



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 **Group Leader** for the newly formed X-ray crystallography group based in South San Francisco. Reporting into the Head of Research the position will be responsible for building, and leading, all aspects of protein structure determination. This will include protein characterization, determination of high-resolution, three-dimensional protein structures, crystallization and structure solution of medically important structures and target-ligand complexes. As a part of integrated drug discovery teams, you will interact with computational and medicinal chemists to design new scaffolds and improve lead compounds. The successful candidate must be able to work collaboratively across disciplines, be an enthusiastic team player, and have excellent communication skills.

#### **Responsibilities:**

- Collaborate with colleagues in biochemistry, biology, and chemistry to develop structural biology strategies to support our projects
- Design crystallography quality protein constructs and assist in the optimization of protein expression and purification protocols
- Carry out protein crystallization, data collection and processing, structure determination, refinement and post-structure analysis of protein and protein-ligand complexes
- Proactively work with project teams to interpret the key binding features and protein-ligand interactions and collaboratively propose design ideas and hypotheses to improve them
- Help maintain group infrastructure and instruments
- Actively manage collaborations with contract research organizations (CROs) and academic partners
- Lead writing of scientific publications on relevant topics - abstracts, posters, oral presentations and manuscripts as appropriate
- Other projects when assigned

#### **Qualifications**

- A relevant Ph.D. and 7-10 years of combined postdoctoral and industrial experience

- Expertise in all aspects of macromolecular X-ray Crystallography is required
- Strong computational and molecular modeling skills, deep understanding of molecular conformation and interactions, and experience in structure-based drug design
- Experience with, and demonstrated ability to, manage CRO's
- Excellent interpersonal and written communication skills in English (other languages a plus)
- Dynamic and innovative scientist with a well-developed sense of teamwork
- Ability to multi-task in a fast-paced dynamic environment while demonstrating a calm and positive attitude and a superior work ethic