



Scientist, Oncology Biomarkers

About IDEAYA Biosciences:

IDEAYA Biosciences is an oncology-focused biotechnology company committed to the discovery and development of breakthrough precision medicines for biomarker-defined cancer populations. Our efforts focus on developing targeted therapies, synthetic lethality medicines targeting DNA damage and repair for genetically defined patient populations, and for enhancing immunotherapy responses with immunoncology therapies targeting the tumor micro-environment. IDEAYA Biosciences, located in South San Francisco and La Jolla, California, has assembled leading scientists and development personnel with extensive knowledge and expertise in cancer biology, small molecule drug discovery, and drug development. For more information, please visit www.ideayabio.com.

IDEAYA Biosciences is seeking a South San Francisco based, experienced, motivated, outgoing leader to join our Oncology Biomarkers team. This individual will play a key role in biomarker discovery and validation using various cellular assays and dataset analyses; and will also contribute to the interrogation of biomarker hypotheses in the clinical setting. The ideal candidate will enjoy working within an open, multi-disciplinary team and possess a passion for biology exploration with the mission of discovery and development of novel cancer therapeutics.

Location: South San Francisco, California

Reporting Relationship: The individual will report to a Principal Scientist in the Oncology Biomarkers group

The Opportunity:

Scientist role in the Oncology Biomarkers group supporting both biomarker discovery and clinical translational research in the fields of Cancer Signaling and Cell Biology. The individual will focus on laboratory-based discovery and preclinical validation of biomarker hypotheses for novel agents in the IDEAYA precision medicine portfolio. Experimental approaches will include functional validation of predictive biomarker candidates through knockdown or overexpression in cell line models, as well as *in silico* efforts to understand prevalence and prognostic significance of predictive biomarkers in relevant patient populations. The role will also entail efforts to develop robust and translatable pharmacodynamic biomarker assays using *in vitro* approaches as well as *in vivo* in close collaboration with the Pharmacology groups. The individual will also contribute to the interrogation of biomarker hypotheses in the clinic through assay development and analysis of biomarker data from clinical patient samples.

Major Duties/Responsibilities

- Design and conduct research experiments independently in the areas of molecular and cell biology
- Strong commitment to conducting cutting edge laboratory research
- Analyze and interpret scientific data independently
- Present data and report on project status at individual, team and departmental research meetings

- Interrogate biomarker hypotheses experimentally using an array of techniques, including but not limited to: cloning, mutagenesis, PCR, CRISPR/Cas9, DNA and RNA sequencing, western blotting, immunofluorescence, cell culture of cell lines and primary human samples, cell proliferation and viability assays and general cell based assay development.

Personal Strengths:

- A proven self-starter and team player with strong interpersonal skills who establishes & nurtures highly effective relationships with colleagues and key stakeholders to support and advance project goals and objectives
- Critical thinker with a solutions-oriented mindset
- Self motivated to work effectively and collaboratively in a dynamic environment
- Possess strong organizational skills and conflict resolution abilities

Professional Requirements:

- PhD degree in molecular biology or related discipline and 3+ years of related experience in industry setting or MS/MA degree in related discipline and 5-8+ years of related experience
- Strong background in cancer research and general knowledge of cancer biology
- Excellent command of molecular and cell biology techniques and advanced data analysis tools
- Excellent verbal and written communication skills
- Ability to work independently in a dynamic and fast-paced environment
- Bioinformatics expertise and familiarity working with genomic datasets would be a plus
- Experience in drug discovery and/or development is desirable