

Scientist I in Branford, CT

Job Type: Full-time, **Work Environment:** Research Laboratory and shared workspace. 0-5% Travel.

Who Is Ancera?

Ancera is a pioneer in the development and commercialization of Microbial Security products. Ancera's flagship PIPER™ platform is the fastest microbial quantification and characterization solution across the food, agriculture, and livestock supply chains.

Powered by patented MagDrive™ technology, PIPER™ generates pathogen and microbiome data in hours instead of weeks. The PIPER™ analytics engine aggregates microbial data in an operational context. This enables verifiable chain of custody and microbial risk assessment at each point in the supply chain.

Ancera is currently looking for a biologist with a passion for developing their microbiology & molecular biology skillset to help develop new products for our PIPER™ platform. Prior experience working with food pathogens common in the poultry processing industry is preferred but not required.

In your tenure at Ancera, you will:

Complete the following goals:

- Participate in the development, validation, and commercialization of antibody-based pathogen capture products for *Salmonella*, *Listeria*, and *Campylobacter* for the PIPER™ platform
- Contribute to NGS and/or probe-based hybridization product development programs

How will you achieve above mentioned goals?

- Working with a multidisciplinary team of research scientists, you will help design and execute experiments critical to timely product launches
- Characterize biological reagents such as antibodies and cell labeling systems to support development and commercialization activities
- Generate validation data to verify product performance and to support external organization requirements for food and animal health testing (such as AOAC/AFNOR/ISO)
- Incorporate descriptive statistical analysis and deliver concise presentations to peer review groups such as marketing, sales, customers, and technical functions

Who Are You?

Personality traits

- Passionate about working on challenging disruptive technologies
- Self-starter who can work independently and within a team
- Excellent interpersonal skills and ability to work well with personnel at all levels
- Confident asking questions as well as exchanging feedback with other team members
- Ambition driven with critical thinking skills.
- Must have absolute attention to detail

- Perform well under fast paced and challenging product and market requirements
- Highly organized with the ability to prioritize and advance competing priorities
- Considerable problem solving and decision-making skills
- Able to contribute technically to projects outside of their responsibility
- Willingness and ability to mentor junior employees
- Polite, persistent and patient

Technical Skills:

- Researcher with strong technical and scientific background
- Highly skilled at standard microbiology, molecular biology, and/or immunoassay techniques
- Experience working with diverse microbial organisms (e.g. bacteria, parasites, and other microbes)
- Demonstrated ability to quickly learn a variety of protocols. Self-motivated to learn new tools and technologies
- Commitment to laboratory safety and compliance with all associated rules, regulations, and guidelines
- Training and experience handling pathogenic bacteria in a biosafety Level 2 (BSL-2) environment is preferred
- Effectively communicate issues and results that impact timelines, accuracy, and reliability of laboratory data to senior management
- Familiarity with current food pathogen test methods is preferred

Education/Experience:

Required: BS/MS in microbiology or related field with a minimum two (2) years of laboratory experience

Preferred:

- Prior experience with assay development
- Prior experience working with animal samples