CANCER EPIGENETICS AND NANOMEDICINE LABORATORY

Call for PhD Fellowship Applications (PFIS-ISCIII)

The Cancer Epigenetics and Nanomedicine Laboratory invites applications for a predoctoral researcher (PhD candidate) to apply for a FPI fellowship (PFIS) associated with a recently funded ISCIII research project (Proyecto I+D+I en Salud, PI25/00562).

Research project: Histone post-translational modifications as novel predictive biomarkers and therapeutic targets in bladder cancer.
This PhD project aims to investigate the role of histone post-translational modifications in bladder cancer progression and treatment response. The ultimate goal is to identify predictive biomarkers and novel therapeutic targets with clear translational potential.

Research group: The **Cancer Epigenetics and Nanomedicine Laboratory**, led by **Prof. Mario F. Fraga**, studies the epigenetic mechanisms underlying cancer development and therapy resistance, combining molecular biology, cancer models and translational approaches. We offer a stimulating, collaborative and international research environment, with access to state-of-the-art facilities and strong support for scientific and professional development.

Candidate profile: We are looking for a **highly motivated candidate** who:

- Holds a degree in **Biology, Biotechnology** or related fields with **academic record above 7.5/10**
- Has **completed a Master's degree, or is currently enrolled in a Master's programme to be completed during the 2025-2026 academic year**
- Meets the PFIS eligibility requirements
- Has interest in epigenetics, cancer biology and molecular research
- Demonstrates autonomy, critical thinking and teamwork skills
- Has a good command of English

What we offer: Full-time **predoctoral contract (PFIS),** excellent framework for doctoral training, personalized supervision, support for publications, conference attendance and career development.

Application procedure:
Interested candidates should send the following documents:

- **Curriculum Vitae (CV)**
- **Academic transcripts** (Bachelor's and Master's)

For further information or to apply, please contact:
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Final award of the contract is subject to the successful evaluation and funding of the candidate under the official PFIS-ISCIII call.