

ERC-funded post-doctoral position - Ribosome function in Schwann cell myelination

The **Gene Regulatory Control in Disease** group at **CIMUS/University of Santiago de Compostela** (International Campus of Excellence), Spain is seeking to recruit a motivated individual to fill a postdoctoral position on the regulation of **mRNA translation in Schwann cell biology and pathology**.

The laboratory investigates gene regulatory mechanisms in Schwann cell biology with a particular focus on demyelinating disorders, cancer and nerve repair. The successful candidates will be integrated in a multidisciplinary team comprising computational, molecular and cellular biologists

You will use cutting edge approaches such as Cryo-EM, TRAP-seq, Ribo-seq and ribosome profiling, ATAC-seq, ChIP-seq, and CLIP-seq. This ERC funded position will use these approaches to discover how ribosomal function is regulated in Schwann cells during development and in pathological conditions.

Minimum qualifications

We are looking for exceptional candidates with a recent PhD in biomedical-related sciences, a record of productive research, and the ability to work independently as well as in collaborative research efforts.

Preferred qualifications

A strong background in **protein and RNA biochemistry and molecular biology**, and a keen interest in the ribosome and biophysical and kinetic methods and/or computational biology are highly desirable. Excellent verbal and written communication skills are required.

Application instructions:

Interested applicants can send a short description of research interest, a curriculum vitae and letters of reference to **Dr Ashwin Woodhoo**, ashwin.woodhoo@usc.es