

Open Position at Alithea Genomics

Senior Bioinformatician – Transcriptomics 100%

About Alithea Genomics

Alithea Genomics, headquartered in the vibrant Biopole campus in Epalinges, is an EPFL spin-off biotechnology company specializing in providing innovative transcriptomics solutions for the discovery of new biomarkers and drug development. We are committed to making an impact on biomedical research by delivering high-quality RNA-seq services and kits to researchers worldwide. At the same time, we are continuously expanding our range of high-throughput transcriptomics products and applications through ongoing research and development efforts. Our multinational team comprises passionate entrepreneurs, engineers, and scientists dedicated to creating new solutions and driving the growth of the transcriptomics field.

Position

To continue our growth, we are seeking a creative, proactive, and motivated senior bioinformatician highly skilled in NGS data analysis and pipeline development to join our team. The successful candidate will play a key role in the development of new tools and applications for transcriptomics analysis essential for the company's business and future growth.

Responsibilities

- Develop, optimize, and execute workflows for transcriptomics data analysis.
- Develop and maintain web-based applications for data visualization and dissemination using web application development tools.
- Communicate results and findings to team members and assist with results interpretation and hypothesis generation.
- Stay up-to-date with the latest developments in bioinformatics, genomics, and transcriptomics research and contribute to the development of new analytical methods.
- Possible team management role depending on experience.

Qualifications

- M.Sc and at least three years of relevant experience or Ph.D. in Bioinformatics, Computational Biology, or a related field.
- Must have experience in transcriptomics analysis (RNA-seq, scRNA-seq), experience with ChIP-seq, ATAC-seq, and other NGS applications is a plus.
- Proficiency in programming languages such as R, Python, and Unix shell scripting.
- Experience with bioinformatics tools and databases, such as Bowtie, STAR, DESeq2, and Ensembl.
- Experience with pipeline development tools (NextFlow, Snakemake), R Shiny visualization, and web applications development.
- Experience with cloud computing (i.e., AWS, Azure, GPL) is a big plus.
- Strong analytical and problem-solving skills, excellent communication and teamwork skills.
- Ability to work independently and manage multiple projects simultaneously.
- Eligibility to work in Switzerland (Swiss work permit or Swiss / EU citizenship).

Benefits

- A collaborative and innovative work environment in a young and dynamic team.
- Opportunities for professional development in a fast-growing company.
- The chance to contribute to groundbreaking genomics research and product development.

Location

Biopole, Epalinges, Switzerland.

How to apply

To apply, please send your CV and Cover Letter to jobs@alitheagenomics.com.

For more information about Alithea Genomics, please visit our website, www.alitheagenomics.com