

## **Senior Molecular Biologist Job 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 experienced Molecular Biologists to improve the precision of the PIPER™ platform and extend their technology into new markets.

### **In your tenure at Ancera, you will:**

Complete the following goals:

- Develop, validate, and commercialize nucleic acid probe based products for pathogen detection including salmonella, listeria and campylobacter
- Participate and present extensive research in co-development meetings with industry leading animal health, vaccine, feed additive, and anti-microbial companies
- Actively support commercialization of same-day genomic sequencing of isolated pathogens

How will you achieve above mentioned goals?

- Independently design, execute, and report on experiments
- Characterize biological reagents such as oligo-probes and antibodies to support development and commercialization activities (e.g. shelf life and stability studies)
- Prepare and produce validations that meet AOAC/AFNOR/ISO requirements for food and animal health testing
- Incorporate descriptive statistical analysis and deliver concise presentations to peer review groups such as marketing, sales, customers, and technical functions
- Collaborate with customers on pilot projects

### **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
- Considerable problem solving and decision-making skills

- Highly organized with the ability to prioritize and advance competing priorities
- Perform well under fast paced and challenging product and market requirements
- 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 in current molecular biology methods including probe hybridization technologies and next-generation sequencing
- Experience running antibody-based assays, developing reagents and product specifications
- Effectively communicate issues and results that impact timelines, accuracy, and reliability of laboratory data to senior management
- Demonstrated ability to troubleshoot, optimize, and validate experiments without supervision
- Some experience working with microfluidic systems is preferred
- Training and experience handling pathogenic bacteria in a biosafety Level 2 (BSL-2) environment is highly preferred

#### Education/Experience:

MS/PhD in molecular biology, microbiology, food and animal science, or related field with 4+ years of experience or BS candidates with 8+ years' experience. Prior experience with successful product launches and assay development strongly preferred.