

### **Sr. Research Associate/Research Scientist, Protein Biochemistry**

IDEAYA Biosciences 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 is seeking a South Francisco based Senior Research Associate or Research Scientist. This individual will have a strong background in protein biochemistry. 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 new cancer therapeutics.

#### **Qualifications:**

The qualified individual will possess a BA/BS and/or MS in Biochemistry, Molecular Biology or a related field with 5+ years of experience in experience protein biochemistry with demonstrable value-building achievements. The successful candidate will have experience expressing, purifying and characterizing proteins for enzymology and/or protein crystallography. Other qualifications will include, but are not limited to:

- Express, purify and characterize proteins from cell-free, bacterial, yeast, insect and/or mammalian expression systems.
- In depth knowledge of molecular biology/cell culture, protein chemistry and enzymatic assays. Molecular biology experience (clone design, synthesis, and characterization) would be beneficial.
- Experimentally determine methods to optimize yields for expression, and potentially refolding of proteins expressed in denatured form.
- Experience developing methods and optimizing workflows for protein purification, including refolding steps.
- Experience in protein characterization (SDS PAGE, Western Blotting, quantification) and chromatography by affinity, IEX, and SEC with a strong working knowledge of AKTA FPLC systems.
- Ability to troubleshoot challenging technical, experimental, and instrumental issues
- Scale-up preparation employing fermentation instrumentation and protocols is a plus.
- Must be able to work independently and contribute in a team environment.
- 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 in an environment of scientific curiosity and open exchange of ideas.
- Excellent verbal and written communication skills.

#### Responsibilities

- Develop purification processes for novel protein targets for enzymology and structural biology
- Optimize new expression and purification protocols for new enzyme targets
- Develop standard operating procedures and document protocols
- Responsible for monitoring quality and participating in trouble-shooting any issues that arise