



**WE ARE LOOKING FOR...**

**Senior Research Technician Junior for the Metabolic  
Pathophysiology Group**

**What do we offer?**

<b>Research group</b>	Metabolic pathophysiology
<b>Line of research</b>	To unravel the role of metabolism and oxidative stress in the origin and development of age-related pathologies, with special emphasis on neurodegenerative diseases.
<b>Type of contract</b>	Indefinite due to scientific-technical activities
<b>Beginning</b>	Immediate
<b>Duration</b>	Approx 6 months
<b>Day</b>	37.5h/week – full-time
<b>Category</b>	Senior Research Junior Technician
<b>Remuneration</b>	€22,169.70/gross per year

**The Institute**

The Institute for Biomedical Research of Lleida, Dr. Pifarré Foundation (IRBLleida) was created 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 behaviour of diseases in large population groups.

IRBLleida was founded in 2004 through a collaboration agreement between the University of Lleida (UdL) and the Catalan health system. IRBLleida is part of research groups from the

Faculties of Medicine and Nursing and Physiotherapy of the FGSHSCSP. On the other hand, we incorporate research groups of:

1. The Catalan Institute of Health ([ICS](#)) both in the hospital setting (Arnau de Vilanova University Hospital-HUAV) and [in primary care in Lleida](#) and the [High Pyrenees-Aran Health Region](#).
2. The healthcare provider [Healthcare Management \(GSS; Santa María University Hospital-HUSM, El Pallars Regional Hospital](#) and [Mental Health](#), among others).

IRBLleida has been a CERCA institute since 2013, and therefore it is organised according to a model of good governance and operation that guarantees efficiency, flexibility in management, recruitment and promotion of talent, strategic planning and executive capacity.



In addition, it is one of the 34 Spanish Health Research Institutes ([IIS](#)) recognised 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 Institute for Biomedical Research of Lleida received the '[HR Excellence in Research](#)' recognition from the European Commission. This is a recognition of the Institute's commitment to developing a human resources strategy for researchers, designed to align practices and procedures with the principles of the [European Charter for Researchers](#) and the [Code of Conduct](#) for the recruitment of researchers (Charter and Code).



Please see our [recruitment policy](#).

## Professional profile of the person hired

Senior Research Technician Junior

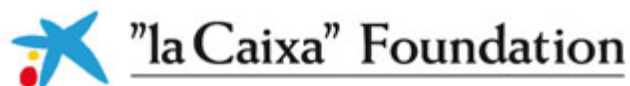
### Requirements (those candidatures that do not meet this point will be excluded)

- Bachelor's degree in Biomedical Sciences, Biology, Chemistry, Biochemistry, Biotechnology, Pharmacy, or related disciplines.
- Experience in liquid and gas chromatography techniques, coupled with mass spectrometry.
- Expertise in metabolomic and lipidomic analyses based on mass spectrometry.
- Experience in the use of specific software for the processing and analysis of omics data (Metaboanalyst, Metlin, R-studio, etc.).
- Expertise in extracting, preparing, and processing samples for lipidomic analysis.

These requirements must be met at the beginning of the contract.

### Tasks to be carried out

The selected person will join the research line *Deciphering the role of metabolism and oxidative stress in the origin and development of age-related pathologies, with special emphasis on neurodegenerative diseases* within the Metabolic Pathophysiology Research Group as a senior junior research technician and will carry out tasks related to the research project **PV10198** "*from gfap mutations in astrocytes to neurodegeneration: exploring a 3ealt-protein oxidation pathway*", a project funded by the "La Caixa" Foundation with project code HR21-00259.



***HR21-00259 (health research 2021 program) with funding from the "La Caixa" Foundation***

Some of the tasks they will do are:

- Generation of lipidomics datasets in relevant biological samples of Alexander's disease (cell cultures and brain organoids).
- Functional characterization based on lipidomics of cell cultures and organoids through metabolic reconstruction.
- Identification of key metabolic pathways in collaboration with project partners

## **Desirable but not required/ Nice to have**

### **Knowledge**

- Specific training in biological sample management
- Specific training in management and organization of laboratory resources

### **Experience**

- Experience in molecular biology techniques (PCR, Western Blot, Immunohistochemistry, etc.).
- Experience in clinical research projects
- Experience in laboratory work
- Scientific publications in the field of lipidomics and neurodegenerative diseases

## Competences

- Ability to manage and organize laboratory resources.
- Ability to work in a team.

## Contract Specifications

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

The contractual modality is 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 Workers' Statute Law.

- ✓ The amount granted to finance personnel costs is €14,810.02 during the term of the project.

This amount will cover the gross annual salary of the person hired, the expenses of the employer's Social Security contribution and end-of-contract compensation.

- ✓ Funding of the activity: *PV10198 from gfap mutations in astrocytes to neurodegeneration: exploring a lipid-protein oxidation pathway" hr21-00259 (health research 2021 program)* with "La Caixa" Foundation financial suport
- ✓ **Duration of the contract: The project work programme provides for staff costs to be developed over approximately 6 months.**
- ✓ If there are modifications in the work program and/or budget of the project, the possibility of modifying the period will be assessed (the duration of the contract is linked to the specific financing of the project/agreement).

