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 Junior Bioinformatician (m/f/d) position.

Required skills

- Formal education in computer science or bioinformatics, at least at bachelor's degree level or equivalent.
- 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. Good understanding of the molecular principles of high-throughput DNA/RNA sequencing.
- Experience in bioinformatics work, with focus on 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.
- Mining public data sources for information and applying machine learning methods to the data obtained.
- Providing data and general IT support to fellow scientists.

The candidate should be keen to apply 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 gross monthly salary according to the collective bargaining agreement amounts to 2.500 EUR payed 14 times a year, but a higher salary is possible depending on the experience and fit of the candidate. If you would like to be part of our company, please send your application (including CV and a cover letter) to Dr. Tilmann Buerckstuemmer (jobs@aelianbio.com) no later than July 19, 2020.