



Laboratory Technician – Biosensor Development

Work Integrated Learning (WIL) Voucher

Company Bio:

Allos Bioscience Ltd. is a biotechnology company based in Lethbridge, Alberta that utilizes protein engineering to develop custom biosensors for research, cleantech, and other industries. Our biosensors are able to detect and measure specific small molecules in solution in real-time providing valuable data to make informed decisions on the fly. Currently, we are working to launch our initial prototypes into the market and start development on the next generation of biosensors. We are looking for dedicated individuals with a passion for science willing to work with our team to characterize and improve current and future biosensors for use in a range of industrial processes.

Our Mission: Allos Bioscience seeks to bring innovation to a range of fields utilizing advances in protein engineering and synthetic biology.

See www.allosbioscience.com for more information about our company.

We thank all applicants, however, only candidates selected for an interview will be contacted.

Job Title: Laboratory Technician – Biosensor Development

Job Description:

- Be willing to learn a range of biochemistry techniques including cell growth, protein purification, fluorescent-labeling of proteins, protein kinetics, spectroscopic measurements, and more from other team members.
- Perform protein purification and fluorescent labeling to generate biosensor variants.
- Keep detailed records and notes of all experiments conducted.
- Test biosensor variants under a range of conditions simulating industrial settings and in actual industrial samples to determine the optimal procedure for biosensor use.

- Work with other team members on experimental design, carrying out experiments, and developing product specification guidelines.
- Responsible for effectively communicating with direct supervisor on a daily basis. Attending weekly meeting with the team.

Skills & Qualifications:

- Excellent oral & written communication skills.
- Able to work effectively independently and with others to ensure project completion in a timely manner.
- Introductory or higher knowledge of biology, biochemistry, and chemistry.
- Enrolled in or completed a Bachelor of Science or similar undergraduate program.
- Previous work in a research lab is recommended but not required.

Location and Duration:

- The position is in Lethbridge, Alberta at the University of Lethbridge.
- The position lasts for 16 weeks between January and April 2022.

Does this position interest you? If so, email us with your resume and cover letter to harland@allosbioscience.com. We look forward to hearing from you!

Company contact:

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