

Ref. Conv-FU-35/2019

1. POSITION OFFERED

1.1. A job is being opened to cover the position of **One Postdoctoral Researcher (R2A)** to support the research of **FUNDACIÓ CLÍNIC PER A LA RECERCA BIOMÈDICA (FCRB)** at the research project "Neprysil inhibitors in Preclinical Models of Portal Hypertension" with reference code: 2738-18 FCRB. Funded by Theravance Biopharma Antibiotics, Inc., with temporary contract in the following professional category:

Required qualifications and skills:

- Required Degree: PHD al Biomedicine Area (Doctorate in Biology, Biotechnology, Biomedicine or similar).
- Experience Required:
 - Experience in basic and translational research.
 - Experimental course with animals (approved by the Generalitat of Catalonia).
 - Experience in animal surgery.
 - Experience in Isolation and culture of primary and commercial cell lines.
 - Knowledge of immunohistochemistry and immunocytochemistry techniques.
 - Knowledge of molecular biology techniques (Western Blot, ELISA, RNA / DNA / proteins isolation, RT-PCR), oxidative stress (DHE, cGMP, NTyr) and apoptosis.
 - Curricular level in order to apply for different grants (Sara Borrell, Betriu Pinós...).
 - Knowledge of diseases related to fibrogenic and inflammatory response.
 - Progression and regression of fibrogenic diseases.
 - Knowledge of animal surgery to evaluate hemodynamic measures.
 - Development of pathologies in different animal models.
 - Cell transfection.
 - Knowledge of bioinformatics & statistics.
- Languages: English.

A successful candidate will be motivated and enthusiastic about understanding the different liver diseases, capable of developing experiments and analyzing results independently and above all, a commitment to thorough, rigorous research, and a thoughtful approach to problem solving and ability to work collaboratively and as part of a team.

Job description / Tasks to be developed:

A postdoctoral position is available in García-Pagán & Hernández-Gea lab, focused on the Regulation of hepatic microcirculation in cirrhosis and vascular diseases in the Hepatic Hemodynamics Department at IDIBAPS.

The research of our group focuses on understanding pathophysiology, new invasive and noninvasive diagnostic methods, and research on new treatment strategies for portal hypertension in cirrhotic and noncirrhotic portal hypertension, specifically in Budd-Chiari syndrome, noncirrhotic portal thrombosis and idiopathic portal hypertension. One of our strategic areas of research is the study of abnormal pathophysiology in the intrahepatic microcirculation in cirrhosis that causes increased portal pressure. We focus on studying the phenotypic regulation of endothelial liver cells and their interaction with other liver cells, mainly with hepatic stellate cells, and their role in the genesis of hepatic fibrosis and their potential modulation to design new therapeutic strategies for treating portal hypertension. To achieve these goals, our group uses molecular biology, cell isolation and culture, perfusion of organs, immune staining, cytometry, and mass analysis of OMIC data, light and electron microscopy, etc. Furthermore, our group has, for years, been a benchmark center for the diseases that cause noncirrhotic portal hypertension and we are involved in multiple studies at both the basic and clinical level for improving understanding for prognosis, diagnosis, and evaluation of new treatment strategies.

As part of the García-Pagán & Hernández-Gea lab you will help to extend our knowledge on these issues and to improve our ability to move from basic to preclinical studies. You will be responsible of leading your own projects as well as helping in the direction of other PhD students. You will also help in the writing of grant proposals and the preparation of manuscripts for publication and will be expected to present your work both in national and international meetings.

Postdoctoral candidates may propose to incorporate their line of research or to integrate into the lab's ongoing projects as part of a dynamic team.

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: 01/04/2019

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 18/03/2019
Marta Fernandez Cufi
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,