

Postdoctoral position In Biochemistry / Microbiology at the University of Minnesota

Dear All,

A Postdoctoral position is immediately available in the group of Mikael Elias in the Department of Biochemistry, Molecular Biology and Biophysics at the University of Minnesota, USA.

The research at our lab combines structural biology, enzymology, bioinformatics, and microbiology (<<http://www.eliaslab.org/>> <http://www.eliaslab.org/>). The successful candidate will work with bacterial signaling. Project involves identification of enzymes, characterization, structural studies, and microbiological studies to decipher the effects of enzymes interfering with signaling on bacteria. The ultimate objective of these studies is to develop molecular tools and apply them to study the importance of chemical signaling in single bacteria and in complex communities.

We are looking for a candidate with excellent track record and motivation to identify and solve scientific problems with creative approaches. The lab is hosted in the BioTechnology Institute, a highly stimulating environment, extremely multidisciplinary with extensive opportunities to gain expertise in cutting edge methods and techniques.

The Institute belongs to the University of Minnesota, founded in 1851 (<<https://twin-cities.umn.edu/>> <https://twin-cities.umn.edu/>). It is one of the largest university in the United States, and ranks amongst the most prestigious research universities in the world. The campus is located in the heart of the Minneapolis-St Paul (Twin Cities) area, an enjoyable,

affordable place, extremely rich in cultural events and natural attractions.

Required qualifications

- A PhD thesis in Biochemistry, Molecular biology, Structural Biology or related areas.
- Scientific excellence as demonstrated by a solid track record.
- Experience in microbiology

Additional qualifications

- Experience with biofilm and virulence assays
- Experience with sequencing data analysis is a plus (e.g. 16s rRNA)
- Experience in structural biology is a plus but NOT required.

Your application should include:

1. Letter of motivation with a short description of your research and career interests (1page)
2. CV

3. Names and contact information for 2-3 references. Please include your relation to them.

4. Indicate a possible, approximate starting date.

The University of Minnesota is an equal opportunity educator and employer.

Inquiries and applications should be sent to Mikael Elias (<mailto:mhelias@umn.edu>) with subject header (Postdoc position) by March 31, 2018.