



PhD position on Immunodiagnostics

The institute

The **Institute for Advanced Chemistry of Catalonia (IQAC)** is one of the research centers of the Spanish National Research Council (CSIC). The Institute is located in Barcelona and it was created in 2007 with the mission to perform research of excellence in Chemical Sciences with the broad goal of improving the quality of life. The general strategy to achieve this mission involves the application of chemical approaches to address and solve societal challenges, mainly those related to human health, the sustainability of chemical processes and products, and the needs for novel materials for different applications. Since its establishment, IQAC has been in a permanent attitude to transfer its knowledge and technology results to the industrial sector.

The research developed at IQAC is organized around two main nodes: **Biological Chemistry** and **Nanobiotechnology** and it is facilitated by a number of Key Enabling Technologies. Considering the objectives pursued, many of the investigations carried out by the Research Groups at IQAC lie at the intersection between nodes.

In addition, our Institute holds a set of scientific and technical facilities run by highly qualified scientists and technical personnel with a solid background and long lasting expertise. These facilities are available not only to IQAC research groups, but also to potential users from both academia and private institutions. In any case, the technical services from IQAC are always wide open to attend any inquiry and to offer their best efforts to find adequate responses to specific needs.

The group

The **Nanobiotechnology for Diagnostics (Nb4D)** group is an interdisciplinary research group in which **chemists, biochemists, pharmacists or biotechnologists**, gather to convert their knowledge and expertise into novel diagnostic methods, antibody-based technologies and revolutionary therapeutic strategies.

Our research is mainly focused in **improving the diagnosis and therapy of infectious diseases** (among others) and the **detection of xenobiotics and pollutants** in the fields of Food Safety and Environmental Monitoring.

<http://nb4d.iqac.csic.es/nb4d/>

The role

The selected candidate will carry out a Doctoral Thesis on Immunodiagnostics, in the framework of a collaborative project and in a multidisciplinary context.

What do we look for?

- **Qualifications**
Master and Degree in sciences related to Chemistry, Biochemistry, Biotechnology or similar
- **Professional experience**
No particular experience is required
- **Competences**
Good English command, strong team-player capabilities, willingness for learning and doing research for improving the quality of life of people.

Working conditions

- **Contract duration: 3 or 4 years**
- Estimated annual gross salary: 22.393 €
- Target start date: 1/12/2022

How to apply?

Those interested may email their **CV** and **motivation letter** to **Francesc Bejarano** at nb4d-projectmanager@cid.csic.es, adding "PhD Position" to the email subject.

Deadline: 31/10/2022