

**OPEN POSITION
POSTDOCTORAL RESEARCHER
REF. FIMIM 2493-CELIÀ**

THE INSTITUTE

The IMIM is the research institute of Hospital del Mar (BARCELONA) and part of the Barcelona Biomedical Research Park (PRBB). This is an exceptional environment in which to carry out translational research, with cutting-edge technological platforms available (cytometry, animal facility, microscopy, etc.) as well a close relationship with Hospital del Mar. Access to patients and samples makes it possible to directly apply the most relevant scientific advances.

POSITION

This position is part of the Research Programme for recruiting young jobseekers who wish to become involved in research and innovation initiatives, within the framework of the Recovery, Transformation and Resilience Plan, for the year 2022 (DOGC no. 8598-3 /2/2022).

OFFER

- **Postdoctoral position** in the Cancer stem cells and metastasis dynamics research group (<https://celiaterassalab.com/>), led by Dr. Toni Celià-Terrassa.
The Celià-Terrassa's Lab focuses on breast cancer metastasis research. In particular, the lab investigates the molecular mechanisms regulating cancer stem cells (CSCs) properties and their interplay with the metastatic microenvironment. In addition, the lab aims to unveil the mechanisms underlying metastasis, cellular plasticity (i.e., EMT/MET) and immunotherapy resistance, as a major challenge to efficiently target breast cancer metastasis. The ultimate goal is to translate these findings into clinical benefit for breast cancer patients.
- **24 months** employment contract.
- Remuneration of **24,300€ gross salary per year**.
- **Flexibility measures**, contemplated in the IMIM Foundation labour regulation, will be assessed with the person in charge.

CANDIDATE REQUIREMENTS

- ✓ PhD in any of the following areas: life sciences, biomedicine, bioinformatics or bioengineering.

- ✓ Different profiles will be valued in reference to experience in molecular and cell biology, animal experimentation, bioinformatics, and knowledge in areas related to cell biology and cancer.
- ✓ At the time of hiring, the candidate will have to prove that they are under 30 years of age.
- ✓ At the time of hiring, the candidate must be unemployed and will have to be registered as a job seeker in the Servei Català d'Ocupació de Catalunya (SOC).

THE PROJECT

The project is part of the line of research of breast cancer metastasis, cellular plasticity and resistance to immunotherapy. Our group is working to understand key factors for sensitizing tumors to immunotherapy using specific and directed mRNA technologies. We also focus on dissecting the resistance mechanisms generated by the microenvironment of the different metastatic organs in order to reverse such resistance in breast cancer. Our research encompasses discoveries of new basic concepts to translational research with direct clinical and innovation applications.

PRESENTATION OF CANDIDATES

Anyone interested in this offer must present a **cover letter** and **blind CV**, which should contain only information related to the candidate's academic, educational and employment data, as well as contact information.

You can submit your application a: <https://www.imim.es/ofertes/detall-oferta-temporals.html?id=2090>

For more information:

acelia@imim.es

<https://celierrassalab.com>



Plan de
Recuperación,
Transformación
y Resiliencia



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