BOSTON COLLEGE

DEPARTMENT OF BIOLOGY

Postdoctoral Position in Bacterial ncRNA Regulation

Job description

A postdoctoral position utilizing high-throughput approaches to study the biology of structured RNA regulation in bacteria, and/or the impact of translation inhibiting antibiotics on structural RNA regulation, is available in the Meyer Lab at Boston College. The Meyer lab utilizes computational and experimental approaches to address a variety of questions surrounding the role of RNA regulation in organismal fitness, the relationship between sequence and RNA function, and how antibiotics influence RNA structure within the cell. For more information about the lab see: https://meyerlabrna.org. The position is available immediately.

The candidate will preferentially perform both computational and experimental work (including mouse experiments) that focus on ncRNA regulation in bacteria, but individuals only interested in either experimental or computational aspects are encouraged to apply.

Requirements

- Ability to conduct collaborative research.
- Excellent English communication skills both in written and oral form.
- A PhD in molecular biology, microbiology, computer science, bioinformatics, biochemistry, biophysics or a related discipline. A strong willingness and ability to learn is considered more important than experience in topics specifically studied by the lab.
- A track record of publications in peer-reviewed journals.
- Experience with any of the following is a plus: mouse experiments, NGS-techniques, transcriptomics, statistical methods, programming languages (e.g. Python, Perl) and analysis of large-scale sequencing data.

How to apply

Please send a cover letter, a letter describing your professional interests and ambitions, a curriculum vitae and contact information for at least two references to Dr. Meyer m.meyer@bc.edu. Applications will be considered until the position is filled.

The college and department

Boston College is situated on a beautiful campus dating back to the beginning of the twentieth century and is closely located to downtown Boston and Cambridge. The Biology Department and the lab have strong ongoing collaborative efforts with surrounding institutes including Harvard, MIT, and Tufts University. The core faculty in the Biology Department conducts research in areas including HIV, SIV, Toxoplasma, the immune system, and microbial community structures.

HIGGINS HALL, 444A, 140 COMMONWEALTH AVENUE, CHESTNUT HILL, MASSACHUSETTS 02467
TEL: 617–552–0735 EMAIL: M.MEYER@BC.EDU WEB: BIOINFORMATICS.BC.EDU/MEYERLAB