

Dastmalchi



Earn your MSc or PhD in the Dastmalchi Lab!

We are looking for a MSc/PhD student to join the lab for **Fall 2023**. Students will join a vibrant community of graduate students at McGill University – *Canada's top university* (ranked 31st globally).

The **Department of Plant Science** at the Macdonald campus includes faculty exploring everything from the plant microbiome to epigenetics. We have world-class facilities, including a Multi-Scale Imaging Facility, a brand new Research Greenhouse, growth chambers at the Phytorium, and a fleet of chemical analytical instruments at the Macdonald Mass Spectrometry Platform. We are also situated on the largest green space on the island of Montreal, as well as agricultural fields designed for research.

Graduate students in the Dastmalchi lab will lead original research projects and they will be expected to make substantial and novel contributions to science through publications and presentations. They will receive training in **plant molecular biology**, **biochemistry**, and **synthetic biology**. Students will have biweekly one-on-one meetings, as well as lab meetings and journal clubs to engage with the team and learn new concepts/methodologies. Check the lab website to see the foci of interest.

Specific project: Genetic and metabolic investigation of non-model legume species producing medicinal compounds to mine for *synbio* "parts"

To apply:

Eligibility: Prospective students who have a **GPA of >3.5/4.0** should apply directly to mehran.dastmalchi@mcgill.ca. Necessary background in **molecular biology, biochemistry, or chemistry**.

In your email subject line please write (to help me sort your emails): **"Dastmalchi Lab Posting"**

Application package:

- CV
- Transcripts (BSc and, if applicable, MSc)
- Research statement (expertise and interests – specific to my lab) 1 page max.

Application deadline: **Dec 15th 2022**