**Role Description**

We seek a highly motivated computational biologist to be part of a larger inter-disciplinary team that focuses on target discovery and validation in various therapeutic areas including oncology and immune-oncology. The successful candidate should have a strong computational background with proven track record of having applied computational solutions to solve biological problems. The candidate should have the ability to work independently and come up with quick, robust and creative computational solutions to various research goals.

**Responsibilities**

* Conduct computational analysis on available next-gen sequencing datasets from pre-clinical model systems, and potentially clinical trials to identify novel targets, biomarkers, resistance mechanisms of current therapies, and effective therapeutic combinations
* Develop innovative algorithmic approaches to provide for robust and testable hypothesis from analyzed experimental data
* Be up-to-date on state-of-the-art methods and techniques in computational biology and provide support on an as-needed basis to cross-disciplinary project teams

**Qualifications**

EDUCATION AND EXPERIENCE

* PhD in Computer Science, Bioinformatics/Computational Biology, Mathematics, Statistics, Biostatistics or closely related field with 2-5 years relevant experience applying state-of-the-art computational approaches to solving biological problems
* Proven record of scientific rigor and scientific success
* Ability to work effectively on teams and good team player attitude required
* Excellent communication skills (oral and written) as demonstrated by publications & presentations
* Ability to multi-task and project prioritization required

TECHNICAL SKILL REQUIREMENTS

* Experience in analysis of large-scale genomic data such as RNA-seq, Exome-seq, whole-genome seq, ChIP-Seq, genotype, microarrays as well as biological pathway related analysis
* Proficiency in scripting languages such as R, Matlab, Perl, or Python
* Demonstrated an understanding of biology and is able to identify biological problems that can be efficiently solved through computational methods and algorithms
* Ability to work closely with bench scientists to solve complex biological problems
* Experience in image analysis algorithms and visualizations is desirable
* Proficiency in developing web-based applications and ability to code in Java desirable