



11. MSCA-PF 2026 in DNA Repair and Genome Integrity 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: DNA Repair / Genome Stability / Cell Cycle / Cancer Biology

Position type: MSCA Postdoctoral Fellowship 2026

CiMUS is seeking candidates interested in developing an MSCA-PF 2026 proposal with the **DNA Repair and Genome Integrity** ([DNA Repair and Genome Integrity](#)), led by Dr. Miguel González Blanco. The group studies how cells coordinate DNA damage repair with DNA replication and chromosome segregation, using biochemistry, yeast genetics and mammalian cell biology to understand genome maintenance mechanisms.

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 DNA repair, genome stability, chromosome biology, molecular biology, cell cycle regulation, biochemistry, yeast genetics, or cancer biology. Open to discuss new ideas aligned with the group's research lines.

What do we offer

Scientific environment and research support

- Research focus: DNA damage repair, genome integrity, DNA repair nucleases and helicases, and regulation of repair enzymes by cell cycle and checkpoint pathways.
- Environment: International and collaborative CiMUS setting with strong expertise in molecular mechanisms and cancer-related research.
- Infrastructure: Biochemistry and molecular biology laboratories, yeast genetics platforms, and mammalian cell biology approaches for mechanistic research.
- Project profile: Mechanistic, hypothesis-driven experimental research on genome maintenance and its relevance to disease and cellular homeostasis.

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