

Immagina Biotechnology

Job Description

- Date:** May 11, 2022
- Job Title:** Bioinformatician (ID: ID110522-B)
- Job Category:** 1-year contract + benefits, with option to permanent employment
with immediate effect

Bioinformatician. The post holder will evaluate and improve tools for RNA-seq and Ribosome profiling analysis. The work mainly relates to the interpretation of RNA-seq, CLIP, small RNA-seq and RIBO-seq data. The post holder will need to work with other team members and customers on a service-based projects and be part of other innovations project.

The post holder will need to communicate their findings to internal stakeholders and to present the group's work at meetings and webinars.

The post holder will need to support other business activities of the bioIT unit in IMMAGINA

Duties include, but are not limited:

- To work with laboratory-based scientists in the group to help them plan and refine experiments, to interpret the data generated and to report the results clearly;
- To interact with other data analysts and bioinformaticians in the company and to utilize and adapt their tools for analysis;
- To keep up-to-date with the latest developments of RNA sequencing
- To have the ability to adapt or modify bioinformatic tools to achieve specific outcomes;
- To work as part of a multi-disciplinary team on the whole;

Education/Qualifications

- MSc/PhD involving a substantial amount of analysis and visualization of DNA and RNA sequence data.

- Undergraduate degree in Biological Science, Mathematics (or related discipline)

Experience

- Track record of successfully performing bioinformatics sequence analyses on Illumina RNA seq data
- Demonstrable history of involvement in the whole experimental process, from the initial experimental concept to execution, analysis and presentation of results, addressing important biological questions.
- Practical experience of handling and analyzing large data sets and working closely with lab scientists to continually refine the experimental and analytical approaches

Knowledge /Skills/ Abilities

- Expertise in bioinformatics and statistics. In-depth knowledge of the range and limitations of existing bioinformatics tools
- Experience with scripting languages e.g. Perl/Python, R etc.
- Some experience with machine learning
- Up-to-date with latest literature about NGS and analysis
- Good communication and interpersonal skills for discussing and presenting data within the team and with other colleagues
- Excellent problem-solving skills
- Versatility and the ability to work on multiple projects simultaneously

Attitude/Other requirements

- Creative, ambitious, self-reliant, positive, problem solver
- Enthusiastic about technology
- Team builder

Desirable Experience

- Hands on wet lab experience
- Good biological knowledge
- Commercially aware
- Experience and/or understanding of simple sample and library preparation methods

About Us

IMMAGINA Biotechnology has been operating since 2014 as a research-driven SME business operating in the sector of Genomics, Proteomics, and Enabling Technology. We develop sophisticated tools to capture ribosomes in an active state and characterize their components. Our technologies

IMMAGINA BioTechnology
Capitale sociale € 13834 i.v.
VAT: 02335400228
Fattura elettronica: USAL8PV
Via Sommarive 18, Povo
38123 Trento, Italy
☎ +39 0461 312018



allow for simultaneous measurement of newly synthesized proteins and their corresponding RNA templates and deliver the highest level of correlation between gene expression and the proteome. IMMAGINA is expected to fully underpin the immense diagnostic potential of a recently developed product portfolio for better decisions in precision medicine and better health.

Our mission is to empower scientists to discover the mechanism of translational control involved in many diseases, with the main focus on ribosomes. We aim to bring to the market breakthrough solutions to solve scientists' and patients' needs. We can do that thanks to a hybrid business model that embraces both business and sales expansion and a strong clinical diagnostic development

Application:

To apply for this position, please send your detailed CV and a cover letter to info@immaginabiotech.com