



Job Title: Structural Biologist (Ref: SB/0617)

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. Astex continues to grow and focuses on Oncology and Neurological Disorders. We have opportunities at our Research Centre in Cambridge, UK, for experienced and imaginative scientists, wishing to develop their careers in a thriving multidisciplinary, industrial environment.

CURIOSITY, CREATIVITY AND INNOVATIVE SCIENCE FOR DRUG DISCOVERY

...UNLOCK YOUR POTENTIAL

Astex's Molecular Sciences Team is seeking to recruit a talented structural biologist. The Molecular Sciences Team is responsible for supporting all activities from 'gene to structure' and for prosecuting PyramidsTM, Astex's fragment based screening campaigns. Disciplines encompassed within Molecular Sciences are X-ray crystallography, cryo-EM, bioinformatics and an ensemble of biophysical techniques, including NMR, surface plasmon resonance (SPR), mass spectrometry (MS), isothermal titration calorimetry (ITC) and thermal unfolding (Tm).

The role is laboratory based and the successful candidate will be responsible for enabling targets for PyramidTM and for supporting projects during all phases of the drug discovery process. You will be required to work closely with chemists, biologists and computational modellers as part of dynamic, inter-disciplinary, project teams.

Applicants should have excellent verbal and written communication skills, be highly organised and have a proven ability to work in teams. Additionally you will be able to pursue your personal development through internal and external presentations, collaborations and publications in high impact journals.

Requirements

- A PhD with post-doctoral, or industrial, experience.
- Proven expertise in recombinant protein expression and purification using diverse separation methods.
- Expertise in protein crystallisation, crystal optimisation & crystal engineering to enable ligand soaking and/or co-crystallisation studies.
- Experience of determining *de novo* protein and protein-ligand structures using in-house and synchrotron X-ray sources.
- Proven practical expertise with at least one of the following techniques: cryo-EM, NMR, SPR, ITC, MS, Tm or structural bioinformatics.
- Experience of fragment based drug discovery, or structure based drug design, is desirable, but not essential.

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

Closing Date: 22nd July 2017

To apply, please send your CV and a cover letter quoting the job reference: **SB/0617** to HR.UK@astx.com

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

We are recruiting for a number of roles some are permanent and some are for 2-3 year fixed term contracts depending on qualifications and experience