



JOB OFFER: Bioinformatician in Genomics

We are looking for:

An enthusiast bioinformatician interested in next-generation sequencing data analysis and genomics.

The selected candidate will be enrolled as young fellow/postdoc bioinformatician. She/he will be involved in the analysis of genomes or exomes for the characterization of genetic variations (single nucleotide and structural variations) associated to specific traits of interest, either in plant species of agricultural interest or in human patients. Moreover, the candidate will be responsible of testing and developing bioinformatic pipelines for the mentioned analysis as well as of the implementation of innovative genotyping approaches. More information can be provided upon request or during the interview.

We want an independent, creative and well-organized person with excellent cooperative skills.

Minimum Requirements

- Master degree from an accredited college or university in one of these fields of study: biotechnology, computational biology, (bio)informatics, computer science, statistics or related fields.
- Programming/scripting skills (eg Bash, Perl/Python, R)
- Familiar with Unix environment
- Good communication and organizational skills

Preferred but not required

- Previous experience in the analysis of next generation sequencing data
- Background in genetics or genomics

Employer

The Functional Genomics Laboratory at the Department of Biotechnologies in University of Verona is an important national and international reference point for the sequencing and structural and functional characterization of genomes including model and non-model organisms, plants, bacteria, animals, and humans. Its research focuses on the characterization of genomes by implementing the most advanced DNA sequencing technologies, including MinION, PacBio and Optical Mapping. Moreover, the group is involved in national and international projects, also within the Horizon2020 European framework. Website: <http://profs.scienze.univr.it/delledonne/>

Additional information

In this role you will be supervised by Prof. Massimo Delledonne (<http://profs.scienze.univr.it/delledonne/>), head of the Laboratory of Functional Genomics and Prof. Marzia Rossato. The position is for one year-contract with possibility of renewal.

Contacts

Prof. Marzia Rossato: marzia.rossato@univr.it, Dept. Biotechnology, Tel: +39 045 8027800

