

Job Details		
Job Title:	Research Technician	
School/Dept/Institute & Centre:	Barts Cancer Institute, Centre for Biomarkers & Biotherapeutics	
Reports to:	Principal Investigator	
Grade:	3	Full Time
Career Family:	Technical Services	
Appointment period:	30 months	
Current Location:	Charterhouse Square	

Job Context

The Barts Cancer Institute (BCI) is a Cancer Research UK Centre of Excellence whose work aims to transform the lives of those with and at risk of cancer through innovative research in the laboratory, in patients and in populations. BCI is internationally renowned in many areas of cancer research and it combines ground-breaking basic research with the expertise of clinicians and clinician scientists from the Centre for Experimental Cancer Medicine and the Barts NHS Trust to achieve improvements in cancer patient care. BCI is also a partner in the CRUK City of London Major Centre (together with UCL, Kings and the Francis Crick Institute) which is a Centre of Excellence in Biotherapeutics. BCI is committed in supporting and developing future cancer researchers through its extensive postgraduate training. It is one of six institutes within The School of Medicine and Dentistry (SMD).

Job Purpose

- To provide technical support to the development of novel oncolytic virotherapies for treatment of cancer project to enable members to efficiently carry out their research projects.
- To work as part of the development of novel oncolytic virotherapies for treatment of cancer project and the Centre for Biomarkers & Biotherapeutics's research support team, being mutually supportive and covering duties as necessary during colleagues' absences and at times of additional pressure.

Main Duties & Responsibilities

Specific Duties:

- To provide technical support for the development of novel oncolytic virotherapies for treatment of cancer research project especially related to evaluation of antitumour efficacy of new oncolytic virus and its combination with other immunotherapies.
- To provide support with in vivo experiments and in vivo imaging analysis, maintain good laboratory records to the development of novel viro-immunotherapies for treatment of cancer team members.
- Actively participate in the development of novel oncolytic virotherapies for treatment of cancer and the Centre's scientific meetings, including lab meetings and journal clubs.

Other:

- The post holder must at all times carry out their responsibilities with due regard to Queen Mary's Equal Opportunities and Health and Safety policies.
- The duties of the post outlined above are not exhaustive, and the post holder will be expected to be co-operative and flexible, undertaking such administrative and other duties as may from time to time be reasonably expected of a member of research grade staff in a university.

Job Profile

Job Description

- These duties will be subject to review in line with the changing requirements of the Centre, Institute, School or University, and with the development needs of the post holder as identified through regular review/appraisal processes.

The above list of responsibilities is not exhaustive and the jobholder may be required to undertake other duties commensurate with the level of the role, as reasonable requested by their line manager.

This job description sets out the duties of the post at the time it was drawn up. Such duties may vary from time to time without changing the general character of the duties or level of the responsibility entailed. Such variations are a common occurrence and cannot in themselves justify a reconsideration of the grading of the post.

Job Profile

Person Specification

This table lists the essential and desirable requirements needed in order to perform the job effectively. Candidates will be shortlisted based on the extent to which they meet these requirements.

	Requirements	Essential / Desirable
Qualifications	BSc or equivalent in a biological or related science	E
Knowledge,	Experience of working in a biomedical research laboratory	E
Skills and	Experience with computer software relevant to laboratory research, data presentation and statistical evaluation of results	E
Experience	Experience in PCR, gene cloning, vector construction, <i>in vivo</i> animal experiment	E
	Experience of immunology	E
	Experience of immunohistochemistry techniques	E
	Experience of animal experiments	D
	Experience of Flow cytometry/FACS	D
	Experience of molecular biology and pathology	D
	Laboratory bench skills	E
	Knowledge of laboratory procedures, materials, equipment	E
	Ability to follow written and oral instructions	E
	Ability to maintain good laboratory records	E
	Ability to work accurately	E
	Evidence of good team-working	E
	Enthusiasm for understanding the research process	E
	Ability to organise own work	E
	Ability to prioritise workload	E
	Clear communicator	E
Attitude and	Flexible approach to work	E
Disposition	Self-motivated	E
	Willingness to learn new skills	E
	Good time-keeping	E
	Willingness to work and travel between campuses as far as duties may require	E

E – Essential: Requirements without which the job could not be done.

D – Desirable: Requirements that would enable the candidate to perform the job well.