



Research Associate, Quality Control

Vaccitech

Oxford Science Park
Supervisor: Director Virology, Vaccitech

POSITION SUMMARY:

Vaccitech Ltd is seeking a Research Associate with experience in analytics to join a team focused on viral vectored vaccines research and development. The successful candidate will play an integral role in conducting bench studies to support vector production and process development to progress the adenovirus and the MVA vaccine vector platforms. Specifically, the Research Associate will perform routine quality control assays as well as assist the Senior Scientist (Analytics) in the development of new analytical methods to characterise viral vaccine vectors.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Perform routine quality control assays on viral vectored vaccine preparations (physical titer, infectious titer, sequence verification, transgene expression)
- Support the Senior Scientist in tech transfer of routine analytical techniques used for the testing of viral vectored vaccines.
- Assist in the development of new analytical assays, including the use of flow cytometry, qPCR, next-generation sequencing, SDS-PAGE, ELISA
- Ensure data integrity is maintained for all work performed.
- Assist in ordering supplies, making reagents and maintaining the laboratory in order to conduct necessary experiments
- Evaluate and perform analytic assays to determine the quality, yield, stability, etc. of specific candidates or of specific manufacturing process conditions.
- Work under GLP-like conditions, with the appropriate requisite training, documentation, and attention to following defined Operating Procedures or Work Flow diagrams
- Ensure that the laboratory and activities comply with GLP-like standards and that all results produced are reviewed and presented appropriately.
- Participate in laboratory meetings

Perform other duties as required.

QUALIFICATIONS AND REQUIREMENTS:

1. Bachelor's degree in the biological sciences
2. At least 2 years of relevant work experience, ideally in industry, with demonstrated experience in analytical laboratory work with biologicals
3. Proficient in conducting research using a variety of assays/methodologies; e.g. viral titers, PCR/qPCR, DNA sequence interpretation, ELISA, western blot
4. Excellent writing and communication skills; ability to understand and communicate scientific information; proficiency in Powerpoint, formatting charges, graphic displays and tables
5. A self-starter with the ability to work in a fast-paced environment and adapt quickly to changing needs and priorities; proven ability to prioritize and manage multiple tasks simultaneously.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

LANGUAGE SKILLS

English fluency