



MPIMG



The Max Planck Institute for Molecular Genetics Berlin, Department Prof. Lehrach, Group Dr. H. Himmelbauer invites applications for the following open position:

Postdoc Bioinformatics / Computational Biology (TVöD E13 according to German salary scale)

The AnnoBeet project is funded by the German Ministry for Education and Research with the goal to analyse the genome sequence of the crop plant sugar beet (*Beta vulgaris*) with respect to structural variation and gene functions.

The working place will be at the Center for Genomic Regulation (<http://www.crg.es>) in Barcelona/Spain. The contract will be at the Max Planck Institute for Molecular Genetics in Berlin/Germany. The CRG is located at the seafront close to the Olympic harbor and combines excellent science with an inspiring environment in the heart of Barcelona with its cultural attractions, beach and metropolitan flair. The position is initially available for one year.

The successful candidate will pursue projects related to genomic sequencing data. She/he will adapt existing tools or implement new software to assemble high-fidelity genome sequences from wild-derived and from domesticated beets. Data are mainly from the Illumina sequencing platform but also from other technologies which enable the generation of long reads. Assembled genomes will be compared to related genomes to extract and interpret biologically relevant differences.

Requirements: Ph.D. in bioinformatics or related field, solid programming background (ideally experience with developing sequence analysis tools), experience with handling (large) sequencing data sets, knowledge of molecular genetics and understanding of lab methods, knowledge of genome sequencing concepts. Experience with analysis of Illumina sequencing data is a plus.

The group has successfully performed several projects using 454- and Illumina technologies. We recently completed a reference sequence for the sugar beet genome (<http://bvseq.molgen.mpg.de>). We are a multidisciplinary team and offer work in a lively and friendly atmosphere, and state-of-the art computing infrastructure. We are looking forward to expanding our team by a dedicated and strongly motivated person with distinct interest in the challenges of modern sequencing technologies.

The Max Planck Society is committed to employing more handicapped individuals and especially encourages them to apply. The Max Planck Society seeks to increase the number of women in those areas where they are underrepresented and therefore explicitly encourages women to apply.

For informal inquiries by e-mail, please contact Heinz Himmelbauer ([himmelbauer \(at\) molgen.mpg.de](mailto:himmelbauer@molgen.mpg.de)). Applications including summary of Master's and PhD theses, publication list, and contact details for three references should be sent by **August 16th 2013** via e-mail to:

[himmelbauer \(at\) molgen.mpg.de](mailto:himmelbauer@molgen.mpg.de)

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