



School of Health and Medical Sciences
Infection and Immunity Research Institute

Research Scientist

Ref: 677-26-R

JOB DESCRIPTION

Post Title	Research Scientist
Grade	CSG 5
Contract type	12 Months Fixed Term/ Secondment
Responsible to	Senior Research Scientist
Accountable to	Prof. Kirsty Le Doare
Responsible for	
Liaises with	Maternal and Neonatal Vaccinology Research group

Overall purpose of job

The Maternal and Neonatal Vaccinology Research group is recruiting a Research Scientist to contribute to developing immunology laboratory assays, processing of samples, and data analysis, from clinical and vaccine trials in maternal and paediatric research. Our research focuses on Immunology and Vaccinology, notably on Group B Streptococcus, Pertussis, and Klebsiella pneumoniae.



1. Main Duties and Responsibilities

Laboratory work

- Working to Good Clinical Practice, Good Clinical Laboratory Practice (GCP/GCLP) and Human Tissue Act (HTA).
- Performing routine sample testing on immunoassays (MIA, ELISA, flow cytometry).
- Performing routine cell culture or bacterial culture.
- Performing literature review and laboratory testing for the development of molecular, cellular, and microbiology research assays.
- Writing SOPs and work sheets for relevant techniques.
- Analysing data and performing quality checks using Excel, Prism and others.
- Contributing to the training and supervision of students and junior members of staff.
- Contributing to scientific outputs; manuscripts, presentations, posters etc at internal and external meetings.

Housekeeping/ Administration

- Contributing to the routine maintenance of laboratory equipment.
- Maintaining database and records for scientific equipment.
- Contributing to the management of the sample storage system.
- Ordering and maintaining stocks of consumables and reagents.
- Contributing to establishing project costings and managing laboratory spending.
- Assisting with laboratory tidying up, waste disposal, and glassware washing.
- Undertaking such other duties within the scope of the post as may be requested by the Senior Research Scientist, Laboratory Research Manager or the Principal Investigator.

Health and Safety

- Following risk assessments and notify senior staff of any H&S issues.
- Developing risk assessment and COSHH forms for new procedures.

All staff are expected to:

- Positively support equality of opportunity and equity of treatment to colleagues and students in accordance with St George's Equal Opportunities Policy.
- Help to maintain a safe working environment by:
 - Attending training in basic and specialist health and safety requirements as necessary, both on appointment and as changes in duties and techniques demand.
 - Following local codes of safe working practices and St George's Health and Safety Policy.

It is expected that staff working with St George's School of Health and Medical Sciences, will be involved in our mentoring and tutoring activities, as appropriate, as well as supporting admissions, student recruitment and access and widening participation activities (MMI interviews, Open Days, school visits, clearing etc) where applicable. All academic staff are expected to act as a personal tutor.



You are also expected to undertake other activities appropriate to your grade as directed by your manager. This job description reflects the present requirements of the post. As duties and responsibilities change, the job description will be reviewed and amended in consultation with the post holder from time to time. City St George's, University of London aims to provide opportunities for all its employees to develop the skills required to be successful in their role and to further develop their careers.

St George's School of Health & Medical Sciences, University of London, is committed to the San Francisco Declaration on Research Assessment (DORA) principles.

2. Nature and Scope of Job (optional)

The Maternal and Neonatal Vaccinology Research group is part of the Centre for Neonatal and Paediatric Infection. The laboratory team works closely with clinical fellows and project managers, and the group foster internal, external, and international collaborations. The role is laboratory based, at City St George's University Tooting campus. It offers development opportunities in technical roles, management roles, and research roles.

3. Special Factors

- Working regular hours in the office and laboratory is required, and occasionally out of hours in case of cold storage equipment failure.
- It is mandated that staff wear relevant PPE during laboratory work.
- Occasional travel (optional).



Person Specification

Criteria	Description	Essential/ Desirable	How it is to be tested
Qualifications	MSc degree, or BSc and equivalent experience, in a biological discipline	E	PQ/AF
Experience	Laboratory experience in molecular or cellular biology	E	SS1 , INT
	Experience of following and implementing Good Laboratory Practices (or similar) and health and safety rules.	E	SS2 , INT
	Experience maintaining laboratory facilities (equipment, sample storage, reagents inventory)	E	SS3 , INT
Knowledge/ Skills	Strong organisational and time-management skills with the ability to prioritise a diverse workload, with attention to detail and ability to maintain records	E	SS4 , INT
	Knowledge of MIA/ELISA, flow cytometry, cellular and microbiology techniques	D	INT
	Competent use of Microsoft Office tools, specifically Excel and Word.	E	ST
	Data analysis skills (Prism/R/STATA/Other)	D	INT
Personal Attributes	Good communication, team working and interpersonal skills.	E	SS5 , INT
	Have example of using initiative and making effective decisions based on your scientific/ technical knowledge.	E	INT
	Ability to carry out duties reliably with careful attention to detail	E	INT

Key:

PQ=Prerequisite Qualification, AF=Application Form, CV=Curriculum Vitae,
SS=Selection/Supporting Statements, ST=Selection Test/Presentation, INT=Interview



Note: Elements marked SS (Supporting Statements) in the Person Specification will be highlighted in Step 6 (Supporting Statements) on the online application form. Applicants' answers to Step 6 are an essential part of the selection process. Applicants should write individual supporting statements to demonstrate how their qualifications, experience, skills and training fit each of the elements highlighted in this section.

