

7th August, 2023

QUANTRO Therapeutics is a visionary and dynamic Vienna-based start-up company that strives to establish a novel class of effective therapeutics interfering with disease-causing transcriptional programs in cancer and other diseases. At our R&D labs and company headquarter at the Vienna BioCenter Campus we currently have an opening to join our growing computational team as a

DATA SCIENTIST (m/f/d)

The position can be filled immediately and comprises of the following **tasks and responsibilities**:

- Process, analyze and grow our ever-expanding data stack produced by our proprietary high-throughput transcriptomics sequencing platform for drug discovery in an industrial setting
- Develop and implement novel statistical approaches to analyze and connect diverse genome scale life science datasets (transcriptomics, CRISPR-screens, proteomics)
- Devise machine learning strategies to bring QUANTRO's screening platform to the next level and instruct experiments to produce supporting training data
- Collaborate with the computational engineering team to design and implement data models for readily available and universally retrievable data storage for analysis and machine learning ventures
- Professionally organize, summarize and deliver data for efficient and effective internal and external communication

The successful candidate must have the following **qualifications and experiences**:

- PhD in bioinformatics, data science, statistics or life sciences related disciplines with demonstrable experience in collecting, mining and visualizing complex biological data
- Strong scripting skills in Python or R
- Extensive knowledge of relevant data analysis frameworks (e.g. Numpy, Pandas, R)
- Experience with machine learning libraries (e.g. PyTorch/Tensorflow)
- Thorough statistical background and good overview of machine learning techniques
- Excellent data visualization skills (e.g. matplotlib / seaborn, ggplot)
- Strong oral and written communication skills and ability to communicate complex ideas to both technical and nontechnical audiences
- Comfortable in an agile working environment, working independently, and being flexible to address the changing demands of a startup company

The following capabilities are a way to stand-out and will be an advantage

- Network analysis experience and understanding of large-language models
- Experience with molecular modelling in the context of drug discovery

QUANTRO Therapeutics performs cutting edge R&D in the areas of applied molecular biology, functional-genetics, chemistry and Bioinformatics. We are a diverse and dynamic team working with an international background and in collaboration with outstanding and globally recognized scientific experts to transform therapeutic approaches in oncology and other diseases.

QUANTRO offers an attractive monthly remuneration package starting from 4,286 € gross with readiness to pay in excess reflecting your professional experience and qualifications; additionally, we offer personal development opportunities and flexible working hours.

If you are interested in joining our team and working in an inspiring and visionary start-up environment, we are excited to receive your application.

Should you have any upfront questions, need further information or wish to apply, please send your CV and letter of motivation addressed to Tobias Neumann, Lead Bioinformatician at QUANTRO Therapeutics recruiting@quantro-tx.com.