



UNIVERSITÉ  
**LAV**AL

Faculté de  
médecine dentaire

The Oral Ecology Research Group (GREB) is a research group located at the Faculty of Dentistry at Laval University. It contributes to the preservation of oral health and to the prevention of consequences of oral diseases on general health and quality of life. GREB researchers train the next generation of scientists in the field of biomedical research (microbiology, immunology, virology, phage biology, molecular biology, tissue engineering and biomaterials), dental research (periodontal and endodontic infections, candidiasis) and oral care.

### **Functions**

The laboratory of Drs. Roberto D. Fanganiello and Vanessa Houde is looking for a postdoctoral fellow in the fields of biopolymers and cell-biomaterial interaction. The project will include methods related to biomaterials science, 3D bioprinting, mechanobiology, stem cell biology, microbiology, and molecular analysis. The project aims to develop an alginate hydrogel for bone regeneration.

### **Requirements**

- PhD in a relevant field (chemistry, biomaterials science, cell-based regenerative biology etc.);
- Good knowledge of biopolymers, in particular those based on alginate;
- Expertise and autonomy in data processing and analysis;
- Writing of scientific articles;
- Good organizational skills and ability to work independently;
- Aptitude for teamwork and skills necessary to participate in the supervision of students;
- Ability to analyze scientific problems and propose solutions.
- Ability to create and innovate through new theoretical or experimental approaches.

### **Conditions**

Years of experience required: 0-2

Full time: 35 hours/week

Temporary: 1 year contract, renewable

Salary: According to experience

### **To apply**

- Curriculum vitae
- Cover letter
- Contact details of three reference persons

Please send a cover letter as well as a CV and the contact details of three reference persons (in a single pdf document) to the following addresses:

[roberto-dalto.fanganiello@greb.ulaval.ca](mailto:roberto-dalto.fanganiello@greb.ulaval.ca), [vanessa.houde@fmd.ulaval.ca](mailto:vanessa.houde@fmd.ulaval.ca)

Only selected candidates will be contacted.