

POSTDOCTORAL RESEARCHER IN NANOMATERIALS FOR MEDICAL DEVICES

Are you interested in the development of new nanomaterials for implantable medical devices (IMDs)? If so, you are welcome to enroll as a **Postdoctoral Researcher** in our multidisciplinary team and develop multifunctional magnetic nanocomposites for wireless energy transfer solutions in IMDs. We are seeking a highly motivated **candidate specializing in chemistry, nanotechnology, or material science**. We offer the opportunity to conduct cutting-edge **nanomaterials for nanomedicine and energy and to** collaborate with International **top research institutions** in a dynamic and interdisciplinary research environment.

Join us in advancing novel charge technologies for IMDs!

The position will be based at the Jiangnan University, (Wuhan, China) with research stages at Institute of Materials Science of Barcelona (ICMAB-CSIC) located at Bellaterra, Spain. It will allow working with leading research teams in China and Spain.

Requirements including language skills, if applicable:

- PhD in nanotechnology, material science, chemistry, or related fields
- Strong background in material synthesis and characterization
- Experience in nanoparticle synthesis
- Excellent command of English is essential

Personal skills & others:

- Ability to travel internationally for research collaborations.

Conditions:

Length: 2 years (extendable for 1 additional year)

Salary: 360,000 – 500,000 RMB/year (approximately 46,000 – 65,000 EUR/year), related to merits.

Career development opportunities

How to apply:

By sending your CV and cover letter to pguardia@icmab.es before 31st May, 2025.

About Jiangnan University

Jiangnan University, located in Wuhan, China, is a comprehensive provincial university formed in 2001 through the merger of four institutions. It offers 74 undergraduate programs across 11 disciplines and has 19,821 undergraduates and 2,589 graduate students. The university has 1,405 faculty members, including senior scholars and PhD holders. With a campus of 2,036 acres and advanced research facilities, Jiangnan University excels in fields such as environmental science, materials science, and clinical medicine, with several programs ranked in the global top 1%. The university is known for its strong academic and research capabilities, including notable national and international talent.



About ICMAB

ICMAB – CSIC is a multidisciplinary global reference centre for the cutting-edge research of functional materials for electronics, energy and health which fosters knowledge transfer and it is characterized by its internationalization and its education, inclusion and diversity policies. ICMAB-CSIC is committed to know-how transfer to productive sectors as well as to participate in educational and outreach activities. Since 2016, ICMAB -CSIC has been awarded for three consecutive periods with the Severo Ochoa Centre of Excellence distinction.

ICMAB-CSIC, with over 250 members from 47 nationalities, is a more than three decades old research institute located at the Universitat Autònoma de Barcelona (UAB) campus, surrounded by other research and technological centres and with access to many state-of-the art equipment and scientific facilities. Moreover, ICMAB-CSIC has its own scientific services equipped with the newest scientific instrumentation and with highly specialised technical staff available to the scientific community.