

Reference: 052-23

JOB OFFER

Lleida Biomedical Research Institute is recruiting a:

- Senior Research Technician-

The Institute

The Biomedical Research Institute of Lleida Fundació Dr. Pifarré (IRBLleida) was established with the aim of creating synergies between basic, clinical and epidemiological research, making biomedical research a key driver to improve current clinical practice. IRBLleida covers a chain of translational research, from basic research, aimed at understanding the physiological and pathological mechanisms of the human body, to research that studies the behavior of diseases in large population groups.

The Biomedical Research Institute of Lleida ([IRBLleida](#)) was founded in 2004 through a cooperation agreement between the University of Lleida (UdL) and the Catalan Healthcare system. IRBLleida integrates research groups of the faculties of Medicine and Nursing and Physiotherapy of the UdL. On the other hand, we incorporate research groups from:

1. The Catalan Health Institute ([ICS](#)) both at the hospital level (Arnau de Vilanova University Hospital - [HUAV](#)) and the primary healthcare of [Lleida](#) and the [Alt Pirineu-Aran Health Region](#),
2. The healthcare provider [Gestió de Serveis Sanitaris \(GSS\)](#); [Santa María University Hospital - HUSM](#), [Pallars Regional Hospital](#) and [Mental Health](#), among others).

IRBLleida has been a CERCA institute since 2013, and as such is organized according to a model of good governance and operation that ensures efficiency, management flexibility, talent recruitment and promotion, strategic planning and executive capacity. It is also one of the 34 Spanish Health Research Institute ([IIS](#)) recognized by the [Carlos III Health Institute](#) and the Government of the Generalitat, as established by Law 16/2003, of 28 May, on the cohesion and quality of the national health system.

In December 2014, the Lleida Biomedical Research Institute's received the '[HR Excellence in Research](#)' logo from the European Commission. This is a recognition of the Institute's commitment to developing an HR Strategy for Researchers, designed to bring the practices and procedures in line with the principles of the [European Charter for Researchers](#) and the [Code of Conduct](#) for the Recruitment of Researchers (Charter

and Code).

Please, [check out our Recruitment Policy](#)

Professional profile of the person hired:

- Senior Research Technician

Requirements (excluding applications that do not complete this section):

- Graduate in Biology, Chemistry, Biochemistry, Biotechnology, Pharmacy, Biomedicine or similar.

These requirements must be met at the beginning of participation in the program.

Context and tasks to be developed:

The activity of this contract will be carried out within the framework of the research line "unravelling the role of metabolism and oxidative stress in the origin and development of age-related pathologies, with special emphasis on neurodegenerative diseases", corresponding to the Metabolic Physiopathology research group at IRBLleida, as established in the terms and conditions of the call for applications.

The person selected will join IRBLleida to work as a senior research technician for the project "FROM GFAP MUTATIONS IN ASTROCYTES TONO NEURODEGENERATION: EXPLORING A LIPID-PROTEIN OXIDATION PATHWAY".

The Project has received funding to hire one person until 14/12/2024, from the "LA CAIXA" Foundation with project code HR21-00259 (HEALTH RESEARCH 2021 PROGRAMME).



The main tasks include:

- Optimisation and fine-tuning of targeted and non-targeted lipidomics methodology required for the project.
- Generation of metabolomics and lipidomics datasets (targeted and untargeted) in disease-relevant biological samples (cell cultures and brain organoids).

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- Metabolomics/lipidomics-based functional characterisation of cell cultures and organoids by metabolic reconstruction.
- Identification of key metabolic pathways in collaboration with project partners.

Desirable but not required/ Nice to have

- Specific training and experience in liquid chromatography and mass spectrometry.
- Specific training and experience in lipidomic analysis (extraction methods, specific liquid chromatography and mass spectrometry methods, specific software such as metaboanalyst Metlin, etc.).
- Specific training in oxidative stress physiology.
- Training and experience in processing, interpretation and analysis of lipidomic data.
- Experience in sample processing and LC-MS-based lipidomic analysis methods.
- Experience in oxidative stress analysis methods based on LC-MS.
- Experience in bioinformatics analysis of lipidomic data.
- Participation in projects where lipidomics and oxidative stress play a relevant role.
- Postgraduate studies in the field of oxidative stress and/or lipidomics.
- Publications in the field of lipidomics and oxidative stress.
- Experience in writing research projects, reports and scientific articles.
- Experimental work in lipidomics.
- Ability to write and prepare reports.
- Fluency in spoken and written English.

