QUANTRO
Therapeutics

August 2nd, 2022

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 for a

BIOINFORMATICS / ML ENGINEER (m/f/d)

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

- Develop cutting-edge data-driven algorithms on our proprietary high-throughput transcriptomics sequencing platform for drug discovery in an industrial setting
- Build infrastructure to ensure the highest standards of data integrity, scalability, and reproducibility; on-site and using cloud-based technologies
- Apply and create cutting edge machine learning frameworks to mine our continuously expanding data stacks
- Develop new strategies to integrate and supply proprietary and public multi-omics datasets to maximize our drug target discovery efforts (CRISPR screens, RNAi screens, mutational and transcriptomics data such as TCGA, PCAWG, and proteomics)
- 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 or equivalent experience in a relevant field such as Computational Biology, Data Science, Bioinformatics or Computer Science with more than 3 years of practical experience in applying advanced bioinformatics or data science methods
- Highly proficient with Python, basic knowledge in R
- Practical experience with best software development practices, particularly in a collaborative environment
- Commitment to reproducible and controlled improvement and automation
- Experience with continuous integration and deployment (CI/CD) tools
- 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

- Familiarity with major machine learning frameworks such as scikit-learn, TensorFlow or PyTorch for building machine learning models
- Familiarity with workflow managers and languages (e.g. NextFlow)
- Experience with cloud hosting providers such as AWS, GCP or Azure

QUANTRO supports and commits to enable less versed candidates to further dive into Data Science, Machine Learning and Computational Biology.

At QUANTRO Therapeutics you will find cutting edge R&D in the areas of applied molecular biology, functional-genetics, transcriptomics 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 a competitive salary, personal development opportunities and flexible working arrangements.

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

For upfront questions, more information, or to direct your written application, please contact Tobias Neumann, Lead Bioinformatician at QUANTRO Therapeutics (tobias.neumann@quantro-tx.com, +43 122 66001-12).