



Bioinformatician, Muna Therapeutics, Copenhagen, Denmark

Who We Are

Muna Therapeutics is a biotech company that develops first-in-class therapeutics for neurodegenerative diseases. Our scientific founders are from Aarhus University and VIB / KU Leuven, and we are backed by a syndicate of leading European and US investors, from whom we raised a Series A round of funding. Muna Tx's strategy is based on an innovative, all-in-human discovery engine, deep understanding of disease genetics and pathophysiology, world-class structural biology expertise, and experienced medicinal chemistry and translational biology, focused on developing first-in-class small molecule therapeutics for neurodegenerative diseases including Frontotemporal Dementia, Parkinson's Disease, and Alzheimer's Disease. The company is located in Copenhagen and Aarhus, Denmark and Leuven, Belgium.

The Role

We are seeking a Bioinformatician to join our Muna team placed in Copenhagen. In this role, you will be responsible for implementing state-of-the-art analysis tools for multi-omics-, clinical-, and real-world-evidence data bases. You will apply your expertise to further our target discovery platform originating from spatial transcriptomics data as well as support our advanced early portfolio projects towards IND. Based on your solid knowledge and data exploration skills, you will generate actionable biological insights together with Muna's team of bioinformaticians and biologists. The successful candidate will report to the Head of Bioinformatics.

Responsibilities

- Provide bioinformatic analyses to support early drug target projects and to enable novel drug target identification
- Perform integrative omics analyses, large-scale data mining, and interpretation
- Develop internal pipelines to analyze and *visualize* complex data sets
- Work closely together with project team members across sites to improve the biological understanding of targets, biomarkers, and patient segments.
- Contribute to the preparation of key internal and external presentations, including presentations at scientific meetings and manuscripts for publication

Qualifications

The preferred candidate has the following personal and professional qualifications:

- MSc. or PhD. in Bioinformatics, Data Science, or related fields
- Comfortable with coding (preferably in R or Python) and working in a Unix environment
- Experience in software pipeline development such as Nextflow, and experience with Docker, SQL, and tools for reproducible analysis
- Insight into machine learning algorithms and a robust understanding of statistical biology.
- Experience in working with complex omics data such as NGS transcriptomics (bulk, single-cell RNA sequencing), proteomics, or genetics. Experience working with clinical- or real-world-evidence data is an advantage
- Insight into neuroscience, translational medicine, biomarker development is an advantage



- Comfortable with the dynamic pace and rapid decision-making needs of a startup environment.
- Is a team player and enjoys the interaction with colleagues and collaborators from different functional teams
- Excellent written and oral English communication skills

Want to learn more?

For further information, please contact Maria Dalby, Head of Bioinformatics, on dalby@munatherapeutics.com

How to Apply

Send cover letter and full Curriculum Vitae, including name and contact information for 1-2 professional references as PDF files by email to the attention of Dr. Maria Dalby, Head of Bioinformatics (careers@munatherapeutics.com). Deadline for applying is September 30th 2022. Applications will be evaluated on a continuous basis. The role is available immediately.