



### **Senior Scientist, Oncology Bioinformatics**

IDEAYA is an oncology-focused biotechnology company committed to the discovery of breakthrough synthetic lethality medicines targeting DNA damage and repair for genetically defined patient populations and for enhancing immunotherapy response, and immuno-oncology therapies targeting the tumor micro-environment. IDEAYA, located in South San Francisco and La Jolla, California, has assembled leading scientists and advisors with extensive knowledge and expertise in cancer biology and small molecule drug discovery. For more information, please visit [www.ideayabio.com](http://www.ideayabio.com).

IDEAYA Biosciences is seeking a Senior Scientist, Oncology Bioinformatics to lead computational efforts to identify high value drug targets, synthetic lethal interactions and other cancer dependencies. He or she will play a key role across the Company's drug discovery and development portfolio, contributing to efforts to identify high value drug targets and clinically relevant predictive biomarkers that enrich for patient response to IDEAYA therapies. The ideal candidate will enjoy working within an open, multi-disciplinary team and possess a passion for exploration of biology within in the mission of the discovery and development of cancer therapeutics. The position reporting into the Senior Vice President, Head of Biology and Co-Founder will be based in La Jolla but will support bioinformatics across functions at both sites. Regular travel to IDEAYA's South San Francisco will be required.

### **Qualifications:**

The Senior Scientist, Oncology Bioinformatics should have:

- Ph.D. with postdoctoral experience in bioinformatics, biostatistics, computational biology or related fields. Industry experience in oncology research or drug discovery a plus.
- Extensive experience in the use of a high-level programming language such as R, MATLAB, Python or Perl for complex data analysis and mining of public/private genomic and functional datasets and experience in genome scale correlative studies to identify predictive biomarkers of cancer patient response.
- Extensive experience in the use of a high-level programming language such as R, MATLAB, Python or Perl for complex data analysis.
- Experience integrating and mining public and private genomic datasets.
- Familiarity of RNAi and CRISPR mediated functional screens to determine cancer cell dependencies (DepMap, Project Achilles, Project Drive).
- Extensive knowledge human tumor biology and immuno-oncology
- Ability to work in dynamic, fast-paced startup environment, crisp, informed decision making, work to ambitious timelines.
- Ability to balance execution of tasks required to accomplish goals with creating an environment of scientific curiosity and open exchange of ideas.
- Excellent written, verbal communication skills and exceptional data visualization skills.
- Experiencing with implementation and maintenance of data analysis infrastructure is a plus.