



**Ph.D. in BIO-NANOTECHNOLOGY
(BIO-ORGANIC CHEMISTRY OR BIOCHEMISTRY)**
Department of Chemistry, University of Montreal

Prof Alexis Vallée-Bélisle, director of the Laboratory of Biosensors and Nanomachines (LBN) located at Université de Montréal is looking for motivated and bright individuals interested in pursuing graduate studies towards a Ph.D in the bio-nanotechnology field. Programs are available in the Department of Chemistry and (or) the Department of Biochemistry of University of Montreal.

LBN research projects:

- Development of DNA-based bio-electronic switches for the rapid detection of disease markers or environmental analysis.
- Development of DNA-based nanomachines for targeted drug delivery (cancer)
- Development of auto-regulated catalysts.

Located in the Pavillon Roger-Gaudry of the Université de Montréal, the Department of Chemistry offers state-of-the-art instrumentation and competitive salaries.

Qualifications: relevant experience in one or more of the following areas would be an asset: electrochemistry, fluorescence, thermodynamics, and structural biology. Excellent candidate with a B.Sc. degree may be accepted to M.Sc. with possibility of direct passage to the Ph.D. Eligibility of student to excellence studentships is an asset.

For more information, consult www.nanomachineslab.org or contact Prof Vallée-Bélisle

Please send your resume to:

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