Applicants should address other elements of the Person Specification in Step 7 (Additional Information). Shortlisting will be based on applicants' responses to Step 6 **and** Step 7. Therefore applicants should complete both sections as fully as possible on the online application form.

4. Organisation chart (optional)

To show where the role fits within the department or division.

5. Date

Reviewed January 2026



About City St George's, University of London

City St George's, University of London is the University of business, practice and the professions.

City St George's attracts around 27,000 students from more than 150 countries.

Our academic range is broadly-based with world-leading strengths in business; law; health and medical sciences; mathematics; computer science; engineering; social sciences; and the arts including journalism, dance and music.

In August 2024, City, University of London merged with St George's, University of London creating a powerful multi-faculty institution. The combined university is now one of the largest suppliers of the health workforce in the capital, as well as one of the largest higher education destinations for London students.

City St George's campuses are spread across London in Clerkenwell, Moorgate and Tooting, where we share a clinical environment with a major London teaching hospital.

Our students are at the heart of everything that we do, and we are committed to supporting them to go out and get good jobs.

Our research is impactful, engaged and at the frontier of practice. In the last [REF \(2021\)](#) 86 per cent of City research was rated as 'world-leading' 4* (40%) and 'internationally excellent' 3* (46%). St George's was ranked joint 8th in the country for research impact with 100% of impact cases judged as 'world-leading' or 'internationally excellent'. As City St George's we will seize the opportunity to carry out interdisciplinary research which will have positive impact on the world around us.

Over 175,000 former students in over 170 countries are members of the City St George's Alumni Network.

City St George's is led by Professor Sir Anthony Finkelstein.



School of Health and Medical Sciences currently offers a range of employee benefits:

Salary:	£34,610 pa, (pro-rated for part-time staff). The starting salary range for CSG 5 is £34,610 – £36,636 and appointment is usually made at the minimum point.
Hours:	35 hours per week which can be done flexibly in various ways or part time/job share can also be considered. Staff are expected to work the hours necessary to meet the requirements of the role and this will be dependent on the service area.
Annual leave:	30 days per annum. Plus eight UK public holidays and four days when City St George's, University of London is closed (usually between Christmas and New Year). Part time staff receive a pro rata entitlement.
Pension:	Membership of competitive pension schemes with generous employer contribution and a range of extra benefits.

[Superannuation Arrangements of the University of London \(SAUL\)](#)

[London Pension Fund Authority \(LPFA\)](#)

[Universities Superannuation Scheme \(USS\)](#)

[National Health Services Pension Scheme \(NHSPS\) \(existing members only\)](#)

Flexible working	Flexible working, including part-time or reduced hours of work, opportunities to work from home for many posts, compressed hours and local flexibility in agreeing start and finish times of work.
Travel	City St George's, University of London offers an interest free season ticket loan and participates in the Cycle to Work Scheme .
Gift Aid	If you would like to make a tax-free donation to a charity of your choice, this can be arranged through our Payroll.
Sports and Leisure Facilities	<p>Rob Lowe Sports Centre, situated on the St George's Healthcare NHS Trust site offers exercise facilities that can be utilised by City St George's, University of London staff.</p> <p>Within walking distance from St George's is Tooting Leisure Centre. Facilities include a swimming pool, gym and various exercise classes. The Centre offers staff an all-inclusive corporate membership. For more information please contact Tooting Leisure Centre.</p>



Shops and facilities There are a number of shops and facilities situated on site including ATMs, student bar and shop, Pret a Manger, M&S Simply Food store, library and multi-faith room.

Informal enquiries

Informal enquiries may be made via email to: odaniel@sgul.ac.uk

Making an application

All applicants are encouraged to apply online at <http://jobs.sgul.ac.uk> as our system is user friendly and the online application form is simple to complete. Please note that CVs only will not be accepted.

For any accessibility issues please contact hrhelp@sgul.ac.uk

Closing date: Sunday 22 March 2026

Interview date will be confirmed. As shortlisted candidates will be notified by email, it is imperative that you provide an email address that is accessed frequently.

Please quote reference: 677-26-R

We are delighted that you are interested in working at St George's School of Health and Medical Sciences. You will be notified of the outcome of your application by email. We aim to respond to all candidates within 5 weeks of the closing date of the vacancy.

