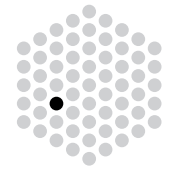


EMBL



The European Molecular Biology Laboratory is searching for Research Technicians. EMBL offers a highly collaborative, uniquely international culture. It fosters top quality, interdisciplinary research by promoting a vibrant environment consisting of young, independent researchers.

Opportunities for Research Technicians

Following Research Technician positions are open at our headquarters in **Heidelberg**, Germany:

FUNCTIONAL GENOMICS

LT/08/50

The Technician will join Dr. Jan Korbel's group in the Gene Expression Unit to work on functional genomics with a focus on genome variation. The research involves molecular biology, genetics and genomics. The post holder will be responsible for molecular biology and genomics experiments. Further, (s)he will provide organisational and technical assistance within the lab and training for new team members.

Applicants should have an appropriate university degree or technical school training or equivalent. Familiarity with new DNA sequencing technologies, tiling micro-arrays, array comparative genome hybridisation and/or chromatin-immunoprecipitation would be an advantage. Familiarity with helping to start a new laboratory will be seen as a plus. The post holder should be able to work independently on own research projects, be communicative and enjoy working in an international team. (S)he should be well-organised, creative and like to accept new challenges.

PROTEIN EXPRESSION AND PURIFICATION

LT/08/46

The Research Technician will work in an interactive environment as a member of a team that supports protein expression and purification at EMBL. (S)he will be responsible for daily operations of the cell culture facility.

Applicants should have an appropriate university degree or technical school training in biochemistry, molecular biology or in a closely related area. Expertise in protein expression using insect and/or mammalian cell cultures is essential for the position.

FERMENTATION TECHNICIAN

LT/08/51

The Technician will run a 1 liter and a 40 liter fermentor for the production and purification of yeast proteins. In addition to the daily, standardised operation of our existing fermentation facility, (s)he is also responsible for establishing quality checks (e. g. microscopy, small scale purifications), optimising conditions for the individual multi-protein complexes, meticulous record keeping in the database and liaising with the collaborating scientists.

Applicants must have completed technical school training or possess a university degree in biological sciences. Candidates are expected to have several years work experience in yeast cell biology or fermentation processes. Knowledge or experience in protein purification or crystallography techniques is a plus. The successful candidate should be motivated and prepared to perform daily organisational tasks. (S)he must be able to maintain effective working relationships with colleagues of various scientific backgrounds working on international projects.

CELL BIOLOGY

LT/08/48

The QuantPro Project Team focuses on the development of new three-dimensional cell culture methods as well as new imaging methods. The Technician will be in charge of the cell culture facility, gels and growth supports testing as well as part of the sample quality control, which includes imaging with confocal fluorescence microscopes as well as the recently developed light sheet based fluorescence microscopes.

The successful candidate should have a Bachelors, Masters or equivalent degree in one of the life sciences or biotechnology. Knowledge in handling cell cultures is essential. Experience in techniques related to molecular biology, biochemistry and microscopy as well as the ability to perform complex experiments are desirable. Good communication skills, basic teaching abilities and capability to work as part of our existing team as well as independently are required.

For our outstation in **Monterotondo** (near Rome), Italy, we have a vacancy for:

SOMATOSENSORY PHYSIOLOGY

LT/08/51

The Research Technician will join the newly established group of Dr. Heppenstall working on somatosensory physiology which concentrates on using genetic approaches combined with electrophysiological and molecular imaging techniques to study sensory neuron function. The successful candidate will be primarily involved in cell culture in the lab as well as molecular biology and routine laboratory duties, e. g. preparation of solutions.

Applicants should have a university degree or technical school training in one of the life sciences. Experience in cell culture is essential and knowledge of molecular biology, microscopy and electrophysiology is desirable. Priority will be given to candidates with experience in mammalian cell culture including mouse ES cells, molecular biology such as site-directed mutagenesis, recombinant protein expression, extraction of DNA/RNA, cloning etc. Good communication and interpersonal skills, excellent organisational skills and the ability to work as part of an international team are required.

EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation. An initial contract of 3 years will be offered to the successful candidate. This can be renewed, depending on circumstances at the time of review.

To apply, please email a cover letter, CV (in English) and contact information of three professional references quoting the corresponding ref. no. in the subject line, to: application@embl.de

www.embl.org