cultures of tumoral cells and organoids, analysis of molecular, cellular, and biochemistry mechanisms of action. The postdoctoral researcher will also be involved in the design of experiments, writing and presentation of results in scientific manuscripts, as well as participating in conferences, meetings, etc. The functions of the selected candidate include the supervision of research staff associated with the project if it is necessary.

**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 center, 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: Candidates must have a bachelor's degree in Biomedicine or some branch related to Health Sciences and the degree of Doctor in Biomedicine or some branch related to Health Sciences At least two years of experience as postdoctoral researcher in the field of cellular and molecular biology of human pathologies.
- High level of English, written and spoken.

**Experience required:**

1. Possess at least two years of previous post-doctoral experience
2. Experience in basic research in the field of metabolic diseases and cancer
3. Experience in cellular, molecular and biochemical biology techniques (Western blot, purification and immunopurification of proteins, DNA and RNA, qPCR, DNA cloning techniques and site-directed mutagenesis, immunofluorescence, immunohistochemistry, flow cytometry, intracellular fractionation using sucrose density gradient, enzymatic reactions, etc.....)
4. Experience in tumor cell cultures and synchronization of cell growth
5. Experience in the field of protein homeostasis and methods to analyze protein synthesis and degradation

6. Experience in the analysis of the polysomal profile
7. Experience in transcriptomics and proteomics and bioinformatic analysis (basic level) of the obtained data.

#### **Valuable Merits:**

1. Training:
  - a. Doctorate.
  - b. High level of English both spoken and written.
2. Experience in metabolic diseases and cancer.
3. Experience in cellular and molecular biology and biochemistry techniques.
4. Experience in the field of protein homeostasis and polysomal profile analysis.
5. Other merits: experience in transcriptomics and proteomics and bioinformatic analysis (basic level) of the obtained data.

#### **Evaluation criteria:**

1. Training – (15%)
  - a. Academic qualification (5%)
  - b. Complementary Training (10%)
2. Experience in the field of metabolic diseases and cancer (25%)
3. Experience in molecular, cellular and biochemical biology techniques (25%)
4. Experience in the field of protein homeostasis and analysis of the polysomal profile (25%)
5. Other merits: experience in transcriptomics and proteomics and analysis of the obtained data by bioinformatics programs (basic level): (10%)

#### **Contract**

- Professional category: Researcher R2.II
- Salary Level: (Salary level as stipulated in the Convenio de Sanidad Privada de la Provincia de Valencia)
- Funding Source/Project: Health Research Projects, ISCIII ref.: PI20/194
- Duration: until 31<sup>st</sup> December 2021
- Starting date: 1<sup>st</sup> January 2021
- Working day: full time
- The deadline for receipt of resumes will be open until December 15<sup>th</sup>, 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)