

Master's degree in nutrition research with Chantal Bémeur's team

Shaping the gut microbiota through a dietary intervention to regulate neuroinflammatory and degenerative processes in multiple sclerosis

General description of the project:

Our team is looking for a student to complete a master's degree in nutrition research, starting in winter or summer 2024, for a clinical nutrition research project to be carried out at the CRCHUM. In general, our research focuses on the involvement of nutritional factors in cerebral damage, including hepatic encephalopathy (a complication of liver disease). Through collaborations, we provide our nutritional expertise in relation to various pathologies, including multiple sclerosis. As part of this specific project, the student will be responsible for conducting a pilot intervention study to verify the impact of methionine (supplemented or restricted) on gut microbiota and neuroinflammatory markers in healthy adults. The student will perform a variety of tasks related to the research project, including recruiting participants, planning and carrying out research visits, administering questionnaires, following up participants, collecting and analyzing data. The student will have access to high-quality training and all the resources needed to carry out this project. Through his or her involvement in this essential project, the student will work as part of a dynamic and experienced research team with a background in clinical research, but above all will contribute to improving the quality of care for people suffering from multiple sclerosis.

Requirements:

- Candidates must be self-motivated, ready to take on challenges to obtain a graduate degree in nutrition.
- Be dynamic, organized, autonomous, responsible and scientifically curious, with an excellent academic record.
- Very good understanding of French and English.
- Be in the process of obtaining or hold a bachelor's degree in health sciences, ideally in nutrition (biology, biochemistry, biomedical sciences, etc.).
- Commitment to submit applications for bursaries.

Scheduled start date:

Flexible, as soon as possible

How to proceed:

Interested candidates are asked to send their full CV, together with university transcripts, to the following address: cv@hepato-neuro.ca

Chantal Bémeur, Dt.P., Ph.D.

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