

Job description and selection criteria

Job title	Pre-GMP Scientist
Division	Medical Sciences
Department	Nuffield Department of Clinical Medicine (NDM)
Location	Clinical Biomanufacturing Facility, Headington, Oxford
Grade and salary	Grade 6: £28,660 -£34,189 per annum
Hours	Full time
Contract type	Fixed-term for 2 years, in the first instance.
Additional information	Funded by Department – Clinical BioManufacturing Facility
Vacancy reference	141883

The role

The Clinical BioManufacturing Facility is the University of Oxford's GMP (Good Manufacturing Practice) manufacturing facility, where basic research into vaccines can be translated into Investigational Medicinal Products (IMPs) for use in clinical trials.

The CBF has over 20 years' experience producing biological IMPs according to GMP for early phase clinical trials. It has a Manufacturer's Authorisation (MA) for IMPs from the Medicines and Healthcare Products Regulatory Agency (MHRA) and is currently manufacturing adenoviral vectors for use as novel vaccines. Our current portfolio of products includes vaccines against pathogens with significant global disease burden, including malaria, HIV, Zika, Ebola, MERS and many others.

We are seeking to recruit a scientist to join our pre-GMP team to develop biological starting materials and to analyse their suitability to enter GMP manufacture. The ideal candidate will have significant laboratory experience with mammalian cell culture and a desire to work as part of a dedicated team motivated to produce high quality vaccines with the potential to have global impact. This is a great opportunity for a competent scientist to gain experience in working in a regulated laboratory setting.

Responsibilities

- Produce pre-GMP grade starting materials suitable for use in the CBF's cleanrooms or by external contract manufacturing organisations (CMOs)
- Carry out laboratory work to a high standard and provide accurate and legible record keeping at all times
- Contribute to project summaries and reports
- Write and review Standard Operating Procedures
- Assist with the transfer of IMP production and purification technologies developed elsewhere into the CBF
- Optimise the yields of new IMPs being produced at the CBF
- Communicate developments and results to colleagues at the CBF on a regular basis and participate in client meetings as required
- Contribute effectively to the aims and objectives of the group by adopting flexible working methods and hours
- Participate in general laboratory maintenance tasks, including equipment purchase, maintenance and validation, routine cell culture, buffer preparation, consumables ordering, and routine documentation.
- Take responsibility for the health and safety of yourself and others

Pre-employment screening

All offers of employment are made subject to standard pre-employment screening, as applicable to the post.

If you are offered the post, you will be asked to provide proof of your right-to-work, your identity, and we will contact the referees you have nominated. You will also be asked to complete a health declaration (so that you can tell us about any health conditions or disabilities so that we can discuss appropriate adjustments with you), and a declaration of any unspent criminal convictions.

We advise all applicants to read the candidate notes on the University's pre-employment screening procedures, found at: www.ox.ac.uk/about/jobs/preemploymentscreening/.

Hazard-specific / Safety-critical duties

This job includes hazards or safety-critical activities. If you are offered the post, you will be asked to complete a health questionnaire which will be assessed by our Occupational Health Service (OHS), and the offer of employment will be subject a successful outcome of this assessment.

- Work with any substance which has any of the following pictograms on their MSDS:



Selection criteria

Essential selection criteria

- A degree in a relevant biological/biomedical subject
- Experience in mammalian cell culture, in suspension and adherent cells
- Experience in molecular biology, PCR and gel electrophoresis
- Ability to keep excellent experimental and data records
- Self-motivated and capable of working independently in a laboratory
- Strong ability to multi-task under time pressure
- Good interpersonal skills
- Excellent attention to detail
- Experience in performing & troubleshooting cell and/or virus quantification assays

Desirable selection criteria

- Experience in virus production and purification methods, particularly adenovirus
- An understanding of GMP principles
- Able to work when required in a cleanroom environment (high level of personal hygiene required)
- Experience in assay development and verification / validation
- Experience writing and following SOPs
- Knowledge of viral vector engineering

About the University of Oxford

Welcome to the University of Oxford. We aim to lead the world in research and education for the benefit of society both in the UK and globally. Oxford's researchers engage with academic, commercial and cultural partners across the world to stimulate high-quality research and enable innovation through a broad range of social, policy and economic impacts.

We believe our strengths lie both in empowering individuals and teams to address fundamental questions of global significance, while providing all our staff with a welcoming and inclusive workplace that enables everyone to develop and do their best work. Recognising that diversity is our strength, vital for innovation and creativity, we aspire to build a truly diverse community which values and respects every individual's unique contribution.

