

PhD and Postdoc Positions Available to Characterize the Function of the Small Regulatory RNAs Expressed by *Legionella pneumophila*

PhD and Postdoc positions are available at McGill University, Macdonald Campus. The students will work with Dr. Sebastien Faucher in collaboration with Dr. Eric Massé (U. Sherbrooke) and Petra Rohrbach (Institute of Parasitology)

Legionella pneumophila (*Lp*) is an intracellular pathogen that infects human alveolar macrophages and causes a pneumonia called Legionnaires' disease. Many small regulatory RNAs (sRNAs) expressed by *Lp* have been identified, but their function is still unknown. The goal of this project is to characterize the function of *Lp*'s sRNAs, during infection of host cells, by using genetic and molecular techniques, such as RNA-seq. This project is funded by CIHR.

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Interested applicants should hold a BSc degree in microbiology or biochemistry or a related field. Experience in molecular biology and/or confocal microscopy is considered an asset. Start date: fall 2015 or winter 2016.

Please send a detailed CV, university transcripts and contact information of 2 references to:

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