

# Sample Preparation Technician

## The Institute

The Institute of Molecular Biology of Barcelona (IBMB) is a research institute of the Spanish Research Council (CSIC) located in the Barcelona Science Park (PCB), which provides an excellent scientific and technological framework. The main purpose of our institute is to promote excellent research and to contribute to fundamental scientific advances across a broad spectrum of life sciences.

Recently, the IBMB has opened a new cryo-electron microscopy platform located in the ALBA synchrotron. This new facility is equipped with a transmission cryo-electron microscope with a direct electron detector for the analysis of biological macromolecules. This is the first equipment of these characteristics installed in Barcelona and will allow to make important progress in biological and biotechnological researches.

## The role

The successful candidate will work closely with the Head of Platform.

Your main responsibilities will be:

- Preparation of samples for visualization
- Implementing new protocols
- Keeping rigorous audit trails of the work carried out, writing and updating documentation
- Recognizing and reporting erroneous protocol outcomes
- Stock and orders management

## About the team

The unit provides highly specialized support in cryo-EM to international researchers and clinicians and conducts strategic development and implementation of the protocols.

## Whom would we like to hire?

### Professional experience

#### Must Have

- You have excellent laboratory techniques
- You are capable of working with computers and common software packages
- You should have excellent knowledge of the Good Laboratory Practices (GLPs) and you should be able to follow it

### **Desirable but not required/ Nice to have**

- You have experience in molecular biology and/or in sample preparation to cryo-EM.

### **Education and training**

- You hold a Lab technician degree and/or a Health Science degree.

### **Languages**

- You hold at least at B2 in English.

### **Technical skills**

- You have advanced MS Office skills
- You perform laboratory tasks following specified methodologies, such as SOPs
- You understand and follow quality procedures to meet the requirements of the quality standards applicable to the workplace
- You understand the internal and external regulatory environment
- You are able to prepare for laboratory tasks using the appropriate scientific techniques, procedures and methods
- You are technically competent in the use of the specified instruments and laboratory equipment, including calibration when necessary
- You must be able to work safely in a laboratory and maintain excellent housekeeping
- You produce reliable and accurate data, and you can keep accurate records of laboratory work undertaken and results

### **The Offer – Working Conditions**

- **Contract duration:** 2-3 years (renewable)
- **Estimated annual gross salary:** Salary is commensurate with qualifications and consistent with our pay scales.
- **Target start date:** June, 2022

All applications must send an email to Pablo Guerra ([pglcri@ibmb.csic.es](mailto:pglcri@ibmb.csic.es)) including the CV.

Deadline: Please submit your application by **January 31st, 2022**.