Reference: C.I.III.10/2017

Position title: Postdoctoral researcher

Group: Cell Pathology

Job description (function and tasks):

Postdoctoral with experience to work as a member of the Cellular and Molecular Alcohol Pathology laboratory team whose objective is to study the molecular mechanisms of alcohol actions in the adult and developing brain. The candidate will join the group to address the objectives of basic and translational projects in collaboration with members of the Addictive Disorders Network, Carlos III Health Institute, as well as the search for biomarkers, including miRNAs, targets and treatments in Neuroinflammation. Which causes alcohol abuse, within the project SAF2015-69187R, PNSD, Ministry of Health. The methodology focuses on basic techniques of Biochemistry and Molecular Biology (eg, immunoblots, immunofluorescence, quantitative PCR, flow cytometry, RT-PCR, titration of miRNAs, massive sequencing, etc.) and Immunology (detection of cytokines and chemokines by RT-PCR and ELISAs).

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 m2 and it is equipped with the most advanced infrastructures, facilities and technological equipment.

Basic requirements of the position:

- Qualifications required: Candidates must have at least Degree in
- Required qualification: The candidate must possess the degree of Doctor of Health Sciences or Biotechnology.
- Experience in Molecular and Cellular Biology
- High level of English both spoken and written

Merits:

- Experience in Biochemical and Molecular and Cellular Biology techniques: Western blotting, differential centrifugation, isolation and extraction of RNA and DNA.
- Experience in the area of Neurobiology
- Expression of miRNAs in biological samples and analysis of results in sequencing
- ELISA, immunoprecipitation and immunoblot techniques.
- Experience in primary cultures of neural cells (neurons, astrocytes, microglia).
Scientific work in topics related to Neurobiology and Neuroimmunity System.
Demonstrated ability in the direction of Students.

Valuation Criteria:
1-Training - 15%
   1.1. Academic qualification 5%, Doctor in Biology, Biochemistry, Biotechnology or Pharmacy
   1.2. Complementary Training 10% (courses, stay in other laboratories, companies, etc.)
2. Experience demonstrated by publications in massive NGS sequencing techniques and micro arrays, miRNAs and gene expression, RT-PCR. (25%)
3. Experience demonstrated by publications in the preparation of primary cultures of neural cells (Astrocytes, microglia, neurons ..). (25%). Scientific publications
5. Other Merits - 10%, Informatica Knowledge (bioinformatics data, Office, Graph Pad Prism, Power Point, SPSS, Roche LC480)

Contract
- Professional category: Colaborador de investigación III
- Salary Level: (Salary level as stipulated in the Convenio de Sanidad Privada de la Provincia de Valencia)
- Funding Source/Project: CIPF
- Duration: 6 months with possibility of extension
- Starting date: January 15
- Working day: 30 hours/week
- The deadline for receipt of resumes will be open until, January 8th, 2018.

How to present your candidacy?
Interested candidates should send their CV, cover letter, references and supporting documentation of merits only by email to the following address: 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