Position: Research assistant in King and Vocadlo labs

Location: Simon Fraser University, Burnaby Campus, BC

Job overview: We are looking for a highly motivated individual with a background in biochemistry or related areas to work full-time on a research program supported by the Human Frontier Science Program exploring the biochemical basis of metabolite sensing in microorganisms.

Job description: Bacteria use metabolites to communicate with one-another and to adapt to their changing environments during infection. We are exploring how these chemical messages are decoded at the molecular level, with the goal of intervening for human benefit. The candidate will work on highly collaborative projects in this area across Dr. Dustin King’s new Laboratory of Molecular Microbiology and Dr. David Vocadlo’s Laboratory of Chemical Biology. In doing so, the candidate will work as part of an interdisciplinary team of scientists and will have opportunities to be trained in diverse areas including quantitative mass spectrometry, genetic engineering, structural biology, and molecular microbiology. In addition to this research, the successful applicant will be involved in lab manager roles in the King lab including maintaining equipment, laboratory organization and ordering, and training junior HQP.

Requirements:
- At least an MSc degree in an area related to biochemistry and molecular biology.
- Ability to manage and maintain equipment and lab inventories.
- Ability to plan and execute complex experiments.
- Expertise in diverse biochemistry and molecular biology techniques.
- Diverse organizational and management skills.
- Preference will go to local applicants.

Time commitment: One year contract, with the possibility of an extension. Priority will be given to those candidates that are interested in extending it into a long-term position.

Anticipated start date: Jan 2023 or asap. Applications will close on Dec. 15th, 2022.

This is an ideal position for a skilled scientist wanting to take on a long-term role doing cutting-edge biochemistry research in a fun and collaborative environment.

To apply please email the following to Dr. King:
1) Letter describing your interest in the position and goals
2) Curriculum vitae
3) Unofficial academic transcript
4) Contact information for three references

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