

## JOB OFFER

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Lleida Biomedical Research Institute is recruiting a:

- Research Technician G2-

### The Institute

The IRBLleida aims to promote, develop, transfer, manage and disseminate research excellence, scientific and technological knowledge, teaching and training in the field of life sciences and health. To this end, it promotes relations and the exchange of knowledge between the research staff and research groups belonging to the various centres and entities in the biomedical field, which operate mainly in the Lleida area; it promotes collaboration with other institutions and entities, prioritising the implementation of joint projects; it raises funds to finance research activities of excellence of interest to the aforementioned centres and devices; and it manages the research resources entrusted to it by the various institutions and entities that form part of it. Within the territorial environment, it collaborates closely with:

- The [University of Lleida](#) (UdL) includes researchers from the Faculties of Medicine and Nursing and Physiotherapy.
- The Catalan [Healthcare system](#) includes healthcare staff from:
  - [Catalan Health Institute \(ICS\)](#): [Arnau de Vilanova University Hospital](#) (HUAV), [the Lleida Primary Care and Community](#) and [Primary Care in the Alt Pirineu-Aran Health Region](#)
  - [Gestió de Serveis Sanitaris](#) (GSS): [Santa Maria University Hospital](#) (HUSM), [Pallars Regional Hospital](#) and [Mental Health](#), among others.

The IRBLleida is a [CERCA](#) institute with its own legal status: Fundació Institució dels Centres de Recerca de Catalunya (I-CERCA) de Catalunya, which is organised according to a model of good governance and operation that ensures efficiency, management flexibility, recruitment and promotion of talent, strategic planning and executive capacity. It is also a Health Research Institute (IIS) accredited 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:**

- Research Technician G2

**Requirements:**

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

**Tasks to be developed:**

The main tasks include:

- Experimental design and advice
- Sample processing and injection
- Optimisation and fine-tuning of targeted and non-targeted lipidomics methodology.
- Data processing and analysis.
- Generation of metabolomics and lipidomics datasets (targeted and untargeted).
- Identification of key metabolic pathways.

**The position to be filled is a technical support staff position for IRBLeida research groups within the SCT Lipidòmica, and not a research staff position.**

**Would be an asset:**

- Doctoral degree. Doctorate developed within the scope of this call
- **Demonstrable experience in the optimization and fine-tuning of methods for the application of metabolomics/lipidomics techniques in biomedicine**
- **Demonstrable experience in the field of metabolomics/lipidomics**
- Training and experience in sample processing, liquid chromatography and mass spectrometry and processing, interpretation and analysis of data by metabolomics and/or lipidomics analysis
- Experience required (must document experience in at least four of these to be eligible)
- Development and fine-tuning of specific LC/MS and/or GC/MS methodology for metabolomics/lipidomics applications
- Processing and bioinformatics analysis of metabolomics/lipidomics data
- Bioinformatics processing and analysis of multiomics data
- Programming skills in at least one language
- Publications in the field of metabolomics/lipidomics

- Experience in experimental design
- Experience in writing research projects, reports and scientific articles

### **The Offer – Working Conditions**

- Type of contract: Indefinite for scientific-technical activities.
- Planned start date of the contract: Immediate.
- Working day: Full 37.5 hours per week.
- Salary: 24,000 euros gross per year.

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

IRBLeida is committed to reconciling the work and family life of its employees and offers the possibility to benefit from flexible working hours.

In addition, as a result of different company agreements, the following improvements are recognised:

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

### **Documents and application deadline:**

All applications must include:

- A motivation letter
- Full curriculum vitae with contact details and national identity card number.
- Deadline: Please submit your application by November , 3rd, 2022. Latest time for the submission of applications: 14:00 h - Europe/Brussels

Those interested can apply to the 060-22 offer by filling out the form available at <https://www.irbllleida.org/ca/job-application/> and attaching a CV and a cover letter.

Selection process schedule for reference 060-22	
15 days	Publication and dissemination of the job offer: IRB Lleida website, social networks, other employment websites according to the features of the job 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"> <li>- Interview of the pre-selected candidates</li> <li>- Evaluation of the candidates and meeting minutes certifying the candidate awarded with the position</li> </ul>
Next 5 working days	Completion of the paperwork required to formalize the employment contract
Immediate	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.

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. IRB Lleida 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**.

#### **Informative clause for the processing of personal data**

Responsible: Institut de Recerca Biomèdica de Lleida Fundació Dr. Pifarré

Purpose: Management of job offers.

Legitimation: The legal basis of the treatment is the completion of a selection process to fill a position.

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

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

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

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

## ANNEX I: SELECTION COMMITTEE

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### PRESIDENT

- IRBLeida Scientific director
  - Dr. Diego Arango

### CHAIRS

- Managing Director IRBLeida
  - Ms. Eva López
  
- Deputy director
  - Dr. Joan Sayós
  
- IRBLeida Researcher
  - Dra. Obis

### SECRETARY

- IRBLeida HR and procurement manager
  - Ms. Elena Moscatel

### ANNEX III: SCALE OF MERITS

a) Academic curriculum and complementary training – 40 points.

Valued:

- Specific training in liquid/gas chromatography and mass spectrometry 15 points
- Proven experience in the application of metabolomic/lipidomic techniques. 10 points
- Specific training in data processing and analysis bioinformatics/bio-statistics applied to the human sciences 15 points

b) Certified professional experience. 40 points

Valued:

- Experience required 2 points per item
  1. Sample processing
  2. Setting up the QTOF method
  3. Development of the QQQ method
  4. Develop the Orbitrap method
  5. Development of the GCMS method
  6. Development of the GCFID method
  7. QTOF data analysis
  8. QQQ data analysis
  9. Data analysis of Orbitrap
  10. GCMS data analysis
  11. GCFID data analysis
  12. Maintenance of own MSMS databases
  13. Experimental design
  14. Data processing
  15. Script programming
  16. Bioinformatics analysis
  17. Biostatistical analysis
  18. Multiomics analysis
  19. Structural identification by MSMS
  20. Management of public metabolomics/lipidomics database

c) Competence test or interview

20 points