

Title of Program: Role of Microbiome in Human Diseases

Dept/Center/Lab: Oral Medicine Laboratory

Principal Mentor: Farah K. B. Mougeot, PhD
Director, Microbiome Research
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Summary Description:

Our laboratory uses molecular-based strategies to study the role of microbiota in health vs. disease. Currently, we use microbial metagenomics to determine the microbial profile of oral cavity and the human genes involved in various diseases such as cancer and cardiovascular diseases.

Expectations and Role of Student:

The student is expected to be enthusiastic about the research and work diligently. She/ he will be working closely with the lab director, laboratory technical staff, and other investigators in the Department of Oral Medicine and Dental Clinic on one of the ongoing projects. The student will be expected to prepare an abstract for presentation and a manuscript for submission to a journal in the field.