

## **Protein Expression, Purification and Characterisation Facility Leader**

The Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) in Dresden, Germany, is a highly renowned and international research institute focussing on cell and developmental biology to address the question how cells form tissues and organs. Currently about 500 employees are working at the institute, where half are from abroad with 53 nations represented. MPI-CBG has twice been awarded the title “Best Place to Work” (Academia and postdocs) by the journal “The Scientist”.

We are offering a position as

Facility Leader (m/f) of the Protein Expression, Purification and Characterisation (PEPC) Facility of the MPI-CBG.

### **Overview**

The Protein Expression, Purification and Characterisation (PEPC) group is a core facility of the MPI-CBG. The facility supports users wishing to express and purify proteins, assisting them from experimental design, cloning, expression, purification through to the final biophysical and biochemical characterization (<https://www.mpi-cbg.de/services-facilities/core-facilities/protein-expression-purification-and-characterization/services/>). To this end, expertise, tools, reagents and equipment are made available to the users by the facility. A staff of currently 4 people are helping approximately 50 users from 19 groups located on the Dresden campus.

### **Main tasks and responsibilities**

We are seeking a highly motivated individual with a strong background in protein chemistry, protein purification and / or protein biophysical characterisation, who is service-oriented and open to collaboration and discussion. The successful candidate will design and implement workflows for the expression, purification and biophysical characterization of mainly recombinant proteins. For biophysical characterisation of proteins, the successful candidate will help / train users in techniques such as circular dichroism, dynamic and static light scattering, and thermophoresis. The Facility Leader is the first point of contact with users wishing to start a project and will give advice about the strategy and purification while typically the project will be carried out by the user supported by the facility staff. She/he will supervise the facility staff, currently consisting of 4 employees (2 PhD scientists and 2 technicians). As part of the biochemistry facility cluster, the successful candidate will interact closely with fellow services and facility leaders of the high throughput screening, antibody and mass spec facilities.

### **Required Expertise**

The candidate should hold a PhD degree and have several years of experience in protein biochemistry. Preferably, the candidate will have a strong background and well documented experience in the biophysical characterisation of proteins and/or protein

structural studies. The candidate should be fluent in English and have excellent people skills with ability to interact with researchers at all career stages (students, postdocs and group leaders) in order to discuss strategy, trouble shoot projects and provide progress updates. The candidate will report to the head of the MPI-CBG Services and Facilities and interact closely with other facility leaders for cross facility workflows (projects involving multiple facilities).

### **Our Offer**

The full-time position is available immediately. The initial contract is for 2 years with the option for extension should both candidate and institute agree. Salary and social benefits will be in accordance with the regulations of the German TVöD Bund (salary agreement for public service employees). We especially encourage women to apply.

*The Max Planck Society is committed to employ more people with disabilities and actively seek their applications.*

Please submit your complete application and CV including a full publication list, brief description of your research interests and accomplishments together with contact details of three referees as a single pdf file via our online application system **stating 2019-Facility Leader-4050** at

**<https://recruitingapp-2443.umantis.com/Vacancies/414/Application/CheckLogin/2?lang=eng>**

until the 11.04.19.

**Max Planck Institute of Molecular Cell Biology and Genetics**  
Pfotenhauerstr. 108,  
01307 Dresden, Germany  
[www.mpi-cbg.de](http://www.mpi-cbg.de)