

**Nº REF.: FU-60/2021**

**POSITIONS OFFERED:**

**1 Position of Graduate** to support **FUNDACIO CLÍNIC PER A LA RECERCA BIOMÈDICA (FCRB)** at the research project: *“CoALeS: Improving long term outcome in infants with coarctation through machine learnig for data integration from fetus to childhood.”* Grant Agreement Number: 202016-30, funded by FUNDACIÓ LA MARATÓ DE TV3. With temporary full time contract.

**Extension of the application deadline:**

The period to apply to these positions has been extended until: **July 04<sup>th</sup>, 2021.**

Barcelona, June 28<sup>th</sup>, 2021



Marta Fernández Cufi  
Human Resources Manager

Ref. Conv-FU-60/2021

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## 1. POSITION OFFERED

1.1. A job is being opened to cover **1 Position of Graduate** to support **FUNDACIÓ CLÍNIC PER A LA RECERCA BIOMÈDICA (FCRB)** at the research project: “CoALeS: *Improving long term outcome in infants with coarctation through machine learning for data integration from fetus to childhood.*” Grant Agreement Number: 202016-30, funded by FUNDACIÓ LA MARATÓ DE TV3. With temporary full time contract in the following professional category:

### Required qualifications and skills:

- ✓ **Required Degree:** Degree in Computational Biomedical Engineering or equivalent.
- ✓ **Required Experience:**
  - Experience in Biomedical engineering.
  - Experience in Programming.
  - Experience in Machine learning.
- ✓ **Languages:** English.

### Job description / Tasks to be developed:

The objective of CoALeS project, funded by La Marató de TV3, is to use machine learning (ML) to improve outcome in babies with Coarctation of the Aorta, by phenotyping individuals, using comprehensive cardiovascular and neurological data.

To do that we aim to use interpretable ML to manage CoA patients, by using complex data similarity (images, biomarkers, neurological monitoring and clinical information), to phenotype individuals and study clinical trajectories.

The aim is to develop a cloud-based clinician-friendly tool for information capture and decision support, to understand the relations between cardiovascular and neurological parameters, together with treatment information and outcome, in CoA patients, through data integration using contemporary, interpretable machine learning.

### 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 your contact details).

Proof of the merits exposed and the degree obtained must also be included in the application.

The authorization request for personal data must be signed and attached -European Regulation (UE) 2016/679- (see 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](mailto:rrhh.fundacio@clinic.cat)

**Application Deadline:** 16/05/2021

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 *Fundació Clínic per a la Recerca Biomèdica* (hereinafter "FCRB"), with Corporate ID No. G59319681, 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](mailto: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](mailto: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 FCRB that you believe infringes your rights.



Barcelona a 06/05/2021  
Marta Fernández Cufí  
Human Resources Manager

**I Authorize at:**

**FUNDACIO CLINIC PER A LA RECERCA BIOMÈDICA (FCRB)** 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,