

Scientific Officer - Protein Expression and Purification Core Facility

Location: Heidelberg, Germany
Staff Category: Supernumerary
Contract Duration: 1 year
Grading: 4 or 5; depending on qualification and experience
Closing Date: 7 November 2019
Reference Number: HD01639

The main goal of the [Protein Expression and Purification Core Facility](#) is to provide support to the EMBL research community regarding all types of experiments related to advanced protein expression, purification and biophysical characterization.

The EMBL Protein Expression and Purification Core Facility is looking for a scientific officer to work on a collaborative project with the group of Dr. Pedro Beltrao from EMBL-EBI. The main goal of the project is to study the functional relevance of phosphosites identified in various protein domains.

Your role

You will be responsible for the expression and purification of recombinant proteins with genetically encoded phosphorylated residues. You will also perform the functional and structural characterization of these phosphorylated proteins using various biochemical and biophysical methods and X-ray crystallography.

You have

The minimum requirement for this position is a suitable degree in biochemistry, molecular biology or in a closely related scientific area. Experience with protein expression and purification methods and a profound knowledge of various chromatographic techniques is essential. Teamwork, good interpersonal skills and the ability to interact with a varied multicultural scientific community are expected. Fluency in English is required.

You might also have

Expertise in working on high throughput approaches would be beneficial. Experience with setting up and refining crystallization screens would be considered a plus.

Why join us

EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation with a very collegial and family friendly working environment. The remuneration package comprises from a competitive salary, a comprehensive pension scheme, medical, educational and other social benefits, as well as financial support for relocation and installation, including your family and the availability of an excellent child care facility on campus.

What else you need to know

We are Europe's flagship research laboratory for the life sciences – an intergovernmental organisation performing scientific research in disciplines including molecular biology, physics, chemistry and computer science. We are an international, innovative and interdisciplinary laboratory with more than 1700 employees from many nations, operating across six sites, in Heidelberg (HQ), Barcelona, Hinxton near Cambridge, Hamburg, Grenoble and Rome.

Our mission is to offer vital services in training scientists, students and visitors at all levels; to develop new instruments and methods in the life sciences and actively engage in technology transfer activities, and to integrate European life science research.

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