



## Research Associate, Process Development

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Oxford Science Park  
Supervisor: Senior Scientist, Process development. Vaccitech Ltd.

### POSITION SUMMARY:

The role of the Research Associate will be to conduct and assist in the evaluation of new processes in viral vectored vaccine production. The research associate will also help to improve existing processes to improve efficiency and quality. They will ensure that all studies, tests and procedures performed in the laboratory follow quality procedures.

There will be an element of laboratory based viral vector production work to assist the manufacturing team and ensure that recombinant viral vector seed stocks are produced in a timely manner using approved methodology and that quality systems are complied with.

Previous experience in a cGMP environment will be an advantage.

### ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Work with the PD and manufacturing teams to optimize existing processes for production, downstream processing and method validation of recombinant Modified vaccinia Ankara (MVA), simian adenovirus vectors, and other novel viral vectors.
- Perform and evaluate TFF process for DSP of MVA and adenoviral vectors.
- Perform and evaluate IEX process for purification of adenoviral vectors.
- Perform and evaluate other methods where relevant and required.
- Perform analytical assays to determine the quality, yield, stability, etc. of specific candidates or of specific manufacturing process conditions.
- Transfer processes to the Vaccitech manufacturing team and assist with any training required.
- Assist with recombinant virus seed stock production as required.
- Ensure all processes and documentation comply with the required standard.
- Participate in the development and conduct of laboratory meetings, and give presentations inside and outside the company as required
- Attend at least one relevant scientific meeting per year to continue educational advancement
- Perform other duties as required.



# vaccitech

## **QUALIFICATIONS AND REQUIREMENTS:**

- Degree in biological science or equivalent industrial experience.
- AT least two years' experience with demonstrated practice in cell culture systems, virus/protein purification methods and downstream processing techniques.
- Experience of using a variety of methodologies; e.g., TFF, IEX, SEC, FACS, QPCR, immunohistochemistry, ELISA, Western blot, viral growth curves, viral titration.
- Excellent writing and communication skills; ability to understand and communicate scientific information; proficiency in PowerPoint, Microsoft Project or alternative project planning application.
- 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.
- Other Skills: We care most about your technical aptitude and ability to quickly and enthusiastically learn new technologies.

## **TRAVEL REQUIREMENTS:**

none

## **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.

## **HAZARDOUS WORKING CONDITIONS:**

Not applicable

## **LANGUAGE SKILLS**

English fluency

Please email CV and covering note to [ali.turner@vaccitech.co.uk](mailto:ali.turner@vaccitech.co.uk)