

The ANHE LAB is looking for a PhD student!

Are you a highly motivated and proactive student eager to pursue a PhD in a cutting-edge research environment? Look no further! Dr. Anhe's lab at Université Laval in the vibrant city of Québec is seeking dedicated individuals to join our team.

Why Québec City?

Québec City offers a unique blend of history, culture, and natural beauty. With its cobblestone streets, historic architecture, and stunning views of the St. Lawrence River, it's not just a city; it's an experience. Immerse yourself in a community where French is spoken but embrace the fact that our environment is multilingual and multicultural. In Québec City, English is not just accepted; it's embraced. And, as an added bonus, *you'll have the opportunity to learn French for free!*

Strength of Université Laval and IUCPQ Research Center:

The ANHE LAB is located at the Québec Heart and Lung Institute's Research Center, affiliated to Université Laval. As a leading research institution, Université Laval provides a dynamic and supportive academic environment. Our lab offers unparalleled resources, such as in-house animal facility with a germ-free sector, and state-of-the-art infrastructure for cell culture, mass spectrometry, culturomics, metagenomics, in vivo metabolic tests, and molecular biology. Our research centre has a unique biobank with human samples available for research experiments.

PhD Research Focus:

We are conducting groundbreaking studies to *unravel the intricate relationship between the gut and its colonizing microbes in the pathogenesis of diet-induced metabolic diseases*. As a PhD candidate in our lab, you'll have the chance to work with diverse mouse models, including Germ-Free mice, and utilize state-of-the-art methodologies for immunometabolic and gut function phenotyping.

Qualifications:

Candidates must hold or be on the verge of obtaining an *MSc degree*.

Key qualities for success in our program include *high motivation, proactiveness, and a passion for scientific inquiry*.

We are looking for candidates with excellent English skills (both oral and written), prior experience with mouse models, proficient in lab skills (pipetting, curve fitting, colorimetric assays, ELISA), and with expertise in at least one major molecular biology technique (qPCR, Western Blot).

Candidates are expected to apply for scholarships throughout the entire duration of the program (~ 5 years) to help offset costs with salary.

How to Apply:

Interested candidates are invited to submit their applications, including a CV, cover letter, and contact information for references, to fernando.forato-anhe@criucpq.ulaval.ca

We kindly request your understanding that *we will only be able to respond to emails from candidates whose profiles align with our current research needs.*