The Offer – Working Conditions

- Type of contract: Indefinite for technical scientific activities, in accordance with the provisions of Article 23 of Law 17/2022, of 5 September, which amends Law 14/2011, of 1 June, on Science, Technology and Innovation.

The contractual modality is that of indefinite duration, with specific clauses linked to the financing of the project in accordance with art. 49 1.b) and art. and 52.e). of Royal Legislative Decree 2/2015, of 23 October, approving the revised text of the Law on the Statute of Workers.

- Professional category: Senior research technician G1

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- Planned start date: January 2024
- Workday: Full time 37.50 hours per week
- Remuneration: 29,222.72 euros gross per year NOT including employer's social security contributions. The amount granted for the financing of personnel costs is €40,035.94, this amount will cover the gross annual salary of the person hired and the costs of the employer's social security contribution.
- Activity funding: PV10198 "FROM GFAP MUTATIONS IN ASTROCYTES TONO NEURODEGENERATION: EXPLORING A LIPID-PROTEIN OXIDATION PATHWAY" HR21-00259 (HEALTH RESEARCH 2021 PROGRAMME)
- Duration of the contract: The work programme of the project foresees that staff costs will be incurred during the period 15/01/2024 to 14/12/2024. If there are changes in the work programme and/or budget of the project, the possibility to modify the period will be assessed (the duration of the contract is linked to the specific funding of the project/convention).

We provide a highly stimulating environment with state-of-the-art infrastructures. To check out our training and development portfolio, please visit our website in the [training section](#).

We offer and promote a diverse and inclusive environment and welcomes applicants regardless of age, disability, gender, nationality, race, religion or sexual orientation.

The IRBLleida is committed to reconcile a work and family life of its employees and are offering the possibility to benefit from flexible working hours. In addition, as a result of different company agreements, the following improvements are recognized:

- Paid leave to go to the doctor for personal health reasons.
- Paid leave to accompany a first-degree relative under 18 years of age, over 70 years of age or with first-degree disability to the doctor.
- Holidays that coincide with Saturday or Sunday are moved to the Monday immediately following.
- A special 6-hour working day is established on Holy Thursday, April 23, June 23, December 24, December 31 and January 5.

Documents and application deadline:

All applications must include:

- A motivation letter.

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- Full curriculum vitae.
- The deadline for submission will end on 02 december 2023 at 14.00 hours.

Those interested can apply for the offer by filling in the form (<https://www.irbllleida.org/ca/job-application/>) and sending your CV and a cover letter, indicating the name of the offer for which you are applying and the reference 052 -23.

| Selection process schedule for reference 052-23 | |
|--|---|
| Minimum 15 days | Publication and dissemination of the job offer: IRBLeida website, "Empléate" portal, social networks, other employment websites depending on the vacancy offered. |
| Next 2 working days | Transfer of the CVs to the Selection Committee |
| Next 5 working days | Meeting of the Selection Committee: <ul style="list-style-type: none"> - Interview of the pre-selected candidates - Evaluation of the candidates and meeting minutes certifying the candidate awarded with the position |
| Next 5 working days | Completion of the paperwork required to formalize the employment contract |
| Genuary 2024 | Approximate contract starting date |
| Express selection process | |
| <p>When an employee must be replaced urgently, for instance, to cover a sick leave, scientific reasons justifying the incorporation on a specific day, specification in a resolution, etc., an express selection process could be undertaken.</p> <p>This selection process will follow the same procedure as the ordinary one, but the duration of several steps will be reduced, <i>i.e.</i> publication of the job offer, submission of applications, evaluation and selection process.</p> | |

The contract will be in accordance with the provisions of **article 15 of Royal Legislative Decree 1/1995, of 24 March**, approving the text of the Workers' Statute Act, in accordance with the provisions of **article 2 of Royal Decree 2720/98, of 18 December (B.O.E. of 8 January 1999)**, **Law 12/2001, of 9 July (B.O.E. of 10 July)** and concordant provisions.

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The principle of equality between men and women is taken into account, in accordance with Organic Law 3/2007, of 22 March, for the effective equality of women and men. IRBLeida has an [Equal Opportunities Plan for men and women](#) and a [Protocol for the prevention and eradication of sexual harassment](#).

