

04 April 2017

MSc/PhD position in laser 3D bio-printing (Position ID: 003)

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
- Strong writing and communication skills in English (working language)

Non-registered students will be enrolled in the Biomedical Engineering program at UdeM.

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

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