While we have long traditions of scholarship, we are also forward-looking, creative and cutting-edge. Oxford is one of Europe's most entrepreneurial universities. Income from external research contracts in 2016/17 exceeded £564m and we rank first in the UK for university spin-outs, with more than 130 companies created to date. We are also recognised as leaders in support for social enterprise.

Join us and you will find a unique, democratic and international community, a great range of staff benefits and access to a vibrant array of cultural activities in the beautiful city of Oxford.

For more information, please visit www.ox.ac.uk/about/organisation.

Medical Sciences

The Medical Sciences Division is an internationally recognized centre of excellence for biomedical and clinical research and teaching. We are the largest academic division in the University of Oxford

World-leading programmes, housed in state-of-the-art facilities, cover the full range of scientific endeavour from the molecule to the population. With our NHS partners we also foster the highest possible standards in patient care.

For more information please visit: www.medsci.ox.ac.uk

Nuffield Department of Clinical Medicine (NDM)...fostering your career in science

The Nuffield Department of Clinical Medicine (NDM) is one of the largest departments of the University of Oxford and is part of the Medical Sciences Division, with responsibility for a significant part of the teaching of clinical students within the Medical School.

NDM has significant financial turnover and complexity, resulting from its diverse research portfolio, its geographical spread and its close links with NHS funding and strategic teams involved in the development and delivery of increasingly integrated clinical research platforms. For more information please visit: <http://www.ndm.ox.ac.uk/home>

The Nuffield Department of Clinical Medicine has been presented with a Departmental Athena SWAN Silver award in recognition of the commitment made to promote gender equality through our organisational and cultural practices and our efforts to improve the working environment for both men and women. For more information please see our Departmental Athena SWAN pages: www.ndm.ox.ac.uk/working-for-ndm/aboutndmatheneswan/ .

The Jenner Institute

The Jenner Institute was founded in November 2005 to develop innovative vaccines against major global diseases. Uniquely it focuses both on diseases of humans and livestock and tests new vaccine approaches in parallel in different species. A major theme is translational research involving the rapid early-stage development and assessment of new vaccines in clinical trials.

For more information please visit: department website <http://www.jenner.ac.uk/>

Clinical BioManufacturing Facility

The Clinical BioManufacturing Facility, part of the Jenner Institute, is the University of Oxford's Medicines and Healthcare Products Regulatory Agency (MHRA)-approved GMP (Good Manufacturing Practice) manufacturing facility, where the basic research into vaccines and potential advanced therapies can be translated into the manufacture of novel vaccines classed as Investigational Medicinal Products (IMPs) for use in first in human clinical trials.

The CBF has over 20 years' experience producing biological IMPs according to GMP for early phase clinical trials. It has a Manufacturer's Authorisation for Investigational Medicinal Products (MIA IMPs) from the MHRA. The CBF has manufactured almost 20 novel vaccines for first-in-man studies, as vaccines for infectious disease and cancer therapy and has supported over 60 clinical trials.

For more information please visit: <http://www.cbf.ox.ac.uk/home>

How to apply

Before submitting an application, you may find it helpful to read the 'Tips on applying for a job at the University of Oxford' document, at

http://www.ox.ac.uk/about_the_university/jobs/research/

http://www.ox.ac.uk/about_the_university/jobs/professionalandmanagement/

http://www.ox.ac.uk/about_the_university/jobs/supportandtechnical/

If you would like to apply, click on the **Apply Now** button on the 'Job Details' page and follow the on-screen instructions to register as a new user or log-in if you have applied previously. Please provide details of two referees and indicate whether we can contact them now.

You will also be asked to upload a CV and a supporting statement. The supporting statement must explain how you meet each of the selection criteria for the post using examples of your skills and experience. This may include experience gained in employment, education, or during career breaks (such as time out to care for dependants). Your application will be judged solely on the basis of how you demonstrate that you meet the selection criteria stated in the job description.

Please upload all documents **as PDF files** with your name and the document type in the filename.

All applications must be received by **midday** on the closing date stated in the online advertisement.

Information for priority candidates

A priority candidate is a University employee who is seeking redeployment because they have been advised that they are at risk of redundancy, or on grounds of ill-health/disability. Priority candidates are issued with a redeployment letter by their employing department(s).

