

# Biology Seminar



Western  
UNIVERSITY · CANADA

12:30 - 1:30 pm  
Friday, October 28, 2022  
Via ZOOM



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University of Ottawa

## **From beneficial symbioses to plant-based vaccines: Adventures in the MacLean lab**

In this seminar, I will discuss ongoing research into mycorrhizal symbioses, including our successful isolation of novel fungal proteins secreted during symbiosis via proximity-based (BioID) labeling. I will also describe our efforts to develop plant-based mucosal vaccines against respiratory viruses such as SARS-CoV-2, using purified recombinant protein and nanoparticle technology. The MacLean lab opened its doors in 2018, and it has certainly been an interesting few years! We hope you can join us for this virtual seminar.

