

The Feldman Laboratory at the Department of Molecular Microbiology, Washington University School of Medicine in St. Louis, is recruiting postdoctoral fellows to study the pathogenesis of the multidrug resistant bacterium *Acinetobacter baumannii*. The Feldman Lab employs biochemistry, genetics, molecular biology, and structural biology to examine host-pathogen and bacteria-bacteria interactions. These positions are funded by NIH.

The goals are to: (1) understand the molecular basis of *Acinetobacter* infections, in particular urinary tract infections; and (2) to investigate the mechanisms employed by this bacterium to outcompete other bacterial species, such as the type VI secretion system (T6SS).

Successful applicants should have a strong background in microbiology and biochemistry or molecular biology. Excellent communication skills and previous first-author publications in internationally recognized journals are required.

References:

- 1 Harding et al. Nat Rev Microbiol. 2018 Feb;16(2):91-102. doi: 10.1038/nrmicro.2017.148.
- 2 Weber et al. Proc Natl Acad Sci USA. 2015. doi: 10.1073/pnas.1502966112. PMID: 26170289.
- 3 Harding et al. PLoS Pathog. 2016. doi: 10.1371/journal.ppat.1005391. PMID: 26764912
- 4 Weber et al. MBio. 2016. doi: 10.1128/mBio.01253-16. PMID: 27729508.

About Washington University and St. Louis:

Washington University School of Medicine (WUSM), located in St. Louis, Missouri, is one of the top biomedical research institutions in the United States. St. Louis, the "Gateway to the West" is a thriving metropolitan area of 2.8 million people that retains the friendly character of the Midwest. The fun and culture of a big city are readily available, but living here is easy and affordable.

How to Apply: Applicants interested in the position should send their curriculum vitae, statement of research interests, along with contact information for three references, to Dr. Mario Feldman (mariofeldman@wustl.edu).

Lab website: <http://feldmanlab.wustl.edu/>