

# Job Advert

## VP Genetics and Early Target Discovery

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### The Company

C4X Discovery is a pioneering Drug Discovery company combining scientific expertise with cutting-edge technologies to efficiently deliver world leading medicines, which are developed by our partners for the benefit of patients. We have a highly valuable and differentiated approach to Drug Discovery through our enhanced DNA-based target identification and candidate molecule design capabilities, generating small molecule drug candidates across multiple disease areas including inflammation, oncology, neurodegeneration and addictive disorders.

Our commercially attractive portfolio ranges from early-stage novel target opportunities to late-stage Drug Discovery programmes ready for out-licensing to partners and we have two commercially partnered programmes with one candidate in clinical development. Through early-stage revenue-generating licensing deals, we realise returns from our high value pre-clinical assets which are reinvested to maximise the value of our Drug Discovery portfolio.

### The Role

We are looking for someone to lead the Taxonomy3<sup>®</sup> analysis activities in the Company. Taxonomy3<sup>®</sup> is a novel in silico platform technology that utilises proprietary ground-breaking mathematical algorithms to perform complex multivariate analysis of genetic data. Critically, the successful individual will need to ensure that the data generated by Taxonomy3 is integrated with existing genetic and genomic data in such a way to add maximum value to the novel insights.

The successful candidate will work in a multidisciplinary, collaborative and scientifically driven environment, and will provide line management and scientific supervision of the Taxonomy3<sup>®</sup> team. The role is a hybrid role blending office and homeworking and can be undertaken from either our Manchester or London locations.

The role aims to enhance the capability of the existing team as our drug discovery portfolio grows under C4X Discovery's Drug Discovery Engine business model.

### Responsibilities

- Be responsible for the overall strategy, delivery of analysis results, and optimisation of the methodology.
- Provide scientific leadership, line management and development to a group of talented biologists, bioinformaticians and data scientists.
- Work with our commercial team to identify inflammatory and neurodegenerative diseases where additional genetics insights will make the biggest impact and ensure access to suitable datasets in these disease areas for Taxonomy3 analysis.

- Develop collaborations with academic and other external groups to 1) access suitable datasets for analysis, 2) enhance the utility of the Taxonomy3<sup>®</sup> method, and 3) optimise the impact of the results in drug discovery.
- Ensure integration of the outputs from Taxonomy3<sup>®</sup> with the wider C4X drug discovery functions to generate novel drug discovery projects.
- Contribute to business development activities to facilitate discussions with potential 3rd party partners.
- Work with other functions in the Company (IT, software development etc.) to ensure effective delivery of results and methodology development.
- Monitor and develop methods to integrate Taxonomy3<sup>®</sup> with other datatypes to demonstrate added value of Taxonomy3<sup>®</sup> analyses.
- Represent the function on senior committees such as the R&D Exec.
- Maintain knowledge of, and ensure compliance with, legal and other requirements for the safe storage and use of human genetic data.

## Experience

- Application of genetic and genomic data to drug discovery in small and/or large pharma/biotech companies and experience with approaches used to understand complex disease genetics.
- Integration of genetic data with other types of data (genomics, proteomics etc.) leading to identification of drug targets with robust support packages.
- Strong experience in the latest data science approaches.
- Familiarity with modern high-throughput functional genomics technologies and data, including epigenomics and transcriptomics, single cell omics and CRISPR.
- Familiarity with command line interface and working in cloud-based computing environments e.g. AWS, and at least one general purpose programming language.
- Experience in target validation and small molecule drug discovery.
- Broad experience of the direct line management, mentoring and scientific direction of scientists within project teams.
- Ideally, a PhD in genetics, statistical genetics, bioinformatics, data science (or similar).

## Benefits

C4X Discovery offers a broad selection of health benefits, share options, a generous pension scheme and an annual, discretionary bonus scheme.

Please send your CV and cover letter to [jobs@c4xdiscovery.com](mailto:jobs@c4xdiscovery.com)

For a full job description and person specification, visit [C4X Discovery](#) where you will also find more information on the C4X Discovery Drug Discovery Engine business model and details on how your personal data will be handled throughout the recruitment process.