Biostatistician

EMBL
Heidelberg, Germany

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EMBL is an international research organization covering many fields of modern biology. Five Computational Centres provide expertise, advice, and training for scientists across EMBL. We are looking for a statistician or data scientist to Head the EMBL Centre for Statistical Data Analysis.

Your role

Your responsibilities will include:

• Statistical consulting for EMBL researchers
• Teaching short courses on computational statistics / data science in biology
• Collaboration on selected research projects with EMBL research groups

As statistician/data scientist, you will be interested in statistical applications in modern biology, in computational method development for new technologies (single cell ‘omics, imaging, proteomics, microfluidics), in data visualization and data integration, and in method benchmarking and teaching. You will be co-affiliated with the research group of Wolfgang Huber (see https://www.huber.embl.de/).

The position also offers the opportunity to help shape future developments of ‘data science’ in biology, such as publication and communication best practices.

You have

A PhD or equivalent qualification in a quantitative science (statistics, mathematics, computer science, physics) with solid theoretical foundations in probability and applied statistics and some experience in data analysis of modern biological data. As our ideal candidate you should enjoy teamwork and be excited by providing consulting and teaching services at an advanced level in a world-class research environment. Excellent communication skills in written and spoken English are required.
You might also have

Candidates should have a solid understanding of programming concepts and multiple languages, including advanced R. Proficiency with scientific authoring frameworks such as LaTeX, Rmarkdown and HTML5 is 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 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. EMBL has a large thriving community of bioinformaticians, working in close collaboration with experimental scientists and with strong links to other local scientists and institutions.

What else do I 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 instruments and methods in the life sciences and actively engage in technology transfer activities, and to integrate European life science research.

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

Closing Date: 10 March 2019

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