Post-doctoral Position in Virus-Host Interactions

A post-doctoral training position is available in the laboratory of Dr. Don Gammon in the Department of Microbiology at UT Southwestern Medical Center. The Gammon laboratory (https://www.utsouthwestern.edu/labs/gammon/) develops and utilizes novel model systems to discover highly conserved features of virus-host interplay with the ultimate goal of identifying new antiviral therapeutic strategies. Recently, we reported the development of an arbovirus infection model that utilizes the free-living nematode, Caenorhabditis elegans as a host. We seek a highly-motivated individual with interests in virus-host interactions to use this new in vivo model system, in combination with human cell culture studies, to identify conserved host factors regulating arbovirus replication in both invertebrate and mammalian hosts. Our laboratory uses a combination of cell biological, molecular, biochemical, and genomic approaches to mechanistically interrogate virus-host interactions. The Department of Microbiology at UT Southwestern is one of the premier medical microbiology departments in the United States and UT Southwestern Medical Center is the No. 1 ranked academic medical center in the world for publishing high-quality scientific research, according to the Nature Index 2018 Annual Tables. Therefore, post-doctoral fellows will have an excellent scientific environment to train in.

Required qualifications: The successful candidate must hold a Ph.D. degree and be a recent graduate, not having held an earlier post-doctoral position for more than two years. At least two years of experience with C. elegans culture and microinjection as a graduate student and/or early stage post-doctoral fellow is required. Experience mentoring students/trainees and strong interpersonal and communication skills are also required.

Preferred qualifications: Experience with virus and cell culture is desired but not required. Experience with design, execution, and bioinformatic analysis of next-generation sequencing studies is also highly desirable.

To apply: Send CV, statement of research interests, and contact information for at least two references to: don.gammon@utsouthwestern.edu

UT Southwestern Medical Center is an Affirmative Action/Equal Opportunity Employer. Women, minorities, veterans, and individuals with disabilities are encouraged to apply.