



## Biology/ Biotechnology/ Pharmacy Degree position for the CUSTOM ANTIBODY SERVICE

**RESEARCH GROUP: Nanobiotechnology for Diagnostics (Nb4D) group**

<https://www.iqac.csic.es/facilities/custom-antibodies/>

**IQAC-CSIC/CIBER-BBN**

*Jordi Girona, 18-26*

*08034-Barcelona*

**POSITION: Biology/ Biotechnology/ Pharmacy Degree at the Custom Antibody Service (CABS)**

### **OFFER:**

- One year contract, renewable on an annual basis.
- We offer the possibility to integrate oneself in a dynamic research group and to obtain a multidisciplinary formation in the chemistry and biomedicine fields.

### **MAIN TASKS:**

- Development of monoclonal and policlonal antibodies
- Medium and Large scale *in vitro* antibody production from hybridoma cells
- Antibody purification
- Immunoreagents conjugation and labeling
- Antibody characterization
- Maintenance of cell cultures
- Development of Immunoassays (ELISA, microarray, biosensor... )
- Work with experimental animals
- Responsible of the SOP and TPM of lab equipment and our clean room.
- Collaboration in the maintenance of the lab and contributing to the common tasks of the custom antibody service and the research group

## **CANDIDATE PROFILE:**

Contact us if you:

- Hold a degree in biology, biotechnology, pharmacy or related area
- Have experience with monoclonal and polyclonal antibody production
- Have experience performing immunoassays
- Have experience with cell cultures
- Have experience with the purification of antibodies
- Have experience in characterization and quantification of proteins and antibodies (Bradford, spectrophotometry, Western Blott...)
- Have experience working with experimental animals
- Are knowledgeable of the English language
- Are a dynamic person, willing to work in a multidisciplinary research group.
- Communication skills will be highly valued

**Applicants should send motivation letter and curriculum vitae no later than the 30<sup>th</sup> November to:**  
Dr. Nuria Pascual, [nuria.pascual@cid.csic.es](mailto:nuria.pascual@cid.csic.es)

*Please indicate "CAbS available position" in the subject of your e-mail.*