



The Pere Virgili Institute (IISPV) is a public sector institution that promotes and develops the research of the Hospital Universitari of the Tarragona Joan XXIII, the Hospital Universitari Sant Joan de Reus, Hospital Tortosa Verge de la Cinta, the mental health Pere Mata Institute and the Universitat Rovira i Virgili.

Job title: Collaboration grant in Environmental Health

Organisation and recruiting unit: Metabolomics Interdisciplinary Lab

**JOB DESCRIPTION**

Researcher career profiles (R1-R4): R1

Education and qualification: Degree an in chemistry, biochemistry or related studies.

Competencies: We offer full time collaboration grant for a PhD student of the course 2021-2022. The position is held in the benchmark of the ECHOES project (Epigenetic and Metabolic Alterations Associated to Early Childhood Exposure to Air Pollution and its Role in Later Life Chronic Disease) awarded by La Caixa Foundation Social Research call (ref. LCF/PR/SR19/52540002). The main objective of ECHOES is to investigate the possible social inequalities in children regarding their exposure to air pollution, the role of this exposure in children's health and its possible impact in later life chronic disease development.

The selected candidate will perform the following tasks:

1. Development and validation of analytical methods for the determination of airborne pollutants and their metabolites in environmental and biological samples based on gas and liquid chromatography coupled to mass spectrometry.
2. Active participation in the monitoring campaigns.
3. Sampling handling, reception and preprocessing.
4. Analytical results processing and interpretation.
5. Writing of scientific papers.
6. Participation in social engagement and outreach activities.
7. Results dissemination in scientific conferences and workshops.

Knowledge and professional experience:

- Development of analytical methods for determining target compounds in environmental and/or biological samples
- Gas and liquid chromatography and mass spectrometry
- Excellent written English skills
- Team working.
- Motivation for the proposed research topic.

Number of available positions: 1

**Labour conditions:**

Full-time position (37.5 h/week)

Starting date: October 2021

Lenght of the contract: 1 year

Gross annual salary: 13,800 €

Workplace: Department of Electronic Engineering-Universitat Rovira i Virgili

**Application procedure and deadline:**

Applicants should submit a full Curriculum Vitae, academic record and a motivation letter with the reference IC34\_21 to the following email address: [recruitment@iispv.cat](mailto:recruitment@iispv.cat) before September 29th, 2021.



HR EXCELLENCE IN RESEARCH  
In 2015 the IISPV obtained the European HR Accreditation and official seal on HR Excellence, as well as the approval of the 2015 Action Plan by the European Commission. This recognition demonstrates that the IISPV complies with the general principles of the [European Charter for Researchers](#) and the Code of Conduct for the Recruitment of Researchers (Charter and Code), and gives full support to its commitment to the improvement of policies and internal procedures.

## OTM-R: Open, Transparent and Merit-based Recruitment (OTM-R)

Policy equal opportunities IISPV ([www.iispv.cat/en\\_hr\\_excellence\\_in\\_research.html](http://www.iispv.cat/en_hr_excellence_in_research.html))

### Contact Details:

Human Resources. Institut d'Investigació Sanitària Pere Virgili. [curriculum@iispv.cat](mailto:curriculum@iispv.cat)

The recruitment will be carried out in accordance with the provisions of article 15 of Royal Legislative Decree 1/1995, of March 24, which approves the revised text of the Workers' Statute Law, in accordance with which has the art 2 of Royal Decree 2720/98, of December 18 (O. of January 8, 1999), Law 12/2001, of July 9 (O. of July 10) and concordant provisions.

The principle of equal treatment for men and women, in accordance with article 14 of the Spanish Constitution, is taken into account, Directive 2006/54/EC of the European Parliament and the Council and the provisions of Organic Law 3/2007, of March 22, and Law 17/2015, of July 21, for the effective equality of men and women.

The universal accessibility of people with disabilities is considered in accordance with Legislative RD 1/2013, of November 29, which approves the Revised Text of the General Law on the rights of people with disabilities and their inclusion social, making special reference to articles 35 and following where the guarantees of the right to work are regulated.