



Call for Expression of Interest:

Marie Curie Individual Fellowship for post-docs

The Chemical Transducers Group (GTQ) invites PhD researchers to express their interest in writing a Marie Curie Postdoctoral Fellowship application related to one or more of the research topics listed below.

The deadline for the expression of interest is 30th June 2024. The actual deadline for submission of the proposal is 11th September. Please visit the MSCA Postdoctoral Fellowship webpage for more details on what the funding covers and who can apply:

<https://marie-skłodowska-curie-actions.ec.europa.eu/actions/postdoctoral-fellowships>

GTQ is an interdisciplinary group with long experience in the development of sensors and lab-on-a-chip systems based on silicon technologies for the chemical and biological analysis of liquid samples in the biomedical, industrial and environmental fields.

Research topics that we are supporting for new applications:

- 1) Electrochemical paper-based biosensors
- 2) Digital and/or label-free quantification electronic lab-on-a-chips
- 3) Automated microfluidic analytical systems for monitoring applications

Successful candidate will have access to the GTQ lab equipped for electrochemistry and microfluidics and the 1500 m² clean room facility of the IMB-CNM for micro and nanofabrication (find a list of currently available equipment at <https://www.imb-cnm.csic.es/en/micro-and-nanofabrication-clean-room/technology-offer>) and associated labs (packaging, rapid prototyping, electronic circuits assembly, electronic characterization). She/he will be trained in the use of these laboratories and equipment as needed for the development of the proposed research.

Candidate Profile:

We are looking for a motivated researcher with PhD in Physics, Chemistry, Electronics, Micro and Nano technology, or related field. Previous experience in electrochemical sensors, micro-nanofabrication, and microfluidics will be positively valued.

Interested candidates, please send your expressions of interest to cesar.fernandez@csic.es or a.baldi@csic.es

This offer can be found on: <https://www.imb-cnm.csic.es/en/about-center/careers/open-positions>