



At Aelian Biotechnology, we combine two of the most powerful technologies in modern biology, CRISPR screening and single-cell sequencing, to identify critical genes and pathways driving disease states or provide unique insights into the mechanism of action of drugs. Our company culture is fast-paced and collaborative with a strong commitment to excellent science. We are looking for people who are passionate about our mission and who genuinely care about delivering superior scientific work.

We are currently opening a full-time **Bioinformatician (m/f/d)** position.

Required skills

- Master's or Ph.D. level degree in informatics / computer science, mathematics, or similar.
- Good coding skills, knowledge of R or Python languages, ideally both.
- Bash scripting and strong knowledge of UNIX-based environments sufficient for routine daily use.
- Background in molecular biology. Good understanding of genome structure and the principles of gene expression and its regulation. Theoretical understanding of high-throughput DNA sequencing and common laboratory techniques.
- Experience in bioinformatics work, ideally with focus on large multi-dimensional datasets and next-generation sequencing data analysis.

We offer work in a young collective on fast-developing projects in cutting-edge biotechnology. The work will comprise mostly data science and development. Typical tasks include:

- Applying both existing and newly developed tools to process large datasets obtained using high-throughput technologies like single-cell RNA sequencing.
- Statistically analyzing, interpreting and visualizing the results.
- Direct consultations with biologists – both on insights learned from data and design of future experiments.
- Gathering data from public and internal sources and utilizing machine learning methods to mine large datasets for information.
- Providing general IT support to fellow scientists.

The candidate should be keen to practice constant self-learning in a wide spectrum of domains and work in a rapidly evolving environment. As we are an international team, our daily communication is in English.

The minimal monthly salary is based on the salary scheme published by the FWF, a higher salary is possible depending on experience and qualifications. If you would like to be part of our company, please send your application (including CV and a cover letter) to Dr. Adam Krejci (jobs@aelian.bio) no later than October 15, 2021.