PhD Student Position (FPI) in Cancer Metastasis and Diet Research

Research Group: @AlteaManzanoLab

Our research group (PI Patricia Altea-Manzano), based at the *Center for Molecular Biology and Regenerative Medicine (CABIMER)*, is focused on understanding the metabolic and molecular mechanisms behind cancer metastasis, with a specific focus on how dietary components, such as fats, influence the metastatic environment. Our cutting-edge research combines in vivo mouse models, state-of-the-art metabolomics, and molecular biology techniques to explore new therapeutic strategies in cancer.

Role: PhD Student (FPI Program)

We are seeking a highly motivated and dedicated PhD candidate to join our dynamic team as part of the FATPrime project. This project, funded under the "Proyectos de Generación de Conocimiento," aims to explore the metabolic crosstalk between diet-induced changes in lung tissue and cancer metastasis formation. You will work in a stimulating environment alongside experienced researchers and have access to state-of-the-art facilities.

Profile Sought

- **Academic Background**: Master's degree in a relevant field such as Biomedicine, Molecular Biology, Cancer Research, or Biochemistry.
- Knowledge of cancer biology, molecular biology techniques, and mammalian cell culture.
- Excellent communication, very good organizational and teamwork skills
- High degree of motivation, enthusiasm for research, and troubleshooting capacity

What We Offer

- A **fully funded PhD position** under the FPI program.
- The opportunity to work on a cutting-edge research project with significant clinical relevance, addressing breast cancer metastasis.
- Training in a broad range of scientific techniques, including **multi-omics, molecular biology, and in vivo models**.
- Access to advanced research facilities and collaboration with renowned experts in cancer research.
- A highly collaborative and motivated team to support your career development

Application Process

Candidates are encouraged to submit their **CV**, a **motivation letter**, and **contact of two references** by **October 1st** (patricia.altea@cabimer.es). Selected applicants will be invited for an interview.

Join us in pushing the boundaries of cancer research and discovering new therapeutic avenues to improve patient outcomes! For more info visit:

https://www.cabimer.es/en/research-groups/metabolic-regulation-and-signaling-in-cancer/