**Scientist - Virology**

**Job Summary:**

Carver Biotherapeutics is seeking a Scientist to join our Platform group. Reporting to the Director leading the Platform group, this individual will develop and validate RNA-targeting strategies. This role offers exposure to cutting-edge molecular techniques, an organizational and company build, leadership, and an ample opportunity to be a high-impact trailblazer in the emerging field of Cas13-based therapeutics.

To apply send a copy of your CV to [info@carver.bio](mailto:info@carver.bio)

**Responsibilities:**

* Produce and propagate recombinant viruses using cell lines, including culturing and maintaining appropriate propagation cell lines.
* Perform standard plaque viral tittering assays to support in vivo and in vitro evaluation of viral infections
* Perform neutralization assays and hemagglutinin inhibition assays with viruses.
* Work with Molecular Biologist to establish various Viral RNA quantification assays including RT-qPCR, etc.
* Support, with opportunity to lead in vivo evaluations of infection and end point analysis of in vivo samples
* Conduct research including planning and conducting experiments and data analysis.
* Locate and review literature pertinent to projects and to identify/modify the most applicable protocols and methods for experiments.
* Develop methods for research projects, and collect, organize and record experimental data suitable for publication.
* Troubleshoot assays and adjust scientific methodology to correct problems or deficiencies in experiments and studies
* Maintain accurate laboratory records to ensure proper retention of scientific data.
* Serve as subject matter expert and provide technical assistance across the organization.

**Qualifications and Education Requirements**

* BS, MS or PhD in related field with 5 to 7 years of experience
* PhD in Bioengineering, Virology or other similar field, or equivalent
* Minimum of two years experience in Virology or a related field.
* Experience working with influenza viruses strongly preferred.
* Ability to work in a team and communicate effectively.
* Demonstrated experience working in a BSL-2 laboratory environment.
* Demonstrates knowledge of maintaining accurate and detailed records.
* Demonstrates knowledge of proper laboratory disposal methods and safety procedures.
* A "Biotech mindset" and flexibility in implementing new strategies, cutting-edge technologies, and methods when faced with obstacles in executing platform technologies/studies
* Ability to communicate best path forward strategies effectively with cross-functional teams and contribute to platform advancement
* Ability to work both independently and collaboratively in a fast-paced, interdisciplinary research team

**About us:**Carver Biosciences is an emerging biotherapeutics company co-founded by pioneers in CRISPR as well as experienced Biotech veterans. We are focused on the development of CRISPR systems that target the RNA viruses and transcriptome and driving these capabilities to developing successful therapeutic strategies.