

## Prof. M.J. Alonso Lab

**Postdoctoral Researcher** for a project on **nanotechnology for T cell transfection**

**CIMUS, University of Santiago de Compostela**

### Project focus

Development of an RNA-delivery nanotechnology platform in primary human immune cells.

### Requirements

- PhD in an appropriate discipline (Biochemistry, Pharmacy, Biology, Immunology, Biomedical Engineering, Nanomedicine, Materials Science or similar).
- Proven expertise in micro/nanoencapsulation technologies, with a strong focus on polymer- and lipid-based nanoparticle systems for RNA delivery.
- Advanced skills in nanoparticle physicochemical characterization (DLS, NTA, zeta potential, TEM/SEM, encapsulation efficiency) and analytical techniques (HPLC, LC-MS, SEC), plus GMP-compliant manufacturing protocols.
- Experience in RNA transfection/delivery into primary immune cells, including *in vitro* functional assays (flow cytometry, viability/proliferation).
- Excellent scientific writing, presentation skills, and track record of high-impact publications/patents.
- Upper-intermediate level of English or higher, knowledge of Spanish is desirable.

### Funding and Duration

Full-time position. The post is funded for one year with the possibility of extension.

Project funded by the IGNICIA Program of the Galician Innovation Agency of Xunta de Galicia.

**To apply, please send your CV and cover letter to:** [purificacion.dominguez@usc.es](mailto:purificacion.dominguez@usc.es)

Application deadline: 1 February 2026.