



UNIÓN EUROPEA

IDIBAPS

Institut
D'Investigacions
Biomèdiques
August Pi i Sunyer

Nº REF.: ID-22/2022

POSITIONS OFFERED:

1 Position of R1-Predoctoral Researcher (G1-Researchers) to support the research of **INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER (IDIBAPS)** at the research project "*RadoNorm: Towards effective radiation protection based on improved scientific evidence and social considerations - focus on radon and NORM*" with Grant Agreement Number: 900009, funded by EUROPEAN COMMISSION. With a temporary contract.

Extension of the application deadline:

The period to apply to this position has been extended until April, 17th 2022.

Barcelona, April 4th 2022

Marta Fernández Cufí
Human Resources Manager



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CONV. ID-22/2022 IDIBAPS

1. POSITION OFFERED

1.1. A job is being opened to cover **1 Position of R1-Predoctoral Researcher (G1-Researchers)** to support the research of **INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST PI I SUNYER (IDIBAPS)** at the research project "*RadoNorm: Towards effective radiation protection based on improved scientific evidence and social considerations - focus on radon and NORM*" with Grant Agreement Number: 900009, funded by EUROPEAN COMMISSION. With a temporary contract in the following professional category:

Required qualifications and skills:

- **Required Education Level:** Degree in Medicine (preferably) or Biology, Biomedicine or similar/equivalent.
- **Specialty/Master:** Master in Oncology or similar/equivalent.
- **Experience Required:**
 - ✓ Training in Biology Science.
 - ✓ Knowledge on Molecular Oncology.
- **Required Languages:** Spanish, English.
- To hire the candidate, the selected person must be enrolled in the doctorate.

Job description / Tasks to be developed:

- Competences to be acquired:
 - Molecular Epidemiology of lung cancer; Bioinformatics.
 - Comprehensive characterization of lung cancer based on carcinogens (radon).
 - Translational Research on lung cancer & radon, focused on the clinical applicability.
- Specific tasks:
 - To work on the comprehensive characterization of the molecular profile and cancer pathways of lung cancer related to radon in rats & humans exposed to occupation and residential radon.
 - To participate on Research project on Molecular Epidemiology, ImmunOncology and Translational Oncology in Thoracic tumors and other Solid Tumors.

About the RADONORM project:

The key aim of RadoNorm is to provide answers to open questions related to radon and NORM exposure of humans and the environment and to provide sound, feasible and applicable solutions for radiation risk reduction which are widely acceptable for the individuals and the public.

About the task 4.5. of RADONORM project:

Radon is the leading cause of lung cancer in non-smokers, but the carcinogenesis mechanism remains unknown. Over the last years, several oncogenic molecular alterations have been described in non-smokers, comprising somatic mutations (EGFR, BRAF, etc.) and chromosomal rearrangements (ALK, ROS1, etc.), however, no specific alteration with a strong relation to radon exposure has been identified yet. The hypotheses for the study are: (i) the driver molecular alterations in NSCLC are associated with the cellular and molecular damage induced by radon, 2) radon gas can induce common genomic alterations in cancer pathways in rats and humans that can be identified in a radon-associated signature.

Supervisor: Dr. Laura Mezquita.

Medical oncologist – Clinician-Scientist; Hospital Clinic, IDIBAPS,
Adjunct Professor of Medicine, University of Barcelona.

Site: Campus Clinic, University of Barcelona; Laboratory of Translational genomics & Targeted therapies in Solid tumors, at IDIBAPS (Barcelona, Spain).

- Program: Medicine and Translational Research.
- Line of Research: 101277 – Oncology & Hematology.



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: rrhh.fundacio@clinic.cat

Application Deadline: 01/04/2022.

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
- 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.



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- 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 07/03/2022
Marta Fernández Cufí
Human Resources Manager



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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,