Postdoctoral Research Fellow Position in Bacterial Pathogenesis and Host-Pathogen interactions at UT Health Science Center, Houston, TX

We are seeking a highly motivated PhD or equivalent graduate to join our research project in the Department of Pathology and Laboratory Medicine at the University of Texas Health Science Center at Houston. The research in our lab currently focuses on the bacteria pathogenesis and host-pathogen interactions using Signature-Tagged Mutagenesis in combination with Luminex®-based high-throughput screening procedures, and infectivity studies to identify genes and gene products required for infectivity in a mouse model.

We use the spirochete *Borrelia burgdorferi* as a model bacterium to study the fundamental aspects of bacteria pathogenesis and host-pathogen interactions, and their relationship with microbial physiology, structure, and genetics. Armed with profound knowledge and broad experience in cutting-edge technologies, our lab is poised to advance our understanding the mechanisms of the pathogenesis and host-pathogen interactions.

The candidate should have a demonstrated publication record and strong background in molecular biology/bacteria pathogenesis and/or *B. burgdorferi* gene inactivation and genetic complementation.

The successful applicant will be working in an active research department within the renowned Texas Medical Center (TMC). To apply, please email a cover letter, CV, and names and contact information of three referees to Dr. Tao Lin at Tao.Lin@uth.tmc.edu