

Job opening: **Postdoctoral researcher** to join the **GlioProof** project.

Who are we?

The **tumor microenvironment lab**, part of ONCOMET (www.oncomet.es), at the Health Research Institute of Santiago de Compostela (IDIS), is looking for a postdoctoral researcher to join our team. Our group studies new therapeutic strategies in high grade gliomas based on biophysical strategies, with a particular focus on the immune and non-immune tumor microenvironment. We are located at the University Clinical Hospital of Santiago de Compostela, and we have a daily and fluent connection with the Medical Oncology, Neurosurgery, Radiotherapy and Neuroimaging clinical departments, which makes our research highly translational.

About the project

The **GlioProof** project, funded in the 2024 private-public collaboration call (AEI), will be developed in close collaboration with Batea Oncology (www.bateaoncology.com), a startup developing therapeutic solutions for Glioblastoma patients, as well as with 3 leading hospitals in Spain. The project has a strong clinical orientation, as it aims at **bringing a biomaterial-based therapeutic strategy to a Phase I clinical trial in Glioblastoma patients**. As well, we will perform fundamental/translational research in order to deepen into the mechanisms of action of such biomaterials, as well as in exploring new potential therapeutic combinations.

Your tasks

- Perform 2D/3D in vitro assays with biomaterials, and cellular models, including primary glioma organoids. Developing new potential models.
- Monitor cell behaviour applying flow cytometry, advanced microscopy, RNASeq and proteomic based techniques, among others.
- **Perform in vivo experiments**, including orthotopic glioma models (mice and rats, immunocompetent and immunodeficient), or others. Study the combined effects of biomaterial implants with radiation/chemotherapy or immunotherapies.
- Analyse patient-derived samples (tissue and blood) from patients recruited in the Phase I trial.
- Actively collaborate with other projects in the lab, as well as with national and international partners.

What are we looking for?

- **PhD** in cancer biology, biotechnology, bioengineering or related field.
- Experience with cell culture, primary cell culture/organoids will be an asset.
- Demonstrated experience with animal models. Having an active animal experimentation license is a must.
- Fast learning and able to conduct experiments independently.
- Good writing data plotting skills. Presentation skills will be valued.
- Strong organizational skills, working comfortably in a fast-paced environment.
- Easy-going, collaborative, enthusiastic, proactive person, able to work in multidisciplinary environments.
- Fluent in English, Spanish is an asset but not required.

What do we offer?

- You will be part of a young, dynamic and supportive lab environment.
- The possibility to work on a genuinely translational project, and take an active part on the development of a phase I clinical trial, in collaboration with a startup
- 2 year working contract, competitive salary based on experience.
- Expected starting date: January 2026

How to apply:

- Send to jorge.barbazan.garcia@sergas.es:
 - CV with experience and publications
 - Motivation letter
 - 2 references with contact information
- Deadline to apply: **November 15th 2025**

