



## Senior Scientist, Analytics

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### Vaccitech

Oxford Science Park  
Supervisor: Director Virology, Vaccitech

### POSITION SUMMARY:

Vaccitech Ltd is seeking a senior scientist with experience in analytics to join a team focused on viral vectored vaccines research and development. The successful candidate will perform existing quality control assays as well as play a critical role in the development of new analytical methods to characterise viral vaccine vectors, including (but not limited to) adenoviral and poxviral vectors. Required qualifications include a PhD degree in a Biological or Biochemical Science as well as working knowledge of molecular biology and assay development. A background in virology is highly desirable but not essential.

### ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Perform routine quality control assays on viral vectored vaccine preparations (physical titer, infectious titer, sequence verification, transgene expression)
- Lead, support and perform Tech transfer of routine analytical techniques used for the testing of viral vectored vaccines.
- Lead 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.
- Lead, participate in the investigation or review of quality deviations and out of specification results.
- Compliance with regulations, guidelines and best practice.
- Manage data in appropriate systems to ensure compliance and data integrity.
- Provide data and/or writing section for regulatory submissions

Perform other duties as required.

## **QUALIFICATIONS AND REQUIREMENTS:**

1. PhD with more than 2 – 5 years of relevant experience in industry (Molecular Biology, Biochemistry, or Analytical Methods development).
2. Applicants must have a solid background in one of the following areas:
  - Quality control methods for biologics, including qPCR
  - Viral vector characterisation assays
3. Extensive interpersonal and management skills, with ability to work independently and collaboratively with other scientists and laboratorians.
4. Meticulous bench working habit, precise record-keeping, and strong organizational and communication skills
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.

## **TRAVEL REQUIREMENTS:**

Minimal

## **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