

## **Chief Technology Officer (Drug discovery enabled AI/ML/Bioinformatics)**

Location: Edinburgh / Hybrid remote

Job Type: Full time

Salary: £120,000 – £150,000 a year

Cumulus is focused on the creation of a portfolio of oncology companies, striving to address areas of high unmet medical need and building value for our investors. Our mission is to identify exciting opportunities/novel assets at various stages of development, that can be accelerated towards the clinic. The company has an exceptional team with a wealth of expertise in the Oncology sector. One spin-out company has already been established, with ambitious plans to incorporate one more company this year, and further new company creation opportunities being researched and progressed.

As part of Cumulus's growth strategy, we are now looking to recruit a Chief Technology Officer to develop and build AI/ML and bioinformatics expertise in house. This internal function will support Cumulus's business model by building technical expertise, scientific insights and a strategy to support the creation of new companies. The CTO will provide input on how Cumulus can engage with AI/ML platforms to achieve two key areas: 1) the identification of novel targets in a range of oncology settings 2) the creation of patient subgroup hypotheses to inform both preclinical and clinical study design.

A key aspect of the role will be to engage with several different AI/ML platform companies that have specialism in oncology (potentially with access to proprietary patient data) and related areas that would enable a deeper understanding of key areas of biology of interest to Cumulus. As well as assessing and prioritising the different platforms available, the role will involve the negotiation of partnership agreements that will add significant value to Cumulus (and spinouts).

With a deep expertise of AI/ML driven drug discovery from work within a pharmaceutical, biotech or related company, you will lead the implementation of AI-enabled drug discovery through the creation of high value data via strong partnerships, that will ultimately result in new asset opportunities for Cumulus to develop and create new drug discovery and development companies around.

## Key Responsibilities

- Leadership in the identification and adoption of novel AI-enabled drug discovery approaches with assessment and engagement of various partners depending on specific project requirements to drive target validation, biomarker discovery and patient stratification
- Working closely with the Cumulus Scientific team in the incorporation and application of AI/ML technology to address key oncology questions and particular areas of high unmet medical need.
- Using AI/ML/computational insights to actively collaborate with external partners as well as internal team members to design and create relevant biological hypotheses that can be progressed onto target validation processes and/or influencing preclinical/clinical development strategies.
- Working with the Cumulus Senior Executive Team with new company development strategies as influenced by data generated through AI/ML partnerships
- Communicating to the team through presentation and written development plans key project aims, budget and expected outputs.
- Developing a small internal team to action the Cumulus AI/ML company objectives, including the hiring, coaching, mentoring and supporting of the team for which you will be responsible
- Where required, supporting business development activities in the communication of Cumulus adopted AI/ML techniques and technologies.

If you are interested in the role, we would love to hear from you.

[Please apply via Indeed here](#)



**Position: Chief Technology Officer**

Location: Edinburgh / Hybrid remote