

Ref. Conv-FU-61/2018

1. POSITION OFFERED

1.1. A job is being opened to cover the position of **One Bachelor's Degree** to support the research of FUNDACIÓ CLÍNIC PER A LA RECERCA BIOMÈDICA (FCRB) at the research area of **Inflammation and repair in respiratory illnesses**, for the project "Follow Up Proposal of the Pulmonary Inflammome Project" with code: 15/596. Funded by Glaxosmithkline LLC, with temporary contract in the following professional category:

Required qualifications and skills:

- BSc/MSc in Bioinformatics, Informatics, Statistics, Mathematics, Econometrics, Computer Science, or a related field.
- Experience Required:
 - Theoretical and practical knowledge of classical statistical inference.
 - Strong coding experience in R (and Python if possible).
 - Passion for health care and willing to learn about the medical field. No bio background is required, but we seek someone motivated to learn.
 - Ability to work independently.
- Languages: English.

Job description / Tasks to be developed:

The IDIBAPS seeks to hire a Bioinformatician /Biostatistics Technician to work in the research group "Inflammation and repair in respiratory illnesses" of Dr. Alvar Agusti Garcia-Navarro.

<http://www.idibaps.org/research/606/inflammation-and-repair-in-respiratory-illnesses>

About the team

- The research focus of the group is to understand the heterogeneity of respiratory diseases, its early characterization and mechanistic overlap. We coordinate an EU research network (CADSET¹) of >20 institutions with the same aim (1-10).
- We have an in-house wet lab and access to large longitudinal studies that include longitudinal well profiled clinical data and -omics (RNAseq, small RNAseq, methylation arrays).
- The aim of the present work is to implement bioinformatics and statistical tools and to identify groups of patients with the same molecular abnormalities and distinctive clinical features.

Main Responsibilities

- You will work in the dry-lab conducting biostatistical research for several projects. Primary duties will include, but will not be limited, to implementation of pipelines to integrate clinical and -omics data generated from the wet lab/ CADSET partners and data-mining on databases as dbGAP.
- The project is highly collaborative and provides the opportunity to interact with investigators in different disciplines, including clinical scientist, computational and experimental biology around Europe.

What we offer:

- Competitive salary according to qualifications and experience.
- Integration in a collaborative EU scientific network including major Respiratory and bioinformatics groups (<https://www.ersnet.org/research/clinical-research-collaborations>).
- Possibility for career advancement and attendance to specialized training courses and scientific meetings.

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 and names, e-mail and telephone numbers of two referees).
- 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. Through regular mail, to the address referenced in the previous point.
3. By e-mail to the e-mail address Rrh.fundacio@clinic.ub.es

Application Deadline: 20/01/2019

References:

1. Agusti A, Noell G, Brugada J, Faner R. Lung function in early adulthood and health in later life: a transgenerational cohort analysis. *Lancet Respir Med* 2017; 5: 935-945.
2. Noell G, Cosio BG, Faner R, Monso E, Peces-Barba G, de Diego A, Esteban C, Gea J, Rodriguez-Roisin R, Garcia-Nunez M, Pozo-Rodriguez F, Kalko SG, Agusti A. Multi-level differential network analysis of COPD exacerbations. *Eur Respir J* 2017; 50.
3. Faner R, Cruz T, Casserras T, Lopez-Giraldo A, Noell G, Coca I, Tal-Singer R, Miller B, Rodriguez-Roisin R, Spira A, Kalko SG, Agusti A. Network Analysis of Lung Transcriptomics Reveals a Distinct B Cell Signature in Emphysema. *Am J Respir Crit Care Med* 2016.

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' pas 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 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 FCRB that you believe infringes your rights.

Barcelona a 27/12/2018
Marta Fernandez Cufí
Human Resources Manager

AUTORITZO A:

La FUNDACIO CLINIC PER A LA RECERCA BIOMÈDICA a que tracti les meves dades amb finalitats de selecció de personal, qui les cedirà únicament en aquells casos legalment exigibles, de conformitat amb l'exposat al Reglament (UE) 2016/679, i corresponent normativa que el desenvolupa.

Nom i Cognoms:

Signat:

Barcelona, a