Dr. El Bachir Affar research team is looking to recruit highly motivated students for a PhD. The candidates should have a training in molecular biology or biochemistry or a related discipline (cell biology), have excellent grades and organizational skills, and a strong interest in cell signaling and molecular oncology.

Applicants should submit a resume, university transcript, and a cover letter in one pdf document.

Contact: Professor El Bachir Affar (el.bachir.affar@umontreal.ca)


The goal of our research is to understand the roles of ubiquitin signaling in fundamental DNA-dependent processes most notably transcription regulation and DNA damage/repair. We are using biochemical and molecular biology approaches to investigate the function and mechanism of action of the deubiquitinase and tumor suppressor BAP1, which represents an excellent paradigm for understanding how deubiquitination coordinates DNA-dependent processes and protect against cancer development. The students will acquire a robust experience in state-of-the-art techniques/approaches in biochemistry, molecular oncology and cellular signaling.

https://crhmr.ciusss-estmtl.gouv.qc.ca/fr/chercheur/el-bachir-affar

Selected publications:


Autodeubiquitination protects the tumor suppressor BAP1 from cytoplasmic sequestration mediated by the atypical ubiquitin ligase UBE2O. https://pubmed.ncbi.nlm.nih.gov/24703950/