

Location: Heidelberg, Germany
Staff Category: Postdoctoral Fellow
Contract Duration: 2 years
Grading: N/A
Closing Date: 15 September 2011
Reference number: HD_00125

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) and the outstations are in Grenoble (France), Hamburg (Germany), Hinxton (UK) and Monterotondo (Italy).

Applications are invited for a two-year ERC funded post-doc position (extendable) to study plant development in the group of Dr. Marcus Heisler. The project's goal is understand the global regulatory network underlying the initiation and differentiation of Arabidopsis lateral organs. The approach will be to 1) apply standard techniques such as FACS/RNA-seq, ChIP-seq and proteomics to assess expression patterns, identify target genes and interaction partners for transcription factors involved in organ development as well as to 2) aid in a collaborative effort to develop single-cell transcriptomics approaches.

Qualifications and Experience

The ability to work independently and take responsibility for his/her own project as well as to work together with an interdisciplinary team is required. The candidate should have a strong background and understanding of molecular biology and gene expression analysis (qPCR/RNA-seq) and preferably also have expertise in bioinformatics methods. Motivation to work in a multidisciplinary and international environment is fundamental to this position. Good communication and presentation skills and fluency in English are expected.

Application Instructions

Please apply online through www.embl.org/jobs

Additional Information

EMBL is an inclusive, equal opportunity employer offering attractive conditions and benefits appropriate to an international research organisation.

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