



## Role specification

Associate Director of Bioinformatics (Grade 5), UK.

Location: Cambridge, UK

### Position profile:

Summit Therapeutics is a pharmaceutical company focussing on the discovery and development of novel antibiotics. We require a highly experienced and talented bioinformatician to work within a vibrant environment in our antibiotic R&D group. The ideal candidate will have expertise in bioinformatics drug discovery support and management, ideally including experience in antibiotic discovery. The role will involve the processing, analysis and interpretation of data from Summit's powerful genetic profiling technologies to provide critical input to multiple drug discovery programmes. This position will also help to evolve the proprietary analysis tools that Summit employs and mould the future direction of bioinformatics across the company.

The Associate Director of Bioinformatics will report to the SVP of Research.

### Main tasks and responsibilities:

#### Bioinformatics Management:

- Builds a bioinformatics strategy for Summit
- Coordinates bioinformatics activities across pre-clinical and clinical programs
- Assumes bioinformatics management of Summit's transposon platform
- Participates in long-term budget planning and cost management, especially related to balancing internal and external spends

#### Scientific responsibilities:

- Responsible for planning and execution of bioinformatics support for ongoing programs in line with the bioinformatics strategy
- Contributes directly to preclinical programs to support ABx discovery programs
- Provides detailed bioinformatics reports for programs and external briefing documents and publications
- Interacts and coordinates effectively with Summit scientists in Cambridge and at other sites.

### Candidate specification

- Degree and preferably a higher degree (MSc, MRes, PhD or equivalent) in Bioinformatics/Microbiology/Molecular Biology/IT or related discipline



- Substantial experience in bacterial genomics analyses and methods, as well as the computing infrastructure, data management methods and database technologies to support large-scale data analytics
- Minimum of 3 years' experience of leading program support within pharma or biotech, preferably with antibiotic experience
- Must have strong project management and leadership skills
- Has practical experience in interpreting genome-wide data with good knowledge of genome sequence assembly, sequence mining and biochemical pathway mapping
- Experience in translating genomic outputs to biochemical and preferably microbiological understanding
- Familiarity with network biology software packages and applications
- Experience with UNIX systems, along with a couple of relevant programming and scripting languages (e.g. Python, Perl, Java, etc.), is preferred
- Has familiarity with public molecular biology and microbiology resources, such as GenBank, UniProt, PDB, EcoCyc, KEGG, etc
- Must be a strong communicator and be able to relay results and concepts in a timely manner with clarity and precision
- Understands the dynamic and requirements of working in a small company.