



Job Title: AI Scientist

Location: Munich

Start Date: April/May 2026

Job Type: Permanent Contract

Role Summary

We are seeking a PhD-level AI Scientist or Computational Biologist with 1–2 years of postdoctoral or industry experience to support AI-driven target identification and validation in a dynamic, data-rich biotech environment. The role involves close collaboration with cross-functional teams, including the Chief AI Officer, to leverage single-cell and spatial transcriptomics data and apply machine learning approaches to uncover novel disease mechanisms and high-confidence therapeutic targets..

Key Responsibilities

- Analyze longitudinal, single-cell, and multi-modal datasets to elucidate disease mechanisms and perturbation responses (e.g., lung, pancreas, peripheral blood).
- Apply bioinformatics and data analysis tools (Python, R) to assess gene and cell state changes following drug treatments or genetic perturbations (CRISPR, RNAi).
- Collaborate on AI and machine learning model development, including deep learning–based perturbation modeling on transcriptomic datasets.
- Contribute to target validation strategies using high-dimensional data such as scRNA-seq and spatial transcriptomics.
- Support interpretation and application of AI models in drug discovery, with working knowledge of underlying principles and their use in disease target modeling.

Required Qualifications

- PhD in Computational Biology, Bioinformatics, Computer Science, Biology, or a related field. Master's degree candidates may be considered with relevant experience.
- 1–2 years of postdoctoral or industry experience.
- Proficiency in Python and R, with experience using GitHub-based data analysis and workflows.
- Ability to interpret, implement, and collaborate on machine learning and AI models.
- Strong understanding of molecular biology and modern experimental techniques.
- Experience with AI/ML model training using transcriptomics or multi-omics data, including deep learning frameworks (e.g., PyTorch).
- Knowledge of perturbation model development.

About RN.AI Therapeutics

RN.AI Therapeutics GmbH is a Helmholtz spin-off from Prof. Theis' lab in Munich, developing next-generation combination immunology therapies. By integrating AI-enabled drug development, the company addresses complex immunology and inflammatory diseases with high unmet medical need, starting in respiratory indications and expanding across the I&I landscape. Interested candidates are invited to share their CV at justin.antony@rnai-tx.com

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