



Advert for Senior Scientist/Principal Scientist in Bioinformatics

Transine Therapeutics is seeking to recruit a bioinformatics professional to join our expanding laboratory team at the Babraham Research Campus in Cambridge, one of the UK's leading biotech hubs. Transine is developing a novel class of therapeutic RNAs known as SINEUPs® that have the property to upregulate protein expression by binding candidate mRNA with unprecedented control and specificity. The SINEUP® proprietary technology can target any mRNA within cells through a unique mechanism of action for currently hard-to-treat disease with broad application in the pharmaceutical and biotech sectors. Our interdisciplinary team of scientists works at the forefront of RNA therapeutics to reach disease targets by leveraging the inherent medical potential embedded within non-coding RNA.

The role presents an excellent opportunity for a motivated and dynamic computational biologist with excellent communication skills to contribute to our rapidly growing RNA therapeutic platform, partake in SINEUP high throughput screens analysis, mine publicly available RNA structural datasets/algorithms, and advance mechanistic understanding of Transine's SINEUP technology using single-cell RNA-seq methodologies. This is a particularly exciting opening to join us as we enter a promising phase of team growth and R&D expansion with the possibility to engage with managerial responsibilities in the future.

Key Areas of Responsibility

- Analysing and interpreting bulk and single-cell RNA-seq experiments from Quality Control through to biological interpretation
- Integrating functional genomics and biological pathway data to derive insights and robust target hypotheses from high throughput screens
- Work collaboratively with other teams to develop bioinformatic tools and algorithms
- Execute high-quality work, demonstrating an excellent attention to detail and proactively take ownership of his work in relation to company research goals.
- Maintain a high level of productivity in the lab and communicate effectively with cross-functional team members from other backgrounds
- Work to clear and tight timelines and disseminate data via excellent written and verbal communication in internal meetings.
- Work in a highly collaborative environment with colleagues both within and external to the Transine team.

The position is available at the Senior Scientist or Principal Scientist level depending on experience and qualifications.

Essential Skills and Qualifications

The ideal candidate for this role will have:

- A degree in the Bioinformatics, Computational Biology, Data Science or similar (PhD)
- Proficiency with R, Python/Perl, bash script programming languages (Linux optional)
- Deep understanding of experimental design and statistical analysis



- Possess extensive experience in analysing in generating quality controls, and analysing, plotting and interpreting transcriptomic datasets with particular emphasis toward single-cell technologies
- Knowledge of computational RNA biology and ability to mine RNA-centric bioinformatic web tools will be given strong consideration.
- Proven ability to analyse transcriptomic datasets as published in peer-reviewed scientific journals
- Ability to communicate ideas and results effectively both verbally and in writing to a wide audience of naïve audience
- Ability to work independently, following detailed instructions where necessary, but providing own intellectual input, independence and advice as appropriate.
- Adherence to Company codes of Practice and laboratory Health and Safety rules and regulations.

Benefits:

- Competitive remuneration including eligibility for annual bonus.
- Eligibility for share options.
- Attractive relocation packages.
- Health insurance plan for employee, partner and dependents.
- Death in service insurance.
- 28 days holiday.
- Company pension with generous company contributions.
- Located on the beautiful Babraham science park south of Cambridge with extensive amenities, including gym and tennis courts

Candidates must be highly collaborative self-starters demonstrating a creative problem solving within a fast-moving environment. Should you wish to be considered for this position, please send a CV and covering letter to recruitment@transinetx.com by 31ST Jan 2022.