



Postdoctoral Position in Bacterial Cell Biology/Signal Transduction

A postdoctoral research fellow position is available in the laboratory of **Dr. Prahathees Eswara** in the Department of Cell Biology, Microbiology, and Molecular Biology at the University of South Florida (USF) in Tampa, FL. The major goal of the Eswara lab (www.eswaralab.com) is to understand cell division regulation in *Bacillus subtilis* and *Staphylococcus aureus*, and initiation of asymmetric cell division (at the onset of sporulation) in *B. subtilis*. Another research focus in the lab is to identify factors and pathways that contribute to the development of antibiotic resistance. The research programs of the Eswara lab are funded by the National Institutes of Health (NIH; R35GM133617) and the salary for the postdoc position will be based on NIH pay scales.

Responsibilities: Apart from research, responsibilities include mentoring and training junior lab members, writing scientific manuscripts/grant applications, and assisting with lab management. A personalized career development and mentoring plan will be jointly prepared by the PI and the postdoctoral fellow.

Requirements: A Ph.D. degree in either Microbiology, Biochemistry, Molecular Biology or a related discipline completed prior to the expected start date is required. Strong background in bacterial genetics and/or biochemical techniques is required. For a list of preferred skills, visit this [link](#). Demonstrated fluency in both written and oral communication is required.

Research Environment: The PI shares lab space with two researchers (Dr. Lindsey Shaw and Dr. Wenqi Yu) who also conduct different aspects of *S. aureus* research. Between the three labs there is an abundance of genetic tools and other scientific resources for innovation, and opportunities for shared mentorship and collaboration. Our proximity to USF-Health (College of Medicine) and the Moffitt Cancer Center, and our multi-institutional Bacteriology Interest Group meetings, provide an intellectually stimulating environment.

Application: To apply for the position, email (eswara@usf.edu) a single pdf document composed of a cover letter, statement of research experience and interests, and CV with the contact information of three references. Review of applications will begin immediately and continue until the position is filled. Start date is negotiable.

Location: Tampa Bay is a multi-cultural metropolitan region with a population of more than 3 million people and offers all the luxuries of a city at a considerably low cost of living. The beaches of Tampa Bay region are consistently ranked among the best in the US. World-class theme parks such as Disney World and Universal Studios are an hour away and Busch Gardens is just minutes from the USF campus. Inexpensive sailings to explore the Caribbean, Mexico, and Central America are available from cruise ports of Tampa, Port Canaveral, and other ports of Florida.