



CONV. ID-65/2022 IDIBAPS

1. POSITION OFFERED

1.1. A job is being opened to cover 1 **Position of R2A-Postdoctoral Researcher (G1-Investigadors)** to support the research of **INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER (IDIBAPS)** at the research line "Molecular pathology of Lymphoid Neoplasm", at the research project "*Resistance mechanisms of molecular targeted therapies in mantle cell lymphoma (RESTMCL)*" and at the Molecular pathology of lymphoid neoplasms research group with a scientific-technician activity contract in the following professional category:

Required qualifications and skills:

- **Required Education Level:** PhD.
- **Specialty:** PhD degree/master's in computational biology/Bioinformatics will be in consideration.
- **Experience Required:**
 - ✓ Broad understanding of genomics, molecular biology, and cancer biology, with particular focus on lymphoid neoplasia.
 - ✓ Strong and documented background in NGS analyses.
 - ✓ Ability to develop complex, high quality software in R and Python.
 - ✓ Broad experience in common scripting languages.
 - ✓ Know-how in building analysis pipelines.
 - ✓ Good background in mathematics and biostatistics.
 - ✓ Experience in analyzing and integrating genetic, transcriptional and epigenomic data (WGS/WES/NGS panels, RNA-seq, GEP, DNA methylation, among others).
 - ✓ Experience in structural variant pipelines.
 - ✓ Desired experience:
 - Experience in single cell sequencing analyses will be positively evaluated.
 - Web-lab expertise complementing computational knowledge will be positively evaluated.
- **Skills:**
 - ✓ Clear motivation and interest to carry out translational research in biomedicine.
 - ✓ Enthusiastic and collaborative person.
 - ✓ Good planning abilities.
 - ✓ Strong teamwork skills.
 - ✓ Excellent communication and presentation skills.
- **Required Languages:** High level of English.

Job description / Tasks to be developed:

The postdoctoral fellow will be integrated in an interdisciplinary team focused on the genomic/transcriptomic analysis of adult B cell neoplasia. The selected candidate will work in a project funded by La Marató TV3 aimed at the resistance mechanisms of molecular targeted therapies in mantle cell lymphoma (MCL) from two clinical trials.

- ✓ Bioinformatic analyses of a custom NGS panels
- ✓ Bioinformatic analysis of WGS/WES of MCL of samples from clinical trials and integration of data with RNA-seq and Nano string data.
- ✓ Development of computational tools and models to link genetic and transcriptomic alterations to prognostic outcomes, with translational significance.
- ✓ Possibility to participate in projects of single cell sequencing analysis of paired samples of study candidates (diagnostic and resistance to treatment).



Presentation of applications:

All documents must include the reference code of the job offer (see upper left corner of the call).

- Candidates must enclose a motivation letter and their Curriculum Vitae (including list of publications).
- Proof of the merits exposed and the degree obtained must also be included in the application.
- The application must include also signed authorization in reference to personal data protection law - European Regulation (UE) 2016/679- (Document attached, Page 4).

Place of submission: (clearly indicating the reference code of the job offer)

1. Delivering it personally to the Dept. of human resources, located on the Esther Koplowitz Centre, C/Rosselló 149, from 10 am to 1 pm from Monday to Friday.
2. By e-mail to the e-mail address: fcbrrhh@recerca.clinic.cat

Application Deadline: 07/08/2022.

1.2. The recruitment will be carried out according to the provisions of Article 15 of the Royal Legislative Decree 1/1995, of 24 March, which approves the text of the law of the Statute of workers, in accordance with the provisions of art. 2 of the Royal Decree 2720/98, of 18 December (BOE of 8 January 1999), law 12/2001, of 9 July (B.O.E. of 10 July) and concordant provisions.

The principle of equal treatment between men and women will be considered, according to article 14 of the Spanish Constitution, the Community Directive of 9 February 1976 and what is foreseen in the agreement of the Council of Ministers of 4 March 2005, which approves the plan for gender equality in the General Administration of the State.

The universal accessibility for disabled persons will be considered according to the second paragraph of Article 1 of the law of December 2 51/2003 of equality of opportunities; 5% of the vacancies are preserved when candidates' pass the selection process and disabilities are proved. Also, compatibility with the tasks associated to the job must be proved so that progressively we reach 2% of all workforces.

1.3. Annual gross remuneration inherent to the job offer object of this call will be fixed on the basis of the experience provided and the skills of the candidates.

1.4. In accordance with Regulation (EU) 2016/679 of 27 April 2016 on the protection of natural persons with regard to the processing of personal data (hereinafter the "Regulation"), we hereby inform you that:

- The party responsible for processing your data is the Institut d'Investigacions Biomèdiques August Pi i Sunyer (hereinafter "IDIBAS"), with Corporate ID No. Q5856414G, and registered address in Barcelona, Carrer Rosselló 149-153. You may contact the Data Protection Manager by sending an email to protecciodades.recerca@clinic.cat or by writing to the Legal Director at Carrer Rosselló 149-153, Barcelona.
- When presenting your candidacy or sending us your CV, your data must be communicated with the aim and purpose of allowing employees at the entity to carry out management and selection processes.
- The information will be used by administrative and employee services in our entity, for their corresponding services, and may be submitted in full or in part to any authorities that, for legal reasons, require this type of information.
- The data provided will be held for a period of 1 year, and in addition once the relationship has been completed the data will be held for the period necessary to comply with legal provisions.



HR EXCELLENCE IN RESEARCH

- The data provided may be transferred to a third country or international organisation, where necessary to justify the contract and/or salary of the employee providing the data.
- You have the right to access your data, request rectification of inaccurate data or request the removal of your data. Equally, you have the right to restrict the processing of your data, and you may oppose or withdraw consent for your data to be used in certain circumstances. You may exercise these rights by writing to the Legal Director at Carrer Rosselló 149-153, Barcelona, or by sending an email to protecciodades.recerca@clinic.cat. We also inform you of your right to file a complaint with the Catalan Data Protection Authority (Autoritat Catalana de Protecció de Dades) for any action taken by IDIBAPS that you believe infringes your rights.
- Since 2015, IDIBAPS holds the "[HR Excellence in Research](#)" Award from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers ([Charter and Code](#)). Please check our [Recruitment Policy](#).

Barcelona, July 27th of 2022
Marta Fernandez Cufi
Human Resources Manager

A handwritten signature in blue ink, appearing to read 'Marta Fernandez Cufi', written over the typed name.

I Authorize at:

INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER (IDIBAPS) to treat my personal data for the personnel selection procedure, which will cede it only in these legally enforceable cases, in accordance with the provisions of European Regulation (UE) 2016/679, and corresponding regulations that develop it.

Name:
Signed:

Barcelona,