

BORSA DE CURRÍCULUMS VITAE
for PhD Position in Molecular Cancer Therapeutics
Deadline to Apply: January 15th, 2025

Ref. 2503 – ROVIRA

OFFERS:

We are seeking a motivated PhD candidate to apply for a **PFIS grant (Predoctoral Training in Health Research)** and join the Molecular Cancer Therapeutics group at the Hospital del Mar Medical Research Institute (HMRIB), led by Dr. Joan Albanell, Head of Medical Oncology at Hospital del Mar. As part of CIBERONC and funded by the Generalitat de Catalunya, our group focuses on translational breast cancer research to identify drug-response biomarkers and develop innovative therapies.

The candidate will work on the **FIS project** (Fondo de Investigación en Salud): "Preclinical and clinical characterization of LCOR and Hippo signaling pathways in resistance to anti-HER2 therapies" (PI24/00192), coordinated by Dr. Albanell, with collaborators Fundación Jiménez Díaz (Dr. Federico Rojo) and Hospital Clínico de Valencia (Dr. Bermejo). **The project focuses on overcoming resistance to anti-HER2 therapies, including monoclonal antibodies and antibody-drug conjugates (ADCs), in HER2-positive breast cancer.** It aims to explore the potential of LCOR therapy and Hippo pathway modulation to inhibit tumor growth, improve treatment effectiveness, and enhance tumor sensitivity to immunotherapy.

Requirements of the candidatures

- ✓ Master's degree (completed June–September 2025), GPA 8+ (10-point scale).
- ✓ Eligible for doctoral admission after the summer of 2025.
- ✓ Research experience in cell culture, flow cytometry, animal experimentation, and cancer immunology is highly valued.
- ✓ Passion for science is essential.

PROJECT:

FIS project (Fondo de Investigación en Salud): Preclinical and clinical characterization of LCOR and Hippo signaling pathways in resistance to anti-HER2 therapies" (PI24/00192), coordinated by Dr. Albanell, with collaborators Fundación Jiménez Díaz (Dr. Federico Rojo) and Hospital Clínico de Valencia (Dr. Bermejo).

For more information and to submit your curriculum vitae, contact:

How to apply:

Submit a single PDF with your cover letter and CV to:

Contact: Ana Rovira

Email: arovira@researchmar.net

Phone: 93 316 0596

Deadline for submission of CV: January 20th, 2025

On this date, the institution will review and rank candidates for the PFIS grant application. Only those prioritized can proceed with the official submission.

To meet this deadline, please contact us by **January 15th**, 2025, to Schedule interviews and complete the selection process. Thank you for your prompt response.