



Research Microbiologists/Bioinformatician

The Food and Drug Administration (FDA) for the Department of Health and Human Services (DHHS), Moffett Research Center of the Institute for Food Safety & Health (IFSH), is seeking a full-time position to serve as a research microbiologist or bioinformatician who will participate in a collaborative research program at IFSH. This person will be appointed to a 1-year fellowship position, with a possibility of yearly renewal for up to 5 years. The research fellowship program is administered by Oak Ridge Associated Universities. The fellowship does not include benefits. The participant will be part of a multidisciplinary team involved in performing whole genome, RNA, and metagenomics sequencing and genomic analysis of foodborne microbes, including pathogenic, spoilage and toxin producing microorganisms. The candidate will also assist in training of students on molecular laboratory techniques. The successful candidate will co-author scientific publications and deliver presentations at scientific meetings under the leadership of the principal investigator and assist in communicating research findings to the sponsor and stakeholders.

Minimum qualifications and skills include a strong background in microbiology, biology, computational biology, or molecular biology, and use of high throughput sequencing techniques. Proficiency in use and maintenance of Illumina MiSeq, and/or Oxford Nanopore instruments is desired. In addition, familiarity in the use of bioinformatic software and pipelines is important. The ideal candidate should be proficient in sample preparation techniques including culturing of microbes, DNA/RNA extraction, and sequencing library preparation. Knowledge and familiarity in interpretation of whole genome, metagenomic and transcriptomic data is also highly recommended. The candidate must be familiar with using SOPs and maintaining accurate laboratory records and notebooks. Strong academic credentials and experience in biology/microbiology/molecular biology/bioinformatics is a plus. In addition, the incumbent must assist in the interpretation and evaluation of the results of analysis to determine validity and scientific significance. Excellent verbal and written communication skills are needed.

Position Location: 6502 S. Archer Rd., Bedford Park, IL 60501

Vacancy Job Title: Research Microbiologist/Bioinformatician

Required Education: M.S. or Ph.D. in biology, microbiology, bioinformatics, computational biology or molecular biology or closely related field

Salary: Up to \$85,000 per year or commensurate with education and experience

U.S. Citizenship or permanent residency is preferred

Contact: Kristin Schill, Ph.D. (Kristin.Schill@fda.hhs.gov)

DHHS is an Equal Opportunity Employer and has a Smoke-Free Workplace.