

Senior Technical Officer for Imaging Technologies (CORBEL WP4)



Location: Heidelberg, Germany
Staff Category: Staff Member
Contract Duration: 3 years
Grading: 6 or 7, depending on experience and qualifications
Closing Date: 17 January 2016
Reference Number: HD_00779

Job Description

The European Molecular Biology Laboratory (EMBL) is one of the highest ranked scientific research organisations in the world. The Headquarters Laboratory is located in Heidelberg (Germany), with additional sites in Grenoble (France), Hamburg (Germany), Hinxton (UK) and Monterotondo (Italy).

The CORBEL project aims to establish the operational framework of shared open access services for European scientists between the different European ESFRI Biological and Medical Research Infrastructures (BMS RI), including Euro-Biolmaging. Through distinct use cases - from novel model organisms to genotype-phenotype predictions - the project will shape the joint services in close partnership with pioneer users to establish the framework for transnational open user access across infrastructures. CORBEL has started in September 2015 and comprises 35 partners spread over 11 BMS RIs with a total budget of € 14.8 M.

In this regard, EMBL is seeking a Senior Technical Officer with a strong scientific background in imaging technologies and their applications to biological questions to join the dynamic and international team of Euro-Biolmaging in Heidelberg. As part of the EC-funded project CORBEL, the Senior Technical Officer will develop common service pipelines that will connect existing technology platforms (including high-throughput microscopy, chemical screening, correlative light-electron microscopy, atomic resolution 3D EM, data integration, image data repositories, and others). By setting up and offering a harmonized workflow among these technology platforms as a service, advanced researchers are enabled to address interdisciplinary research projects, which require the usage of more than one cutting-edge technology.

The Senior Technical officer will work in close collaboration with the Advanced Light Microscopy and the Electron Microscopy Core Facilities and the Cell Biology Cell Biophysics Unit at EMBL Heidelberg as well as the Euro-Biolmaging team.

The responsibilities are as follows:

- Development of imaging service pipelines for CORBEL Use Cases by integrating the specific strengths of existing imaging platforms at EMBL and partner institutions in Utrecht and Barcelona
- Support technical staff at service sites of the other BMS infrastructures ELIXIR, INSTRUMENT, EU-OPENSCREEN, ISBE to commonly establish the overall technical framework of Corbel Use Cases for their common portfolio of shared services
- Run first proof-of-concept user projects to test and refine service pipelines
- Identify external proof-of-concept users for accessing common service pipelines
- Preparing, administering and evaluating user access to the shared services from project start up to data analysis for publication
- Dissemination of the portfolio of shared services to the scientific community and engagement with users
- Close collaboration with CORBEL partners in other Use Cases
- Effective and proactive communication on processes and operational outcomes to the CORBEL project management located at EMBL EBI
- Close collaboration with the Euro-Biolmaging team to realize synergies between CORBEL and Euro-Biolmaging operations and future strategy.

Qualifications and Experience

A PhD and research experience in life sciences in a high-paced professional, academic environment and a strong background in imaging technologies and their applications to biological questions is expected. Furthermore, experience in interdisciplinary scientific project management involving consortia of more than one project partner, in a competitive research environment would be beneficial. The successful candidate will prove his/her ability to effectively interact with multiple stakeholders on international and interdisciplinary level, and will be a motivated self-starter to successfully manage project implementation and delivery independently within a multi-disciplinary team environment. Effective multi-tasking and the ability to work with tight deadlines are a must. The candidate needs to have excellent communication and interpersonal skills and the ability to move between the scientific and service level of infrastructure platforms. Fluency in written and spoken English is mandatory.

Application Instructions

Please apply online through www.embl.org/jobs

Additional Information

Successful applicants will be invited for interviews on 2 February 2016.

For further information please visit www.eurobioimaging.eu and www.embl.de.

EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation. The remuneration package comprises a competitive salary, a comprehensive pension scheme and health insurance, educational and other family related benefits where applicable, as well as financial support for relocation and installation. The initial contract is for a period of three years with the possibility of a fixed-term extension.

We provide a dynamic and international working environment. EMBL staff enjoys excellent facilities, a regular shuttle bus to Heidelberg throughout the day, many active sports and social clubs and an attractive working environment set in the forest close to old city of Heidelberg.