

MSCA-PF: Expression of Interest

1. European Postdoctoral Fellowships

Purpose

- Support excellent researchers of **any nationality** who want to conduct research in Europe or move within Europe.
- Enhance scientific excellence, mobility, and acquisition of new skills through advanced training.
- Improve talent and facilitate knowledge transfer across Europe.

Mobility & Eligibility

- Supported fellows must be **postdoctoral researchers** at the date of the call deadline.
- At the call deadline, researchers must have a **maximum of 8 years** full-time equivalent experience in research, measured from the date of award of the doctoral degree.
- Researchers must comply with the **mobility rule**: they must not have lived or worked in the host country for more than 12 months in the last 36 months before the call deadline.
- Researchers can be of **any nationality**.

Duration

- 12 to 24 months hosted in an EU Member State or Horizon Europe Associated Country.
- An **additional period of up to six months at the end of the project** can be awarded to researchers who will spend that period in a non-academic organisation established in an EU Member State or Horizon Europe Associated Country.

Impact for Fellows

- Improved research and transferable skills.
- International, inter-sectorial and interdisciplinary experience
- Stronger employability inside and outside academia.
- Broader networks and enhanced communication skills.

Allowance

There are two types of contributions:

- a) Contributions for the recruited researcher (per person-month)
- **Living allowance: 6350€** (minus all compulsory deductions under national legislation).
 - **Mobility allowance: 710€**. This allowance covers their additional, private mobility-related costs (e.g. travel and accommodation costs).
 - **Family allowance: 660€**. If the postdoctoral researcher has or acquires family obligations during the action duration
 - **Long-term leave allowance: 7060€ * % covered by the beneficiary**. This allowance contributes to the personnel costs incurred by the beneficiary in case of the researcher's leave, including maternity, paternity, parental, sick or special leave, longer than 30 consecutive days.
 - **Special needs allowance: Requested unit * (1/number of months)**. This allowance contributes to the additional costs for the acquisition of special needs items and services for researchers with disabilities
- b) Institutional unit contribution (per person-month)
- **Research, training and networking contribution: 1000€**. This should cover, for example, costs for training and networking activities that contribute directly to the researchers' career development.

A country correction coefficient (CCC) applies to the living allowance to ensure equal treatment and purchasing power parity for all researchers. For Spain, the CCC is **94.2%**.

For more information, you can access the full work programme [here](#).

2. Brief description of IRB CatSud

The Institut de Recerca Biomèdica Catalunya sud (IRB CatSud) is an institution that integrates research in the field of biomedicine in the Camp de Tarragona and the Terres de l'Ebre. IRB CatSud 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.

Seu Reus:

Hospital Universitari Sant Joan de Reus
Avda. Josep Laporte, 2
Planta 0 - E2 color taronja
43204 (Tarragona)

Seu Tarragona:

Parc Sanitari Joan XXIII
C/ Doctor Mallafre, 4
Edifici IRBCatSud
43005 (Tarragona)

The research we lead aims to answer relevant questions related to the health of the population through the scientific method, the most advanced technology and the talent of the people who work in our teams. We listen to patients, we look for strategies to develop our projects, we seek financing to carry them out and, finally, we transfer the results achieved to society by promoting spin-offs or medical devices that we patent.

IRB CatSud and the research groups that belong to it have enormous international prestige. We are part of the CERCA institution (Institution of Research Centers of Catalonia Foundation (I-CERCA) of Catalonia).

For more information about our Institute, visit the following website:
<https://www.iispv.cat/en/>

3. Short presentation about the group and research lines

Lipid and Arteriosclerosis Research Unit and Vascular Medicine and Metabolism Unit (URLA-UVASMET)

The URLA-UVASMET is an IRB-CatSud research group with more than 30 years' experience in the study of lipid and lipoprotein metabolism and cardiovascular disease. Its core feature is the combination of basic and clinical science with cutting-edge biotechnological solutions. To maximize our scientific and educational potential we are organized as The Reus Lipid R+D+I Cluster (LIRIC). The core of LIRIC consists of three main nodes located in Reus: The Clinical Node at the University Hospital of Sant Joan, the Basic Research Node at Rovira i Virgili University, and the Metabolomics and Artificial Intelligence Node at the company Biosfer Teslab. Please visit <https://www.reuslipidcluster.com/> to know more about us.

Our current research lines are:

- Familiar Hypercholesterolemia and primary dyslipidemias (metabolic and genetic characterization, evaluation of sub-clinical atherosclerosis and clinical assays)
- NMR metabolomics applied to biomarker discovery in lipoprotein metabolism, diabetes and residual risk
- Cardiovascular risk in rheumatological and autoimmune diseases (miRNAs, lipoprotein profile, etc)
- Characterization of ectopic fat in non-adipose tissues (Diabetic Cardiomyopathy or Non-Alcoholic Fatty Liver Disease (NAFLD))

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**IRB^R**
CatSudInstitut
de Recerca
Biomèdica
Catalunya Sud

More information: <https://www.iispv.cat/en/grup/unitat-de-recerca-en-lipids-i-arteriosclerosi-urlla/>

Candidate profile

We seek a motivated postdoctoral researcher with a PhD in biomedical or computational life sciences, strong expertise in lipid metabolism or cardiometabolic disease, and experience in molecular and/or omics technologies. The candidate should be comfortable working in a translational environment integrating clinical cohorts, mechanistic studies, and AI-driven data analysis. The aim is to provide the LIRIC research environment to foster the fellow's career development while integrating the new expertise and perspectives brought by the candidate, which will in turn contribute to strengthening and expanding the scientific potential of our research.

Supervisor profile

Supervision within the unit typically integrates clinical, basic, and technological expertise. In this case, the fellow will be jointly supervised by the core leaders of LIRIC, ensuring a multidisciplinary mentoring environment.

- Clinical supervisor: Dr. Daiana Ibarretxe (Internal medicine, lipidology) (ORCID: 0000-0002-5442-1930)
- Basic science supervisor: Prof. Josep Ribalta (Biology) (ORCID: 0000-0002-8879-4719)
- Omics technologies supervisor: Dr. Núria Amigó (Physics, Statistics) (ORCID: 0000-0002-0116-9145)

If you are interested in this opportunity, send your expression of interest to upi@irbcatsud.cat, indicating the MSCA-PF + research group in the subject.