

# Open graduate student position in the Stochaj lab

## DESCRIPTION:

We are looking for an **enthusiastic graduate student** to join our team. **Entry into the Ph.D. program is preferred**, but candidates who wish to complete the M. Sc. program will also be considered. The graduate student will work on a collaborative project that combines cell physiology, molecular and cell biology. The candidate's project will examine the molecular mechanisms that drive cellular senescence and organismal aging.

*The position is available fall 2024.*

For more information on the project, please take a look at our recent publications that are directly relevant to the project:

[1] Moujaber, O., H. Mahboubi, M. Kodiha, M. Bouttier, K. Bednarz, R. Bakshi, J. White, L. Larose, I. Colmegna, and U. Stochaj. 2017. Dissecting the molecular mechanisms that impair stress granule formation in aging cells. *Biochim. Biophys. Acta.* 1864:475-480. <https://doi.org/10.1016/j.bbamcr.2016.12.008>

[2] Chu, S., O. Moujaber, S. Lemay, and U. Stochaj. 2022. Multiple pathways promote microtubule stabilization in senescent intestinal epithelial cells. *npj Aging.* 8:16. <https://rdcu.be/dtrWH>

## ORGANIZATIONAL STATUS:

The candidate will enroll in the Physiology graduate program at McGill University.

Details on the graduate program are depicted here: <https://www.mcgill.ca/physiology/graduate-studies>.

Research will be multidisciplinary and conducted at McGill University and together with our collaborators at the McGill University Health Center.

McGill is fully committed to equity, diversity, and inclusion. **We encourage applications from all qualified individuals.**

## Skills & Experience

### QUALIFICATIONS AND PERSONAL ATTRIBUTES:

- Fluency in English, with good oral and written communication skills;
- Undergraduate degree ideally in cell biology, biology, biochemistry or a related field;
- Academic excellence, with a minimum cGPA of 3.2 on a 4.0 scale;
- Good knowledge in basic cell biology is an asset;
- Experience at the bench is advantageous, but not a pre-requisite;
- Scientific curiosity;
- Ability to work in a competitive field;
- Ability to work in a team;
- Must be available for a personal or Zoom interview.

## How to apply:

- Please reach out to Dr. Ursula Stochaj directly [ursula.stochaj@mcgill.ca](mailto:ursula.stochaj@mcgill.ca)
- All interested applicants must apply on the portal. More information including application deadlines can be found here: <https://www.mcgill.ca/physiology/graduate-studies/prospective-students/application-admission>
- Be sure to indicate in your personal statement that you are interested in this position.