

INTERNATIONAL CALL IC01_25

JOB TITLE

Collaboration grant for the project “Multi-tissue Lipidomics reveals biomarkers of liver disease in severe obesity and mechanisms associated with dysfunctional adipose tissue”

JOB DESCRIPTION

The Pere Virgili Institute for Health Research (IISPV) is an institution that integrates research in the field of biomedicine in the “Camp de Tarragona” and the “Terres de l'Ebre”. The IISPV is the instrument that the university hospitals of both health regions have been endowed with (Joan XXIII University Hospital of Tarragona, Verge de la Cinta Hospital of Tortosa, Sant Joan de Reus University Hospital, Institut Pere Mata University Hospital of Reus) and Rovira and Virgili University, in order to bring together and manage biomedical research and innovation in the territory.

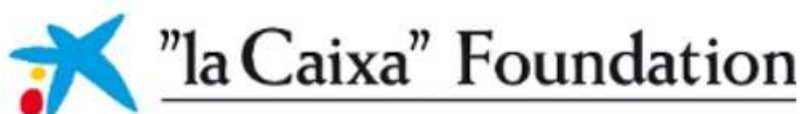
We offer a **collaboration grant** for 4th year undergraduate student of the course 2024-2025.

The Biomedical Research Unit is part of the IISPV, Rovira i Virgili University, and the Sant Joan University Hospital in Reus. The current research lines focus on studying the interconnection between metabolism, oxidation, and inflammation in non-communicable diseases such as cancer, fatty liver disease, and obesity.

The candidate will be part of the team of technicians working in the laboratory. In recent years, we have successfully funded several projects aimed at studying liver diseases associated with obesity and cancer. We have a large number of samples provided by patients, and through their analysis in the laboratory, we generate a vast amount of data that cannot be analyzed with conventional statistical techniques.

The candidate will collaborate in optimizing medical image analysis techniques and in developing bioinformatics tools to facilitate the understanding of results obtained after image analysis.

This collaboration grant is funded by “la Caixa” Foundation, for the project with title “Multi-tissue Lipidomics reveals biomarkers of liver disease in severe obesity and mechanisms associated with dysfunctional adipose tissue”



Number of available positions: 2

CANDIDATE PROFILE

- To be currently in the 4th year of the Biomedical Engineering program.

REQUIREMENTS

- Be a current student of the official degree of the Biomedical Engineering program.
- To have knowledge of Python, R Studio and other programming languages.
- To have knowledge of medical image processing.
- To be familiar with the 3D Slicer software.

IT WILL BE VALUED

- To have completed internships at a hospital.
- To provide experience in a clinical research environment.
- Continuous Learning Ability
- Tasks flexibility and Versatility
- Quick adaptability

LABOUR CONDITIONS

- Type of working day: Half time (between 13h/week – 20h/week).
- Workplace: Laboratoris de Recerca de l'IISPV at the Hospital Universitari Sant Joan de Reus.
- Contract: Collaboration Grant for the project "Multi-tissue Lipidomics reveals biomarkers of liver disease in severe obesity and mechanisms associated with dysfunctional adipose tissue", funded by la Caixa (Ends on May 31, 2025).
- Gross Salary: 400 - 500€/month
- Starting date: February 2025

SELECTION PROCEDURE

- Selection of CV's. Suitable and unsuitable CV's will be identified according to the requirements. Applicants who do not meet the requirements indicated in the candidate profile and requirements will not pass to the next phase.
- Evaluation of the CV. Evaluation of the CVs up to a maximum score of **30** points.

- Cover Letter. Attach to the resume a cover letter with a maximum length of 2500 characters with spaces. With a maximum score of **10** points.

To access the interview phase it is necessary to have obtained a minimum score of **25** points in the sum of scores of the evaluation of the curriculum and cover letter

- Personal interview. With a maximum score of **60** points.

Items	60
Attitude	10
Fit in the work place	15
Experience, developed functions/skills	20
Teamwork	15

The selected candidate must obtain a minimum score of **85** points in all phases of the selection process.

SELECTION COMMITTEE

- President: Dr. Jorge Joven (Director de la Unitat de Recerca Biomèdica IISPV)
- Chair 1: Alina Iuliana Onoiu (Tècnic laboratori predoctoral)
- Chair 2: Andrea Jiménez Franco (Tècnic laboratori predoctoral)

SUBSTITUTES:

- President: Dr. Jordi Camps (Coordinador de la Unitat de Recerca Biomèdica IISPV)
- Chair 1: Dr. David Parada Domínguez (Pathologist, PhD)
- Chair 2: Dra. Mertixell Arenas Prats (radiation oncology unit, head of service)

CANDIDATURES

- The CV must include the number in DNI / NIE or personal identity document.
- Send the CV and the Cover Letter through the IISPV website.

For any questions or queries: recruitment@iispv.cat

DEADLINE FOR RECEIPT OF CV: 22/01/2025

COMMUNICATIONS

The IISPV will inform the candidates if they have been admitted or excluded to access the interview through its website.

HR EXCELLENCE IN RESEARCH

The IISPV has the European accreditation The Human Resources Strategy for Researchers (HRS4R), complies with the general principles of the European Charter for Researchers and the Code of Conduct for the recruitment of researchers.

The IISPV has an internal recruitment policy that follows the Open, Transparent and Merit-based Recruitment (OTM-R) policies. More information about the HRS4R policies implemented at the IISPV is available on the following website: <https://www.iispv.cat/hrs4r-hr-excellenceresearch/>

The IISPV will guarantee the right to equal opportunities and treatment, as well as the real and effective exercise of rights by people with disabilities under equal conditions with respect to 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 international treaties and agreements ratified by Spain.

In the event of a tie, priority will be given to hiring the person with a disability.

In the event of a tie between people of different genders, the person of the least represented gender in the work group/department/service in which he joins will be hired.