



6. MSCA-PF 2026 in Metabolic Homeostasis and Vascular Calcification 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: Cardiovascular Biology / Metabolism / Ageing

Position type: MSCA Postdoctoral Fellowship 2026

CiMUS invites expressions of interest for MSCA-PF 2026 hosting within the **Metabolic Homeostasis and Vascular Calcification (METABOL)** group, led by Dr. Ricardo Villa. The group investigates the molecular mechanisms driving vascular calcification, with a focus on phosphate and pyrophosphate homeostasis in ageing, diabetes, chronic kidney disease and rare accelerated ageing syndromes.

Profile sought: Researchers interested in metabolism, ageing and cardiovascular disease mechanisms. Open to discuss new ideas.

What do we offer

Scientific environment and research support

- **Research focus:** Metabolic regulation and molecular mechanisms of vascular calcification
- **Environment:** Internationally recognized CiMUS laboratory in vascular and ageing biology
- **Infrastructure:** Cellular and molecular models of vascular smooth muscle cells, mineral metabolism assays.
- **Project profile:** Mechanistic research with translational relevance for cardiovascular and ageing-related diseases.

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 the 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 **highly focused translational research environment**, enhancing career prospects both within and beyond academia.



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How to Apply

Interested candidates are invited 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