



Universidad de Oviedo
Universidá d'Uviéu
University of Oviedo

**4-Year full-time funded PhD position in *Ovarian Cancer Therapeutics*
(starting early 2027)**

Overcoming cisplatin resistance in ovarian cancer through gold-based therapies and a CyTOF-driven response prediction tool (GOLD-RESIST)

In the laboratory of **Paula Díez**, Department of Functional Biology (immunology area), Faculty of Medicine and Health Sciences, University of Oviedo

We are developing novel gold-based metallodrugs as an alternative to cisplatin for the treatment of ovarian cancer, aiming to overcome the drug resistance that limits current chemotherapy regimens. In parallel, the project integrates single-cell mass cytometry (CyTOF) to characterize tumor and immune cell populations and build a predictive tool capable of anticipating patient response to treatment. This multidisciplinary project involves work in cancer biology, immunology, metallodrug chemistry, and single-cell proteomics/cytometry.

For additional information, please contact Dr. Paula Díez.

We seek highly motivated candidates with excellent academic records and backgrounds in Biology, Biotechnology, Biomedicine, Biochemistry or related disciplines. We require a good academic record (>7.5), a Master's degree in a field related to the research project, and good English. Previous laboratory experience (especially in cell culture, flow/mass cytometry, or oncology research) is valued.

If you are interested, please send a CV, academic transcripts, and a brief statement of research interests to diezpaula@uniovi.es