

## **JOB DESCRIPTION**

**Job Title: Research Associate I**

**Department: Research Biology**

**Contact: [careers@kainomyx.com](mailto:careers@kainomyx.com)**

---

**SUMMARY:** Kainomyx's mission is to revolutionize the treatment of malaria and other parasitic diseases. The company's platform combines recent breakthroughs in parasite biology with leading-edge biochemical and biophysical approaches developed by the Founders for the development of efficient and highly specific drugs against pivotal target components of the parasites. Founded by world leaders in contractile protein biology, Kainomyx was launched in 2019 and has secured funding from leading life sciences investors.

The Research Associate will work as a member of the Research Biology Group. Under general supervision, the Research Associate will provide experimental support for Kainomyx's discovery programs.

Duties will include protein purification, enzymatic characterization of contractile proteins, and mechanism-of-action studies. In addition, responsibilities will include biochemical assay development and optimization, running biochemical assays in low to medium throughput, presenting work at group meetings and preparing data for team presentations. The Research Associate will work with an immediate supervisor on scientific problems of moderate to high complexity. The Associate will work in a multidisciplinary environment and is expected to work effectively with other members of a team. The Research Associate is expected to be an active learner, wishing to develop his/her scientific understanding and experience.

### **ESSENTIAL DUTIES AND JOB RESPONSIBILITIES:**

- Experience with protein expression and purification, including affinity and ion exchange chromatography is required. Experience with both recombinant and native protein purification is preferred.
- Experience with cell culture techniques is preferred.
- Experience with basic biochemical laboratory techniques such as UV-Vis spectroscopy, enzyme assays, biochemical assays is required.
- Experience running biochemical assays in plate-based formats is preferred.
- Must be able to effectively communicate and work collaboratively in a team environment.
- Experience with word processing, spreadsheets, data analysis and scientific software is preferred.
- Knowledge of data analysis and basic statistics is required.

## **EDUCATION/EXPERIENCE/SKILLS:**

### **Education:**

- B.S. in biochemistry, biophysics, chemistry or biology OR M.S. in a related field

### **Experience:**

- 1-2 years of laboratory experience

### **Knowledge/Skills/Abilities:**

- Excellent verbal communication, interpersonal, organizational, and presentation skills.
- Ability to plan and perform experiments with minimal supervision in a manner consistent with the timeline and objectives of ongoing research projects.
- Ability to operate complex scientific equipment, select appropriate methods and techniques to perform experiments, and analyze data.
- Ability to independently interpret experimental outcomes and recognize anomalous results
- Excited to participate in and present data at team meetings.
- Highly motivated, seeking scientific and personal development; keen to learn and apply new techniques and technologies.

We are unable to sponsor visas currently.

### **DISCLAIMER:**

*The preceding job description has been designed to indicate the general nature and level of work performed by employees within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities, and qualifications required of employees assigned to the job.*

*Comply with company policies and applicable laws. Employees are required to read and understand company policies, complete required training, seek clarification when questions arise, and keep up with changes as their roles and responsibilities change. Non-compliance with applicable laws, company policies, standard operating procedures, and guidelines could lead to termination.*