



JOB OFFER

POSTDOCTORAL RESEARCHER

Starting in October 2023
Contract period: 3-5 years as part of a recently funded European Union research project due to run from 1st January 2024 to 31st December 2028.
Attractive salary and working conditions



INTERFIBIO RESEARCH GROUP

INTERFIBIO is an international research laboratory based at the Universitat Rovira Virgili in Tarragona, Spain



Requirements

We are looking for a postdoctoral researcher with >3 years of experience with the following skills and qualifications:

- Undergraduate degree in chemical / biological sciences
- PhD in chemical / biological science
- Experience in electroanalytical chemistry, especially voltametric and amperometric techniques
- Experience in molecular biology, including polymerase chain reaction
- Experience in working with recombinase polymerase amplification
- Experience in surface chemistry and electrode functionalization and characterization
- Fluent spoken and written English
- Demonstrated track record in the writing of scientific manuscripts
- Desirable to have experience in the preparation of visual graphics



About us

INTERFIBIO's research interests lie in the development of electrochemical and optical biosensors exploiting advances in tailored biocomponents.

Presently, the groups's research work focuses on reducing to practise cost-effective molecular diagnostics for screening and monitoring of disease, as well as on the development of aptamers for application in optical and electrochemical molecular aptamer beacons.

The approaches for molecular diagnostics being developed include parallelised real-time electrochemical next generation sequencing, electrochemical array based primer extension and elongation for multiplexed SNP detection, multiplexed electrochemical miRNA detection and quantitative paper diagnostics as companion tools for the future paradigm of pharmacogenomics and personalised medicine. For more information regarding the group's activities visit our [website](#).

