

CONV. ID-51/2020 IDIBAPS

1. POSITION OFFERED

1.1. A job is being opened to cover **1 Position of Graduate** to support the research of **INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER (IDIBAPS)** at the research project "*PersonalizeAF: Personalized Therapies for Atrial Fibrillation. A Translational Approach*", Grant Agreement Number: 860974, funded by EUROPEAN COMMISSION. With temporary contract in the following professional category:

Required qualifications and skills:

- **Required Education Level:** Graduate in Engineering/Computing/Biomedical/Medicine or related.
- **Specialty/Master:** Master's in Engineering/Computing/Biomedical/Medicine or related is mandatory.
- **Required Experience:**
 - Previous knowledge on the research field of the current proposal will be considered. Specifically, biomedical signal and image processing (e.g., magnetic resonance, computed tomography or electrical signals), as well as notions on human diseases and cardiac physiology, will be positively valued.
 - We expect applicants to be also interested in the understanding of basic processes underlying cardiac arrhythmias.
 - Years of research experience: As per eligibility criteria, only those with <4 years of research experience will be considered.
- **Required Languages:** English required. Catalan / Spanish knowledge will be positively valued.

Job description / Tasks to be developed:

Applications are invited for a full-time Early Stage Researcher/PhD student position in the "Biopathology and therapy of atrial fibrillation" research group, led by Dr. Lluís Mont, at Institute of Biomedical Research August Pi i Sunyer (IDIBAPS, Barcelona).

The position is part of **Personalize-AF** (GA: 860974) project, <https://cordis.europa.eu/project/id/500624>. PersonalizeAF will integrate data and knowledge from in-vitro, in silico, ex vivo and in vivo animal and human models to understand and improved our current approach to Atrial Fibrillation (AF).

Myocardial fibrosis has been recognized as a hallmark of the atrial fibrillation substrate that drives the arrhythmia instauration and progression. The candidate will be involved in a project that eventually aims at developing an personalized therapeutic approach to AF patients by integrating data on atrial fibrosis burden and topography.

Specifically, the candidate will delve into the non-invasive analysis of atrial remodeling by mean of cardiac magnetic resonance. His/her duties will include improvement and refinement of algorithms applied to medical images, their processing, validation, and correlation to electrical signals obtained during invasive procedures. These tools might serve to enable individualization of the therapeutic approach, particularly ablation, to patients with AF. Training will benefit from a close contact with the daily clinical practice in a Cardiac Electrophysiology unit. In order to gain further knowledge on the pathophysiological consequences of atrial fibrosis, secondments with a basic research focus are planned.

Eligibility criteria

The following eligibility criteria apply: ESRs must, at the date of recruitment by the beneficiary, be in the first four years* (full-time equivalent [FTE] research experience) of their research careers and have not been awarded a doctoral degree. Researchers who have not resided or carried out their main activity (work, studies, etc.) in the country of the recruiting beneficiary (Spain) for more than 12 months in the 3 years immediately before the recruitment date. Compulsory national service, short stays such as holidays, and time spent as part of a procedure for obtaining refugee status under the Geneva Convention are not taken into account. International European interest organisations or international organisations cannot recruit researchers who have spent more than 12 months in the 3 years immediately before the recruitment date at the same appointing organisation.

*measured from date when researchers obtained the degree which would formally entitle them to embark on a doctorate.

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 (Statement of Research Interest) and their Curriculum Vitae.
- 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 3).

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 rrhh.fundacio@clinic.cat


Application Deadline: 12/07/2020

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. 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.
- 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.



Barcelona a 02/07/2020
Marta Fernandez Cufí
Human Resources Manager

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,