

Job Title: Senior Microbiologist
Time Status: Full-time
Location: Hamden, CT
Salary: Competitive

Job Description:

Don't let your choice of career force you into the rat-race of the big cities such as New York or Boston.

Come join our team.

Vanessa Research is a Hamden, Connecticut-based biomedical company which focuses on the development of novel anti-diarrheal medications. Our team is family-friendly within an environment conducive to open unrestrained dialog and invention.

We are seeking a microbiologist/cell biologist with experience and knowledge in the area of development of the *in vivo* and *in vitro* modeling systems for pathogens. Experience with intestinal pathogens, both bacterial and viral is preferred.

We are currently looking for a microbiologist at post-doctoral (+) level for working on treatment development for infectious secretory diarrheas, such as cholera, E. coli and rota/noroviral diarrheas.

The work will concentrate around virology in many aspects, including aspects of phage integration into the bacterial genome; cloning and editing the phages to manipulate the CRISPR escape mechanisms; and also establishment of physiologically relevant *in vitro* and *in vivo* models of infectious diarrhea that would be suitable for quantifying the efficacy of our treatment.

In addition, we are interested in developing models accurately reproducing host/pathogen interactions and symptoms of gastrointestinal disease, with the idea of further using these models for testing candidate drug compounds.

Must have proficiency in the areas of method development and optimization; mammalian, bacterial and viral culture methods and pathogen detection and verification methods.

The position will provide an opportunity to contribute to the strategic direction of the company and make an impact by supporting our ultimate goal of 'giving hope where none existed.'

Qualifications

- PhD preferred (or M.S.) in molecular biology/ biochemistry
- 3 years of experience (with M.S.)
- 1 year of experience (with Ph.D.)
- Excellent deductive reasoning and critical thinking
- Excellent time and project management skills
- Effective communication skills
- Organized and meticulous
- Ability to work effectively in a diverse work environment
- Proficient with MS Office tools

What we offer

- Competitive compensation with performance incentives
- Work with a global, diverse team of dedicated, highly-skilled professionals
- Opportunity to join a rapidly growing business at an early stage, where each employee can make a difference and directly contribute to the success of the company

About Vanessa Research:

VRI was founded on the desire to build a 21st century, sustainable, innovative, entrepreneurial organization by bringing together a collection of diverse scientists, engineers, business professionals, and academics to create solutions in medicine. The company has etched its niche in developing innovative products by commercializing complex ideas with simple solutions. This is done by creating a respectful teamwork environment conducive to open unrestrained dialog and invention.