

# Postdoctoral Position

## Department of Chemistry

Simon Fraser University, Burnaby, British Columbia, Canada

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**Application Deadline:** June 30, 2022

**Start date:** September 1, 2022

**Website:** <https://www.sfu.ca/chemistry/department/employment/researchers.html>

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### Qualifications

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Ph.D. in either biochemistry, bio-organic chemistry, molecular biology or protein biophysics, obtained within the past two years. Abilities to work with small-molecule probes, protein extracts (of soluble and/or membrane-bound proteins) and protein purification/proteolysis systems are essential. Knowledge of basic synthetic organic chemistry methods is also necessary for this position, as some probes will need to be assembled from existing building blocks.

### Description

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The successful candidate will prepare biotinylated probes and use them to enrich proteins that bind to an active component that alters the chemical ecology of varroa mites (a parasite of honeybees). The mites initially are unable to arrest on their hosts, eventually become paralyzed and die. This activity is promising in the treatment of varroa infestation of honeybee colonies.

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### Application Materials

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To apply, please send a CV and a cover letter, outlining your interest in the position to Erika Plettner (plettner@sfu.ca). At the end of the letter please include the names and contact information of three persons who are willing to provide a reference on your behalf.

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### Submit applications and further questions to:

Erika Plettner

Mailing address:

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