Bioinformatician Vacancy Job

The Centro de Biotecnología de Vegetal of the Universidad Andrés Bello is hiring a bioinformatician to work on DNA sequencing of native Chilean species using third-generation sequencing technologies.

Requirements:
- Minimum qualification: B.S./B.Eng. with M.Sc/Postgraduate training in Bioinformatics;
- Working experience with, or demonstrable knowledge of, open source bioinformatics analysis tools (R and python/perl...) applied to genomics and high throughput omics data.
- English required;
- High level of proactivity and good communication skills;

Desired experience and skills:
- Experience with PACBIO third-generation sequencing data;
- Experience with cloud computing;
- Knowledge in data science areas such as machine learning, integrative multivariate analysis, network analysis and visualization;
- De novo DNA sequencing;
- Expertise in the implementation of bioinformatics workflows and pipelines using cluster computing.

Main responsibilities:
The candidate will provide bioinformatics services to the research groups, including:
1. Analysis of bioinformatics NGS and other high throughput omics data, including the development and improvement of in-house bioinformatics workflows and pipelines for these studies.
2. Advice for the experimental design and planning of research projects involving bioinformatics, and
3. Support in the communication of scientific results of these projects.

The work is framed in the context of the project FONDAP 15090007. Applications should include a cover letter expressing the interest in this position, Curriculum Vitae and one reference letter. Applications should be sent to Dr. Claudio Meneses (claudio.meneses@gmail.com) and Ariel Orellana (aorellana@unab.cl) before April 09, 2018.