Scientific Officer

The European Molecular Biology Laboratory (EMBL) is a world leader in scientific research and at the forefront in the development of cutting-edge technologies. In particular, exciting single cell genomic methods co-developed by EMBL are revolutionising biological research. The field is advancing at a very rapid and exciting pace to measure multiple parameters from the same single cell (multi-omics) and to study cells in their native in-situ context (spatial-omics).

Eileen Furlong and Rainer Pepperkok are looking for an experienced research scientist who loves developing methods, and would like to expand their skills in genomics and imaging within a highly collaborative, interdisciplinary, cutting-edge environment. The successful candidate will join a team dedicated to developing and refining novel methods in single cell genomics.

Your role

You will work together with a team of scientists to develop and optimise spatial single cell approaches and other single cell genomic methods to advance research throughout EMBL. You will perform hands on experiments, as well as designing and planning experiments for new method development. You will contribute to diverse projects (method developments) in the group, which will involve extensive genomics and microscopy. The successful candidate should be able to work independently, while being an excellent team player and be highly motivated and very well-organized.

You have

EMBL is looking for a scientist with great hands, that can thrive in a highly collaborative, interdisciplinary, cutting-edge environment. Applicants should have a Ph.D. in biological sciences, and extensive research experience. You should have a proven track record in the development, or extensive optimisation and application, of genomic technologies including single cell genomics. For example, a very strong Ph.D. and/or post-doc in any (or multiple) of the following: single cell genomics, imaging, microfluidics, data analysis, molecular biology method development. Excellent communication skills and the ability to drive your own work while collaborating within a team are essential. Fluency in English is mandatory.

You might also have

Experience with working with complex tissues, e.g. embryos, tumours is desirable. Expertise with highly multi-plexed in-situ hybridization (e.g. seqFISH) or immuno-staining is a bonus.

Why join us
This is a fantastic opportunity to work in a new team at the cutting edge of technology development in a very exciting area at a world leading institute. 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 a competitive salary, a comprehensive pension scheme, medical, educational and other social benefits.

**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 1600 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 technologies and instruments in the life sciences, actively engage in technology transfer activities, and to integrate European life science research.

Interviews are planned to take place on **March 13th 2020**.

Please note that appointments on fixed term contracts can be renewed, depending on circumstances at the time of the review.

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