



1 Open Postdoctoral position

Funded by MICIU/AEI and the European Union, the project **CALYPSO** is looking to recruit a post-doctoral researcher to work on the **development of intracellular delivery tools based on cell membrane-localized magnetic heating**. The host group is the Bionanosurf (Biofunctionalization of nanoparticles and surfaces) group at the [Institute of Nanoscience and Materials of Aragon](#), INMA (Zaragoza, Spain), which has been recently recognized as Severo Ochoa Center of Excellence.

Description: We are looking for a motivated post-doctoral researcher with a **background in Biology, Biochemistry or Biology**, to complement the multidisciplinary team of chemists, physicists, biologists and biotechnologists at Bionanosurf, working on the development of nanomaterials for sensing and therapeutic applications.

The ideal candidate will have the following skills and qualifications:

- A PhD degree in Biology, Biochemistry or related fields
- Experience in cell culture work (flow cytometry, cell viability, molecular biology) and fluorescence microscopy
- Capacity to organize and conduct independent research and supervise undergraduate students
- Previous knowledge or experience regarding nanomaterial-cell interactions and/or magnetic hyperthermia is a plus
- Proficient oral and written communication abilities in English (> B2, ideally C1)

The initial position is available for 18 months full-time, starting in September-October 2024 (with possibility of extension, depending on funding availability). However, the selected candidate will be strongly encouraged and supported to apply for their own funding (e.g., through a Juan de la Cierva or Marie Skłodowska-Curie fellowship).

Contact: Interested candidates should send their application containing a brief CV (maximum 3 pages) and one-page Letter of Interest to Dr Raluca Fratila (rfratila@unizar.es) before **June 20th 2024**.



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