

12 October 2016

## **MSc/PhD position in laser 3D bio-printing**

A Ph.D. or M.Sc. position is available at the Vision Health Axis - Maisonneuve-Rosemont Hospital Research Center (CRHMR). The student will join the newly-established laboratory of Dr. Christos Boutopoulos at CRHMR. The mission of the laboratory is to develop novel laser-assisted technologies for improved intraocular drug delivery and tissue engineering.

### **Project description**

The student will develop a **laser bio-printing platform**. The platform will be employed for **3D printing of vascular networks**. The successful candidate will have a great opportunity to engage in cutting-edge interdisciplinary research.

### **Student profile**

- B.Sc. /M.Sc. degree(s) in biomedical or physics engineering, physics, biology or related field
- Experience in lasers/optics and/or cell handling is an asset
- PhD candidates: 1 research article (published or submitted)
- MSc candidates: knowledge of French is required for the MSc programs
- Strong writing and communication skills in English (working language)

Non-registered students will be enrolled in Biomedical or Physics Engineering programs at UdeM or Polytechnique Montréal.

**Salary:** According to the CRHMR salary range for graduate students.

**Application:** For additional information, please contact Dr. Boutopoulos by email. For applying, send us your CV, cover letter and university transcripts by email.

**Application deadline:** open until filled

Dr. Christos Boutopoulos,  
Research Investigator, CRHMR  
Research Assistant Professor, Department of Ophthalmology, UdeM  
5415 Assomption Boulevard, Montreal, QC H1T 2M4  
[christos.boutopoulos@polymtl.ca](mailto:christos.boutopoulos@polymtl.ca)  
514-252-3400 ext. 4464