The principle to equal opportunities and treatment, as well as the real and effective exercise of rights by people with disabilities on equal terms with other citizens, through the promotion of personal autonomy, universal accessibility, access to employment, inclusion in the community and independent living and the eradication of any form of discrimination, in accordance with **articles 9.2, 10, 14 and 49 of the Spanish Constitution** and the International Convention on the Rights of Persons with Disabilities and the international treaties and agreements ratified by Spain, in accordance with the provisions of **Royal Legislative Decree 1/2013, of 29 November**.

L'IRBLeida es compromet amb els principis de reclutament i transparència basats en mèrits (OTM-R) d'acord amb els requisits de segell HRS4R

ANNEX I: SELECTION COMMITTEE

PRESIDENT

- Manager IRBLeida
 - Ms. Eva López

CHAIRS

- Researcher at IRBLeida
 - Dr. Reinald Pamplona

- Researcher at IRBLeida
 - Dra. Mariona Jové

- Researcher at IRBLeida
 - Dra. Èlia Obis

SECRETARY

- IRBLeida HR manager
 - Ms. Elena Moscatel

ANNEX III: SCALE OF MERITS

a) Academic curriculum and complementary training – 30 points.

Valued:

- Specific training and experience* in liquid chromatography and mass spectrometry.
- Specific training and experience* in lipidomics and oxylipidomics techniques.
- Specific training in oxidative stress physiology.

Accreditable with specific courses, conferences in the field and scientific training stays.

b) Certified professional experience. 50 points

Valued:

Required experience (you have to document experience in at least four of them to be eligible) 25 points

- Sample processing methods for lipidomic analysis.
- Methods of lipidomics analysis based on LC-MS.
- Methods for oxidative stress analysis based on LC-MS.
- Bioinformatics analysis of lipidomic data.
- Participation in projects where lipidomics and oxidative stress play a relevant role.

Desired experiences 15 points

- Experimental work in lipidomics.
- Ability to write and prepare reports.
- Fluency in spoken and written English.

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c) Competence test or interview - 20 points

Any application that does not obtain a score of more than 50 points will not be considered

Information clause on the processing of personal data

Responsible party: Institut de Recerca Biomèdica de Lleida Fundació Dr. Pifarré (IRBLleida).

Purpose: Management of job offers.

Legitimation: The legal basis of the processing is the carrying out of a selection process to fill a job vacancy.

Addressees: The data will not be transferred to third parties, except in the legal obligations established by law.

Rights: Access, rectification and deletion of data, as well as other rights, as explained in the additional information.

Additional information: You can consult additional and detailed information on Data Protection on our website <http://www.irbllleida.org/en/legal-notice/>.

The data provided by applicants will be incorporated into the processing system owned by IRBLleida in order to manage and resolve the selection process, and will be processed in a lawful, fair, transparent, adequate, relevant, limited, accurate and up-to-date manner, in compliance with the provisions of Regulation (EU) 2016/679 of the European Parliament and Organic Law 3/2018, of 5 December (LOPDGDD). The legal basis for the processing of data is the fulfilment of a legal obligation on the part of the controller reinforced with the consent of the data subject.

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This data must be kept for the period of time strictly necessary to fulfil the aforementioned purpose, respecting in all cases the period determined by these rules and regulations governing the call for applications and the applicable archiving regulations.

The IRBLleida must communicate the data of the beneficiaries of the contracts to the Agency for the Management of University and Research Grants so that it can exercise its powers of management control as an entity attached to this Department.

Certain data may also be communicated to third parties in the public or private sphere, either because the intervention of these entities in the course of the aid management process may be necessary because it is correctly resolved, or because it is provided for in a regulation with the status of law.

As long as the interested party does not communicate otherwise, it will be understood that their details have not been modified and that they undertake to notify the IRBLleida of any variation.

Applicants and contracted persons may exercise their rights of access, rectification, limitation of processing, suppression, opposition to the processing of their data or exercise their right to portability by writing to IRBLleida (Avda. Rovira Roure, 80, 25198 Lleida), to the e-mail address protecciodedades@irbllleida.cat or to the IRBLleida's Data Protection Delegate, dpd@ticsalutsocial.cat. You must attach a photocopy of your ID card or sign the e-mail with a recognised electronic signature. In the event of disagreement with the processing, you also have the right to lodge a complaint with the Catalan Data Protection Authority.