Prof. M.J. Alonso Lab
is seeking a highly motivated
Technical assistant 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.

Duties and responsibilities

- Perform isolation and culture of primary human T cells and other immune cells.
- Test RNA delivery systems in cell-based assays and analyze efficiency and safety using basic immunology and molecular biology techniques.
- Maintain accurate experimental records and contribute to the smooth running of the cell culture laboratory.

Requirements

- Degree in an appropriate bioscience discipline (Biochemistry, Pharmacy, Biology, Biomedical Engineering, or similar) or a Higher Technical Degree (FP Grado Superior) in Clinical/Biomedical Laboratory or related fields.
- Hands-on experience in mammalian cell culture, preferably with primary human immune cells and T cells (aseptic technique, expansion, freezing, phenotyping).
- Experience in flow cytometry, viability and proliferation assays.
- Desirable: formulation and physicochemical characterization of RNA delivery systems (e.g. size, PDI, zeta potential, encapsulation efficiency, stability).
- Strong organizational skills, attention to detail in experimental documentation and ability to meet deadlines.
- Upper-intermediate level of English or higher.

Funding and Duration

Full-time position. The post is funded for one year with the possibility to be extended.
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
Application deadline: 1 February 2026.