

Post-doctoral Position for Microbiologist to Support Drug Discovery Research

The laboratory of Dr. Daniel Flaherty in the Department of Medicinal Chemistry and Molecular Pharmacology at Purdue University is seeking a post-doctoral research associate in the field of microbiology to support NIH funded drug discovery efforts against novel antibacterial targets of interest in our laboratory. The laboratory is a vibrant research environment and highly interdisciplinary with medicinal chemistry, biochemistry, and structural biology teams all supporting antibiotic drug discovery efforts in search of novel inhibitors for enterococcus and *Neisseria gonorrhoeae* pathogens. The successful candidate will gain valuable experience and understanding of the drug discovery process and contributing to a team for advancement of molecules. Required degree/skills: PhD (or expected PhD) with experience in microbiology supported by peer-reviewed publications. Required experience includes antimicrobial testing (MICs, killing kinetics, etc), mutant isolation, bacterial genetic manipulation, target identification. Desired Skills - Candidates with experience in Omics approaches (transcriptomics, proteomics, metabolomics) in the context of drug treatment are especially encouraged to apply.

The candidate would have access to world-class facilities and instrumentation to support their work. Other responsibilities include managing data, managing strain library, maintaining a laboratory notebook, assisting graduate students in microbiology, and manuscript preparation. This position is funded by a grant from the National Institutes of Health in search of novel inhibitors for new antibacterial targets. The position offers a competitive salary commensurate upon experience plus benefits and is contingent upon meeting progress milestones. The successful applicant will be assessed for productivity on a bi-annual basis with the option of yearly renewal if agreed upon by both parties.

Interested candidates should submit a cover letter, CV and at least 3 references that are familiar with the candidate's experience and research potential to <https://careers.purdue.edu/job-invite/24145/>. The position is open immediately, however, start date is flexible and negotiable depending on the availability of the candidate. For more information, please visit <https://www.flahertylab.com/positions>