

Date: 19 Nov 2025

Computational Biology Scientist - Job Description

Dexoligo Therapeutics, a division of Dexcel Pharma Technologies, is at the forefront of developing nucleic acid-based therapies. **We are seeking an outstanding individual to join our growing computational biology team, to tackle the challenge of identifying high-quality gene targets by mining extensive genetic datasets, such as the UK Biobank, and by applying machine-learning approaches for target prioritization.** This role offers a rare chance to engage in a dynamic, interdisciplinary environment, with opportunities to impact the development of potentially revolutionizing therapies.

Role Responsibilities:

- Design, develop, and utilize computational methods to mine high-dimensional data and genomic databanks, such as the UK Biobank.
- Integrate multi-omic (genomic, transcriptomic, proteomic) data using machine-learning frameworks and perform advanced statistical analyses to identify and prioritize novel therapeutic targets.
- Collaborate closely with biologists, clinical researchers, and various experts.

Ideal Experience:

- PhD in Computational Biology, Statistical Genetics, or a related field (or MSc with 3+ years industry experience)
- Experience in analysis of multidimensional biological data, preferably involving large biobanks
- Strong statistical analysis skills in Python or R
- Pharmaceutical or biotech experience - a major advantage
- Familiarity with drug target discovery processes - a major advantage
- Deep understanding of statistical genetics (GWAS, RVAS, QTLs) - a major advantage
- Experience with machine learning and deep learning methods - a major advantage
- Knowledge of Mendelian Randomization and causal inference - an advantage
- Post-doctorate in related fields - an advantage

Individual Profile:

- Team player with clear, open communication
- Independent, self-motivated and rigorous
- A positive attitude, curiosity and desire to learn new skills
- Passion for medicine and desire to make a positive impact

Location: Tel Aviv (hybrid work)

Contact email: jobs@dexoligo.com