## Why work at IRBLleida?



We offer a highly stimulating environment with state-of-the-art infrastructure.



We offer complementary training for all profiles. 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 welcome applicants regardless of age, disability, gender, nationality, race, religion, or sexual orientation.



Work-life balance and the possibility of benefiting 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 reasons of one's own health.
- Paid leave to accompany a first-degree relative under 18 years of age, over 70 years of age or with a 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.

## Documentation and submission deadline

Applications must be accompanied by:

- Cover letter.
- Curriculum vitae.

**The deadline for submission will end on April 1<sup>st</sup>, 2025 at 2:00 p.m.**

Interested people can apply for the offer by filling in the [form](#) and sending your CV and cover letter, indicating the name of the offer to which you are applying and the reference **015-25**.

#### Selection calendar for the reference 015-25 process

Minimum 15 days	Publication and dissemination of the offer: IRBLeida website, Euraxess (by research staff), social networks, other employment websites depending on the position offered.
Maximum 2 working days following	Sending CVs to the Selection Committee
Maximum 5 working days	Holding of the Selection Committee <ul style="list-style-type: none"> <li>- Interview with pre-selected candidates</li> <li>- Assessment and Award Record of the Selection Committee</li> </ul>
Maximum 5 working days	Carrying out the necessary administrative procedures to formalise the employment contract
Approximate start of the contract	Immediate

#### Express Selection Process

In those cases in which a worker has to be replaced urgently, for example, to cover a sick leave, because for scientific reasons the incorporation has to take place on a specific day, because it is provided for in a resolution, etc., an express selection procedure may be followed.

This selection process will follow the same procedure as the ordinary one, but the duration of all the phases of the process will be reduced, mainly the phase of publication of the job offer and submission of applications and the phase of evaluation and selection of personnel.

## Regulation and normative principles

Recruitment will be carried out in accordance with the provisions of **Article 15 of Royal Legislative Decree 1/1995, of 24 March**, which approves the text of the Workers' **Statute Law**,

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 related provisions.

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.

It takes into account the right 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 jobs, 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**.

**\*\*The text of this document has been written in Catalan, Spanish and English, considering the three versions as official, but in case of conflict the Catalan version will prevail.**

**IRBLeida is committed to the principles of merit-based recruitment and transparency (OTM-R) in accordance with the HRS4R seal requirements**



## **ANNEX I. MEMBERS OF THE SELECTION COMMITTEE**

<b>President</b>	Ms. Eva Lopez, Manager
	Dr. Reinald Pamplona, IRBLeida Researcher
<b>Vocals</b>	Dr. Mariona Jové, IRBLeida Researcher
	Dr. Èlia Obis, IRBLeida Researcher
<b>Secretary</b>	Ms. Elena Moscatel, Head of the People and Legal Department

## ANNEX II. MERIT SCALE

<b>Academic curriculum and complementary training</b>	<b>32 points</b>
• Specific training in biological sample management	16 points
• Specific training in management and organization of laboratory resources	16 points
<b>Accredited professional experience</b>	<b>48 points</b>
• Experience in molecular biology techniques (PCR, Westen Blot, Immunohistochemistry, etc.).	12 points
• Experience in clinical research projects	12 points
• Experience in laboratory work	12 points
• Scientific publications in the field of lipidomics and neurodegenerative diseases	12 points
<b>Competency test or interview</b>	<b>20 points</b>
• Criteria subject to value judgment will be assessed according to the interview conducted	20 points
<b>Top score</b>	<b>100 points</b>

**Applications that do not exceed 50% of the maximum score will be rejected**

## Data protection information clause

### Data controller

Identity: **INSTITUTE OF BIOMEDICAL RESEARCH OF LLEIDA**

CIF: G25314394

Postal address: Av. Alcalde Rovira Roure nº80, 25198, Lleida

Email: [protecciodedades@irbllleida.cat](mailto:protecciodedades@irbllleida.cat)

### Purpose of data processing and storage

At **THE INSTITUTE FOR BIOMEDICAL RESEARCH OF LLEIDA** (hereinafter referred to as **IRBLLEIDA**) we process the information that you provide us as a data subject, in order to manage the processing of your curriculum and candidacy.

The data obtained will be kept for a period of up to 12 months, to cover future applications if they are not updated before or until there is opposition to their processing by the interested party.

### Legitimacy for data processing

The legal basis for the processing of your data is the consent of the interested party when contacting **THE INSTITUTE FOR BIOMEDICAL RESEARCH OF LLEIDA**.

### Recipients of your data

Your data will be communicated to third parties and collaborators related to the organization. Apart from these entities, your data will not be communicated to third parties.

### Rights of data subjects

The owners of the data processed by **IRBLLEIDA** have the right at any time to access their data, rectify them, oppose their processing or delete them if they believe that they are no longer necessary for the purposes for which they were collected. In addition, if you wish, you may request the portability of your data and limitation of the processing of the same. In the latter case, we will only keep them for the exercise or defence of claims. You may also revoke the consent given at any time.

To exercise these rights, you can contact **IRBLLEIDA** by email [protecciodedades@irbllleida.cat](mailto:protecciodedades@irbllleida.cat). Likewise, if you consider that your rights have been violated, you may file a complaint with the Catalan Data Protection Authority.