LABORATORY TECHNITIAN for the CUSTOM ANTIBODY SERVICE (CAbS)

The institute

The **Institute for Advanced Chemistry of Catalonia** (IQAC) is one of the research centres 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

CAbS is an antibody production platform created under the umbrella of CSIC and CIBER-BBN. It is located in the Institute for Advanced Chemistry of Catalonia (IQAC) and its activity is devoted to offer a full, integral service of monoclonal and polyclonal antibody production, both for the private sector and other research groups and institutions.

CAbS is part, at the same time, of the Nanobiotechnology for Diagnostics group, a dynamic and multidisciplinar research group with a wide expertise in the development and production of antibodies and biotechnological diagnostic tools.

The role

The selected candidate will be in charge, among others, of:

- Development, production and purification of monoclonal and polyclonal antibodies
- Preparation of buffers and reagents
- Characterization of the antibodies by immunochemical techniques
- Responsible for the proper working of the laboratory and its equipment

What do we look for?

- **Qualifications**
  Degree in Biology, Biotechnology, Pharmacy or related
- **Professional experience**
  No specific previous experience is required
- **Competences**
  It will be positively valued knowledge and/or experience in:

- Working in a laboratory
- Basic characterization techniques (Western Blott, ELISA, Bradfort…)
- Cell culture maintenance
- Development and production of antibodies
- Experimental animals handling

Medium-high English command, ease for the team work, commitment and motivation are other skills we highly appreciate in a candidate.

Working conditions

- **Contract duration**: **Until 31st December 2022, with possibility of extension**
- Estimated annual gross salary: Salary will commensurate with qualifications and experience
- Target start date: 01/03/2022

How to apply?

Those interested may email their **CV** and **motivation letter** to **Núria Pascual** at nuria.pascual@cid.csic.es, adding “Oferta CAbS” to the email subject.

Deadline: 10/2/2022