If you are a priority candidate, please ensure that you attach your redeployment letter to your application (or email it to the contact address on the advert if the application form used for the vacancy does not allow attachments).

Should you experience any difficulties using the online application system, please email recruitment.support@admin.ox.ac.uk. Further help and support is available from www.ox.ac.uk/about_the_university/jobs/support/. To return to the online application at any stage, please go to: www.recruit.ox.ac.uk.

Please note that you will receive an automated email from our e-recruitment system to confirm receipt of your application. **Please check your spam/junk mail** if you do not receive this email.

Important information for candidates

Data Privacy

Please note that any personal data submitted to the University as part of the job application process will be processed in accordance with the GDPR and related UK data protection legislation. For further information, please see the University's Privacy Notice for Job Applicants at: www.admin.ox.ac.uk/councilsec/compliance/gdpr/privacynotices/job/. The University's Policy on Data Protection is available at: www.admin.ox.ac.uk/councilsec/compliance/gdpr/universitypolicyondataprotection/.

The University's policy on retirement

The University operates an Employer Justified Retirement Age (EJRA) for all academic posts and some academic-related posts. The University has adopted an EJRA of 30 September before the 69th birthday for all academic and academic-related staff in posts at **grade 8 and above**. The justification for this is explained at: www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/.

For **existing** employees, any employment beyond the retirement age is subject to approval through the procedures: www.admin.ox.ac.uk/personnel/end/retirement/acrelretire8+/.

There is no normal or fixed age at which staff in posts at **grades 1–7** have to retire. Staff at these grades may elect to retire in accordance with the rules of the applicable pension scheme, as may be amended from time to time.

Equality of Opportunity

Entry into employment with the University and progression within employment will be determined only by personal merit and the application of criteria which are related to the duties of each particular post and the relevant salary structure. In all cases, ability to perform the job will be the primary consideration. No applicant or member of staff shall be discriminated against because of age, disability, gender reassignment, marriage or civil partnership, pregnancy or maternity, race, religion or belief, sex, or sexual orientation.

Benefits of working at the University

Employee benefits

University employees enjoy 38 days' paid holiday, generous pension schemes, travel discounts, and a variety of professional development opportunities. Our range of other employee benefits and discounts also includes free entry to the Botanic Gardens and University colleges, and discounts at University museums. See www.admin.ox.ac.uk/personnel/staffinfo/benefits.

University Club and sports facilities

Membership of the University Club is free for all University staff. The University Club offers social, sporting, and hospitality facilities. Staff can also use the University Sports Centre on Iffley Road at discounted rates, including a fitness centre, powerlifting room, and swimming pool. See www.club.ox.ac.uk and www.sport.ox.ac.uk/oxford-university-sports-facilities.

Information for staff new to Oxford

If you are relocating to Oxfordshire from overseas or elsewhere in the UK, the University's Welcome Service website includes practical information about settling in the area, including advice on relocation, accommodation, and local schools. See www.welcome.ox.ac.uk.

There is also a visa loan scheme to cover the costs of UK visa applications for staff and their dependents. See www.admin.ox.ac.uk/personnel/permits/reimburse&loanscheme/.

Family-friendly benefits

With one of the most generous family leave schemes in the Higher Education sector, and a range of flexible working options, Oxford aims to be a family-friendly employer. We also subscribe to My Family Care, a service that provides practical advice and support for employees who have caring responsibilities. The service offers a free telephone advice line, and the ability to book emergency back-up care for children, adult dependents and elderly relatives. See www.admin.ox.ac.uk/personnel/staffinfo/benefits/family/mfc/.

Childcare

The University has excellent childcare services, including five University nurseries as well as University-supported places at many other private nurseries.

For full details, including how to apply and the costs, see www.admin.ox.ac.uk/childcare/.

Disabled staff

We are committed to supporting members of staff with disabilities or long-term health conditions. For further details, including information about how to make contact, in confidence, with the University's Staff Disability Advisor, see www.admin.ox.ac.uk/eop/disab/staff.

Staff networks

The University has a number of staff networks including the Oxford Research Staff Society, BME staff network, LGBT+ staff network and a disabled staff network. You can find more information at www.admin.ox.ac.uk/eop/inpractice/networks/.

The University of Oxford Newcomers' Club

The University of Oxford Newcomers' Club is an organisation run by volunteers that aims to assist the partners of new staff settle into Oxford, and provides them with an opportunity to meet people and make connections in the local area. See www.newcomers.ox.ac.uk.