

Internship description:

EmitBio is seeking a senior graduate student that is interested in working in the industry setting. The successful candidate will join the Virology team at EmitBio to conduct preclinical research surrounding novel light-based technologies and their impacts on the host. Research can include cell-based assays, molecular biology, antiviral assays, and development of novel assays to support team needs. The Virology team utilizes multiple approaches to identify novel model systems for respiratory viruses, the effects of light on respiratory cells, and how light inhibits viral replication. Preclinical research within the Virology team supports the clinical development of light-based devices against respiratory pathogens.

Deliverables:

- Well-maintained lab notebook
- Technical reports detailing internship experimental outcomes/findings
- Presentation detailing experience at EmitBio

Qualifications:

- Extensive BSL-2 laboratory experiments, preferably within a virology, microbiology, or immunology lab.
- Experience with maintaining mammalian cell cultures.
- Familiarity (conceptual or practical) with common lab assays, such as qPCR, ELISA, RNA extraction, transfection, etc.
- Creative thinker with positive attitude and problem solving skills.
- Excellent communication skills.

Location: Morrisville, NC