



Job Titles: Cryo-EM Scientist vacancies

Job Type: 2 year fixed term contracts, multiple roles

Location: Cambridge, UK

Astex Pharmaceuticals is a world leader in innovative drug discovery and development. The company has successfully applied its proprietary Fragment-Based Drug Discovery (FBDD) platform to generate multiple new drug candidates that are progressing in clinical development. Successful collaborations have led to two launched oncology drugs (Kisqali® partnered with Novartis and Balversa™ partnered with Janssen). Astex continues to grow and focuses on Oncology and Neurological Disorders.

Historically Astex's fragment screening platform has relied upon X-ray crystallography to support structure-based drug discovery (SBDD) and Astex has comprehensive in-house X-ray crystallography facilities. However, the increased ability of cryo-EM to deliver atomic resolution structures has led to Astex establishing a state of the art, in-house, cryo-EM facility. This facility includes two Glacios and one Krios transmission electron microscopes (TEMs), a fully equipped cryo-EM sample preparation laboratory and extensive computing infrastructure. Astex has also developed custom data collection and processing workflows to facilitate the rapid generation and interpretation of cryo-EM structures for SBDD and FBDD.

Astex's Molecular Sciences group currently has multiple, fixed term contract, opportunities available for scientists working in cryo-EM. We are seeking highly driven scientists who are keen to help develop Astex's cryo-EM capabilities and Astex's general FBDD/SBDD platform. The positions are all based in Cambridge, UK.

Candidates should have a PhD and demonstrable skills and experience in one, or more, of the following areas:

- Generation, optimisation and analysis of negative stain and cryo-EM grids
- Processing of single particle cryo-EM data and familiarity with cryo-EM software packages
- Performing single particle cryo-EM on a range of targets
- Expression, purification and characterisation of proteins, ideally including membrane proteins and/or protein complexes

Candidates should also have:

- Excellent communication skills, creativity and self-motivation
- The ability to work independently, or as part of a multi-disciplinary teams

Practical experience of using other biophysical methods to characterise proteins and protein-ligand interactions is desirable, but not essential.

We offer excellent training and career development opportunities as well as competitive salary and benefits package.

Closing Date: 31st August 2021

To apply you will need to submit the following documents:

- Your CV
- A Covering Letter detailing your suitability for the role and motivation for joining Astex

Please send your application, quoting the reference number **CE/0721** to recruitment.uk@astx.com

At Astex we embrace diversity and equality of opportunity. We are committed to building an inclusive and diverse company representing all backgrounds, harnessing industry-leading scientific innovation and behaviours

*For information on Astex Pharmaceuticals please visit: www.astx.com
For information on Otsuka Pharmaceuticals please visit: www.otsuka.co.jp*