FUNDED POSTDOCTORAL FELLOWSHIP in ENVIRONMENTAL NANOTECHNOLOGY

www.biocolloid.mcgill.ca

Job Description

The Biocolloids Laboratory at McGill University (www.biocolloid.mcgill.ca) is looking for a highly talented postdoctoral researcher to contribute to our research on the detection and impacts of nanoengineered materials and/or nanoplastics.

Research in the group includes projects on the detection of engineered nanomaterials and nanoplastics in the environment and their fate and impacts on various model organisms. The Biocolloids Laboratory is within the Department of Chemical Engineering at McGill University and our researchers have access to numerous state-of-the-art facilities on and off campus (e.g., an animal care facility, an advanced imaging facility, molecular analyses center, etc).

This position is funded through NSERC and the Canada Research Chairs program and may have a duration of up to 2 years contingent upon satisfactory performance and continued funding.

Qualifications and Experience

We seek a candidate with expertise in one or more of the following areas: (1) colloid chemistry; (2) physical chemistry; (3) environmental nanotechnology; (4) nanoplastics/microplastics. The ideal candidate is highly motivated, passionate about research in the environmental sciences and is keen to work in a collaborative environment. Familiarity with colloid characterization tools would be an asset. The candidate must have excellent oral and written English communication skills. The successful candidate will be expected to conduct independent research and collaborate with other team members, to write manuscripts for submission to high-impact scientific journals, to train graduate and undergraduate students in their research work and manuscript preparation, and to maintain selected laboratory instruments.

Benefits

The selected candidate will join a dynamic and diverse research team and enjoy significant freedom in his/her research directions. He/she will have excellent opportunities to learn new experimental techniques and research areas. McGill University is located in beautiful and vibrant downtown Montreal (Canada), recently named the world's best student city. The city is home to several world-class universities and research centers that offer opportunities for research collaboration and access to cutting-edge research facilities.

Salary will be competitive and commensurate with qualifications. To apply for the position, please send a cover letter, academic resume, and list of 3 references to Prof. Nathalie Tufenkji (nathalie.tufenkji@mcgill.ca). Review of applications will begin immediately.