

## **RESEARCH TECHNICIAN**

### **Position Summary**

We are seeking an entry-level/moderately experienced Research Technician to be an integral member of an OIST Proof-of-Concept project led by Dr. Eugene Kroll to develop a platform technology for the enhanced production of value-added natural compounds (<https://groups.oist.jp/stg/eugene-kroll>). The research will include microbial strain engineering and optimization, bench-scale fermentation, purification and downstream processing of value-added compounds, and data analysis.

### **Responsibilities:**

- Conduct experiments to engineer biological systems and improve fermentation and downstream processing metrics at lab scale
- Operate bench scale fermenters, make fermentation media, operate filtration and cell lysis equipment and all essential lab equipment and devices to support biotech research
- Conduct sample preparations and support analytical research activities
- Maintain the research space, record data, perform initial analysis
- Prepare media, clean and sterilize equipment

Report to the Lab manager

### **Requirements**

- B.S. in Biology, Chemistry, Biotechnology, Biochemistry or a related field
- 0-3 years of lab experience
- Oral communication skills in English

### **Capabilities**

- Motivated, excellent organizational, interpersonal and communication skills, and ability to multitask
- Ability to effectively organize work activities and prioritize tasks to meet deadlines
- Hands-on approach, using analytical, reasoning and problem-solving skills
- Enjoy working in a team