

Biology- Research associate

McGill University, Montreal, Canada

Job Description:

We seek a biologist to join a multidisciplinary team of biologists, plant genomicists, and bioinformaticians as part of a Genome Quebec/Canada-funded project at McGill University (VEGI; Value-directed Evolutionary Genomics Initiative). The project aims to identify functional non-coding regions of agronomic importance in mustard family plants using comparative genomics, population genomics, and experimental techniques.

The candidate will conduct research on functional genomics, in particular the evaluation of regulatory DNA sequences of plant genomes to associate these functional regions with agronomically important phenotypes. The regulatory DNA sequences are identified by VEGI collaborators from high-throughput sequencing DNA and RNA data of several Brassicaceae species. For functional studies, the candidate will be using the LemnaTec HTS and 3D Automatic Phenotype stations. This necessitates close collaboration with other researchers in functional genomics field in- and outside McGill University.

Qualifications:

The successful candidate will hold a Ph.D. in Biology with demonstrable experience in functional genomics and high throughput trait screening assays in plants.

Apply:

The position is initially funded for two years with potential for continuation after completion of the project. Salary is commensurate with training and experience. All qualified applicants are encouraged to apply; however, Canadians and permanent residents will be given priority.

Candidates should submit a letter of application, curriculum vita, and names of two references before May 15, 2012.

Eef Harmsen

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