



12. MSCA-PF 2026 in MitoPhenomics at CiMUS -- University of Santiago de Compostela (Spain)

Host institution:

Centre for Research in Molecular Medicine and Chronic Diseases (CiMUS)
University of Santiago de Compostela
María de Maeztu Unit of Excellence

Research field: Mitochondrial Biology / Metabolism / Cell Signaling / Cancer

Position type: MSCA Postdoctoral Fellowship 2026

CiMUS is seeking candidates interested in developing an MSCA-PF 2026 proposal with the **MitoPhenomics Lab** ([MitoPhenomics Lab](#)), led by Dr. Aurora Gómez Durán. The lab investigates how mitochondrial phenotypic variation shapes metabolism and cell signaling in health and disease, combining genetics, bioenergetics and multi-omics in cell systems, animal models and population cohorts.

The fellow will benefit from a highly international environment within a María de Maeztu-accredited centre, with full institutional and scientific support for MSCA proposal preparation.

Profile sought: Candidates with backgrounds in mitochondrial biology, metabolism, genetics, bioenergetics, cell signaling, cancer biology, rare diseases, or multi-omics approaches. Open to discuss new ideas aligned with the group's research lines.

What do we offer

Scientific environment and research support

- Research focus: Mitochondrial phenotypic variation, mtDNA and nDNA interactions, metabolism, stress responses, mitochondrial disease, and oncogenesis.
- Environment: International and interdisciplinary CiMUS setting with expertise in molecular mechanisms, metabolism, and translational biomedical research.
- Infrastructure: Genetics, cell biology and bioenergetics platforms, multi-omics approaches, animal models, and access to translationally relevant cohorts and systems.
- Project profile: Mechanistic and translational research on mitochondrial variability with implications for rare mitochondrial disorders, cancer, and personalized medicine.

MSCA Postdoctoral Fellowship application support

- Full support for the preparation of a competitive Marie Skłodowska-Curie Postdoctoral Fellowship proposal.



- Close and structured scientific mentoring throughout proposal development, covering research design, methodological approach, proposal structure, excellence, impact, and implementation sections.
- Institutional and administrative support to assist with eligibility checks, ethics, and submission procedures.

Career development and training

- A high degree of scientific independence to develop and expand your own research ideas within CiMUS.
- Opportunities to build a strong international research network and reinforce your academic and professional profile.
- Access to specialized training in advanced experimental techniques, omics data analysis, modelling, and interdisciplinary methodologies.
- Exposure to a highly focused translational research environment, enhancing career prospects both within and beyond academia.

How to Apply

Interested candidates are invited to carefully read the [MSCA Postdoctoral fellowship](#) eligibility rules, and to send, before May 31st 2026, to cimus@usc.es the following documents:

- A CV including a complete publication list
- A brief statement of research interests (maximum 1 page)
- Contact details for 1-3 referees