

## INTERNATIONAL CALL IC29\_25

### METABOLOMICS RESEARCH SCIENTIST (CPP2022-010039 HARMONI)

#### 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.

The Metabolomics Interdisciplinary Laboratory group (MIL@b, 2021 SGR 00842) is aimed at advancing scientific and technological knowledge in metabolomics. MIL@b is co-lead by Dr. Maria Vinaixa and Dr. Oscar Yanes and it is integrated by 20 scientists including full and associate professors, PhD students, post-doctorate researchers and technical staff who are affiliated to the Department of Electronic, Electrical and Automatic Engineering DEEEiA at Universitat Rovira i Virgili (URV) and to the Institut d'Investigació Sanitària Pere Virgili (IISPV). These scientists pull together all necessary backgrounds to conduct frontier research in metabolomics. Our vision is to apply engineering and technology principles to understand metabolism from a systems perspective helping to move forward precision and personalized medicine. Our main research activities focus is twofold: developing cutting-edge technologies to turn metabolomics into a functional genomics tool and deploying such technologies to the study of non-communicable multigenic and multifactorial diseases such as diabetes and cardiovascular diseases.

Number of available positions: 1

The selected candidate will perform the following tasks:

- Metabolomics laboratory management
- Metabolomics data acquisition
- Metabolomics data analysis

## **CANDIDATE PROFILE & REQUIREMENTS**

- Bachelor's degree (diploma or bachelor's degree), in the field of chemistry, biochemistry, biotechnology
- Complementary training related to bioinformatics, or statistics
- Competence and experience with metabolomics analytical platforms (MS and/or NMR)
- R programming skills
- Speaking and written English skills

## **IT WILL BE VALUED**

- Teamworking, independent thinking, ability to work independently, organisation, friendliness, dynamism, versatility, rigour, responsibility and confidentiality.
- Carry out research under supervision
- Previous experience in metabolomics and metabolomics data analysis
- Have demonstrated the ability to produce data under supervision

## **LABOUR CONDITIONS**

- Full-time position
- Workplace: 242 Lab- DEEEiA (ETSE-URV)
- Contract: Indefinite scientific-technical (linked to the MIL@b del DEEEiA group funds, aprox: 6 months)
- Gross annual salary: 22.000 – 23.000 €
- Starting date: May 2025

## **SELECTION PROCEDURE**

- Selection of CVs: Suitable and unsuitable CVs will be identified according to the requirements. Applicants who do not meet the requirements indicated in the point profile of the person and requirements will not move on to the next phase.
- Evaluation of the CV: up to a maximum score of 50 points.
- Cover letter: Attach to the CV a letter of motivation 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 35 points in the sum of the scores of the assessment of the CV and motivation letter.

- Personal interview. With a maximum score of 40 points.

Items	40
Attitude	10
Fit in the workplace	5
Experience, functions developed/skills	20
Teamwork	5

The selected person must have obtained a minimum score of 70 points in the sum of the scores of the assessment of all phases of the selection procedure.

### SELECTION COMMITTEE

- President: Maria Vinaixa (Group Leader)
- Chair 1: Nuria Amigó (Principal Investigator)
- Chair 2: Oscar Yanes (Principal Investigator)

#### SUBSTITUTES:

- President: Pere Ràfols. (Principal Investigator)
- Chair 1: Xavier Correig. (Professor Emeritus)
- Chair 2: Jordi Capellades (Post-doctoral Researcher)

### CANDIDACIES

- The CV must include the DNI/NIE number or personal identity document
- Send your CV and Cover Letter through the IISPV website  
<https://www.iispv.cat/treballa-amb-nosaltres/>

For any questions or queries: [recruitment@iispv.cat](mailto:recruitment@iispv.cat)

## **DEADLINE FOR RECEIPT OF CV 07/05/2025**

## **COMMUNICATIONS**

The IISPV will inform candidates through the website if they have been admitted or excluded from accessing the interview.

## **HR EXCELLENCE IN RESEARCH**

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 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 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 they join will be hired.

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.

## **CHANGE CONTROL**

Date	Review	Modifications
------	--------	---------------

03-07-24	00	Document creation