

M.Sc. position to study the molecular regulation of ovarian function

Faculty of Veterinary Medicine, University of Montreal
Centre de recherche en reproduction et fertilité (CRRF)

Description: An M.Sc. student is needed to study the molecular regulation of ovarian function in cows. The selected candidate will join a research team under the direction of Dr Kalidou Ndiaye within the CRRF. The aim of our research is to identify target genes that contribute to the growth of the ovarian follicle towards ovulation. The functions of these specific genes in the last stages of follicular growth will be determined using bovine granulosa cells from *in vivo* and *in vitro* experiments followed by various approaches of molecular analysis.

A background in the areas of Biomedical sciences, Biochemistry or molecular biology is required.

Scholarship: The student will be funded through a two-year bursary and will also be encouraged to complete scholarship applications from internal and external granting agencies. An excellent academic record is essential.

Location: Saint-Hyacinthe campus of Université de Montréal, Faculté de Médecine vétérinaire.

Anticipated Start Date: January 2022. Be advised that the deadline for application submission for winter 2022 at Université de Montréal is May 1st 2021.

How to Apply: Interested candidates should send a CV with a brief cover letter to Dr Kalidou Ndiaye (k.ndiaye@umontreal.ca).