

GlaxoSmithKline Pharmaceuticals, Inc

Bioinformatic Analyst –Cancer Biology

Job Title: **Bioinformatic Analyst –Cancer Biology**
Position: Full-Time Regular
Open Date: Immediately
Functional Area: Scientific
Location: Collegeville, Pennsylvania
Grade Level: D1/C5
Required Degree: Ph.D.
Experience Required: 3-10 years

Requirements:

- Ph.D. in bioinformatics, computational biology, molecular biology or a related field, with postdoctoral and/or industry experience.
- A scientific background in cancer genetics and/or cancer biology, as demonstrated by multiple publications in this area. Previous experience in tumor-stroma interactions, invasion/metastasis or epigenetics is a plus.
- Experience with in-depth analysis and processing of genomic data (e.g. expression, copy number, mutation, and epigenetic technologies) and the application to drug target and biomarker identification.
- Programming skills in Java, Perl, C or other scripting software, and ability to use statistical packages.
- Familiarity with relational databases (SQL)
- Knowledge and experience utilizing commercially available computational and genomics tools/databases especially those utilized in the field of cancer research (e.g. GeneGo, Oncomine, Array Studio).
- Ability to communicate in a clear and concise manner to a multi-disciplinary team in both written and verbal form.
- Ability and desire to work as part of a matrix team.
- Adept at managing multiple priorities in an efficient and organized manner.

Preferred:

- Direct knowledge of the drug discovery and/or development process.
- Experience conducting bench-based scientific research in molecular or cellular biology.
- Experience with clinical data and statistical methods are a plus.

Details:

The Emerging Science Discovery Performance Unit (DPU) within Cancer Research is seeking a highly motivated scientist to apply computational and bioinformatic approaches to make critical contributions to target and biomarker

discovery. This scientist will be part of multidisciplinary teams working to discover and develop novel anti-invasive and anti-metastatic medicines for the treatment of cancer through Phase II clinical trials. The successful candidate will be responsible for providing key bioinformatics support to the unit by integrating, and mining genomic data, investigating pathways/networks through pathway mapping and literature analysis, and developing/applying innovative data analysis capabilities. This exceptionally talented individual is expected to have a solid understanding of cancer biology, to be adept at working with large genomic data sets, and to demonstrate creative problem solving abilities. The scientist will be expected to collaborate directly with external scientists on target and biomarker discovery.

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