

Predocctoral Scholarship Offer in “Wirelessly controlled Nanomedicine”

We invite you to join our renowned multidisciplinary research team in the exciting field of nanomedicine! We are looking for a highly motivated candidate passionate about research in nanomedicine for a predoctoral fellowship in collaboration between the Institut Català de Nanociència i Nanotecnologia (ICN2) and the Institute of Microelectronics of Barcelona (IMB-CSIC).

- Research Topic: **Wirelessly controlled precision nanomedicine**
- Duration: **4 years**
- Start Date: **15/11/2023**.
- Location: **ICN2 / IMB, UAB Campus, Bellaterra (08193), Barcelona (Spain)**
- Supervision: You will work under the close supervision of experts in magneto-opto-mechanical nanosystems for biomedical applications

Responsibilities:

- Fabrication of nanostructures for externally controlled drug delivery with light and magnetic fields
- Physical-chemical characterization, *in vitro* analysis of the nanostructures response, and participation in potential *in vivo* assays
- Collaborate in the writing of scientific articles and presentations at conferences
- Participate in scientific dissemination activities

Candidate Requirements:

- Bachelor's or Master's Degrees in Nanoscience, Physics, Chemistry, Biomedical Science
- Experience in nanofabrication, nanoparticles synthesis or *in vitro* assays will be valued
- Interest and passion for research in nanomedicine
- Ability to work autonomously and in a team
- Excellent communication and writing skills in English
- Motivation to contribute to the advancement of science and nanomedicine

Benefits:

- Access to cutting-edge facilities and research resources
- Opportunities to present results at scientific conferences
- Collaboration with leading researchers in the field
- Possibility of publishing in high-impact scientific journals

How to apply:

Send the following documents **before 10/15/2023** to josep.nogues@icn2.cat and borja.sepulveda@csic.es:

1. Updated curriculum vitae (CV)
2. Cover letter highlighting interest in nanomedicine and relevant experience
3. Copies of academic records
4. Names and contact information of two academic references

If you dream of making significant advances in nanomedicine and are ready to immerse yourself in an exciting multidisciplinary research journey, we look forward to receiving your application! More information about our research on our websites: [ICN2](http://icn2.cat) and [IMB](http://imb.csic.es).