Reference: P.I.01/2018

Position title: Researcher Staff

Group: Genomics of Gene Expression Lab

Job description (function and tasks):

The Genomics of Gene Expression lab is focused on computational biology and bioinformatics and among its researchers we find statisticians, biotechnologists, biologists and computer scientists. Among the several research lines that the group is involved in, the candidate will join the project: Functional Study of Alternative Expression of Isoforms.

The objective will be the development of bioinformatics methods for the analysis of the functional impact mediated by mechanisms of post-transcriptional regulation such as alternative splicing and alternative polyadenylation. In addition, the candidate will have an extensive RNA-seq dataset from second (Illumina) and third (PacBio) generation sequencing technologies in two cellular neurodifferentiation systems: oligodendrocyte and motor-neuron. Therefore, the main aim will be to understand the functional impact of post-transcriptional regulation in neuronal differentiation by using the methodologies and pipelines developed in the group.

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:

- Candidates must have:
  - A degree in statistics, mathematics, computing science, bioinformatics, biotechnology, engineering, or similar qualifications.
  - Msc in Bioinformatics
- A minimum degree mark of 7'5 puntos (Spanish system).
- High level of spoken and written English.

Experience required:

- Experience in R and Python programming languages and Linux systems.
- Experience in analysing data from second and third generation sequencing.

Merits:

- Knowledge of the molecular aspects of genome organization and post-transcriptional regulatory mechanisms.
- Good communicator, assertive and ability to work in a multidisciplinary team. Flexibility and planning.
- Statistical training.
- Published papers in indexed journals.

**Contract**

- Professional category: Researcher Staff
- Salary Level: (Salary level as stipulated in the Convenio de Sanidad Privada de la Provincia de Valencia)
- Funding Source/Project: Lab Funding
- Duration: 6 months
- Starting date: 01/07/2018
- Working day: Full time
- The deadline for receipt of resumes will be open until 15th June 2018

**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.

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