



Job Title: Bioinformatics Software Developer (Ref: BSD/0217)

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 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 Cambridge, UK, Research Centre for experienced and imaginative scientists, wishing to develop their career in a thriving multidisciplinary, industrial environment.

CURIOSITY, CREATIVITY AND INNOVATIVE SCIENCE FOR DRUG DISCOVERY

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We are looking for an experienced programmer to join our bioinformatics team. The role offers diverse opportunities in software development in the context of exploring public & proprietary multi-omics data in oncology and CNS. You will support biological research by designing & implementing databases & web interfaces to organise, integrate & visualize genomics and other related datasets. The ideal candidate might be a software developer with fair understanding of cancer biology and NGS technologies & interest in working with large-scale biological data.

Principal Responsibilities

- Design and develop bioinformatics web applications and tools
- Develop tools and pipelines to integrate, mine and visualize genomic and structural biology data and improve computational efficiency
- Promote close interactions across multidisciplinary groups
- Collaborate with software developers, biologists, structural biologists and computational chemists
- Iteratively develop tools and methods on the basis of feedback from in-house users
- Provide bioinformatics support for Astex's New Targets Team

Requirements

- Degree in computer science, bioinformatics, computational biology or related field of software development experience working in industry or an equivalent academic setting
- Expert knowledge in Python and at least one other language: Perl, Java, C++, R, Javascript
- Experience with relational databases e.g. Oracle, MySQL
- Experience developing web applications/UI
- Familiarity with common software development tools and practices (version control, testing, etc)
- Good understanding of and ability to use standard statistical methods
- Excellent team working, written and verbal communication skills

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

Closing Date: 20th March 2017

To apply, please send your CV and a cover letter quoting the job reference: **BSD/0217** 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