



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. 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 May 9, 2021.