

Microbial Biopolymers (Pathogenesis & Biomaterials)

Position Details

Position Information

Position Title Microbial Biopolymers (Pathogenesis & Biomaterials)

Posting Number F466P

Type of position Tenure Stream

Department/Unit Applied Oral Sciences

Location Halifax, Nova Scotia, Canada

About the opportunity The Faculty of Dentistry, Dalhousie University, is seeking applications for a full-time tenure-stream position at the rank of Assistant Professor in the Department of Applied Oral Sciences.

The Department of Applied Oral Sciences is a multidisciplinary basic science department within the Faculty of Dentistry. Faculty interests include biomaterials and biomedical devices, tissue mechanics, cell/implant interactions, microbiology, and local therapeutic delivery. To complement the research conducted within the Faculty, applications are being sought from candidates with strong research expertise relating to pathogenesis and advanced materials associated with microbial biopolymers. Candidates specializing in the discovery of, and/or applied research relating to (i) synthesis pathways of microbial polymers as it relates to pathogenicity and persistence, and (ii) establishing the utility and unique materials properties of microbial biopolymers for applications in the broad field of materials science and biomedical engineering are especially encouraged to apply.

The successful candidate will have a Ph.D. in one of the following areas: chemical, materials or biomedical engineering; material / polymer chemistry; biophysics; microbiology or a related discipline, and academic or industrial post-doctoral experience. This individual will be expected to compete effectively for extramural research funding and maintain an active research program that has the capacity to attract both NSERC and CIHR funding. In addition, the successful candidate will contribute to undergraduate and graduate teaching in the Faculty of Dentistry, and will actively engage in graduate student supervision in the Faculty of Dentistry or within a relevant academic unit (e.g., the Faculty of Medicine, including but not limited to the Department of Microbiology & Immunology and the School of Biomedical Engineering).

Dalhousie University is one of Canada's leading teaching and research universities with four professional Faculties, a Faculty of Graduate Studies and a diverse complement of graduate programs. Inter-faculty collaborative and interactive research is encouraged, as is cooperation in teaching. Dalhousie University inspires students, faculty, staff and alumni to make significant contributions regionally, nationally, and to the world.

Dalhousie University is located in Halifax, Nova Scotia, Canada. Halifax is a vibrant, capital city and is the business, academic, and medical centre for Canada's east coast.

Review of candidates will continue until the position is filled. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Dalhousie University commits to achieving inclusive excellence through continually championing equity, diversity, inclusion, and accessibility. The university encourages applications from Indigenous persons (especially Mi'kmaq), persons of Black/African descent (especially African Nova Scotians), and members of other racialized groups, persons with disabilities, women, and persons identifying as members of 2SLGBTQ+ communities, and all candidates who would contribute to the diversity of our community. For more information, please visit www.dal.ca/hiringfordiversity.

To guarantee full consideration, applications must be submitted by April 21, 2023. This position could commence as early as July 1, 2023. However, applications will continue to be accepted until the position is filled. Applicants should submit a letter of application that includes a statement of the applicant's research interests (maximum of 3 pages) and teaching philosophy (maximum of 1 page), a curriculum vitae, and the names and contacts for three referees.

Posting Detail Information

Open Date 03/09/2023

Close Date	04/21/2023
Open Until Filled	Yes
Quick Link for Direct Access to Posting	https://dal.peopleadmin.ca/postings/12919

Documents Needed to Apply

Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)
3. List of referees
4. Teaching Statement
5. Research Statement

Optional Documents