



Posting Date: 04 May 2022

Job Type: Permanent

Discipline: Biotechnology, Vaccines, Antivirals

Location: New York, NY or Boston, MA

Benevira is seeking Synthetic Biologist for our growing US based laboratory. We are in search of a motivated individual who will create a database for our R&D team to build a foundation of potential opportunities for discovery. This individual will lead efforts to generate new or expanded work for our R&D team. Everyone in our R&D team, has a passion for science, is detail oriented, and enjoys working in a dynamic fast paced environment. Members of your R&D peer group, are located in other global locations which will require scientific collaboration virtually.

Job Responsibilities:

- Develop a database of parts using computational and experimental data that will be used for training a deep-learning model for the reliable design of functional broad-spectrum antiviral therapeutic modules.
- Develop and execute a robust applied research program in synthetic biology.
- Hands-on execution, management and leadership in complex R&D initiatives involving synthetic biology.
- Developing external partnerships, collaborations, and strategic relationships within academia, industry and regulatory agencies.
- Contribute technically to on-going projects in antiviral and vaccine research areas including, but not limited to: synthetic biology, bioinformatics/computational biology, and biodefense.
- Provide technical analysis and foundational strategy of emerging technologies.
- Prepare and present reports, whitepapers, tutorials, and other materials for communication of progress, challenges, and data to colleagues, regulatory agencies, conferences and other opportunities as applicable.
- Independently authoring documentation, presentations and IP for the company.

Skills and Requirements:

- A degree in Biochemistry, Cell Biology, Molecular Biology, Biomedical Engineering, Computational Biology, Synthetic Biology, Systems Biology or a closely related field.
- 5+ years of related experience.
- Experience in multi-disciplinary collaborative projects (e.g. working with Computational Biologist, Chemists, Physicists, etc.).
- Solid communicator with the ability to lead teams from remote locations.
- Experience interacting creatively and productively with other scientists / engineers.
- International travel as needed, requirement up to individual in the role.
- Self motivated with intellectual curiosity and excitement to perform research involving complex experimental and computational pipelines.
- Ability to work in a fast-paced environment.