

DIVISIONS OF MOLECULAR PATHOLOGY AND CANCER THERAPEUTICS

GLIOMA TEAM

**Scientific Officer
Sutton, Surrey**

The Glioma Team is focused on understanding the biology of paediatric glioblastoma (pGBM) and diffuse intrinsic pontine glioma (DIPG) such that we may improve the clinical outcome of children with these currently untreatable tumours. We have expertise in genomics and molecular cell biology of the human disease, and use this knowledge to design and test new drug treatments in novel mouse models.

A Scientific Officer position is available in our laboratory to underpin our translational biology work in ongoing clinical trials in DIPG. We receive specimens both nationally and internationally for molecular profiling and model generation, and the successful applicant will provide critical support for these experiments. The post holder will be expected to help co-ordinate sample receipt and processing, including DNA/RNA extraction and preparation for sequencing, in-house and externally. They will also assist in the preparation of fresh tissues for in vitro culture, as well as maintain these cultures and help in their molecular and phenotypic characterisation.

Experience of basic molecular biology assays and cell culture is essential, as are good organisational skills and an attention to detail. Training will be provided in specific techniques. A First or Upper Second Class honours degree in a relevant subject is essential, with knowledge or interest in childhood brain tumours an advantage.

INSTITUTE OF CANCER RESEARCH

JOB DESCRIPTION

JOB TITLE:	Scientific Officer
DIVISIONS:	Molecular Pathology
TEAM:	Glioma
GRADE:	SO
SALARY RANGE:	
RESPONSIBLE TO:	Professor Chris Jones, Team Leader
TENURE:	Two years

OBJECTIVE OF THE POST

To provide high quality support for our translational biology work in ongoing clinical trials in DIPG

KEY DUTIES AND RESPONSIBILITIES

- Sample receipt, handling and processing
- DNA/RNA extraction
- Preparation for array- and sequencing based molecular profiling
- Establishment and growth of new patient-derived cultures
- Collaboration with other staff members working with these samples / models
- Assistance with drafting of reports
- Work diligently, tirelessly and with enthusiasm to meet deadlines
- Take an interest in the general literature including scientific papers relevant to the work of the team and effectively ensure discussion with other team members
- **Any other duties which may be required which are consistent with the nature and grade of the post.**

This job description is a reflection of the present position and is subject to review and alteration in detail and emphasis in the light of future changes or development.

All staff must ensure that they familiarise themselves with and adhere to any ICR policies that are relevant to their work and that all personal and sensitive personal data is treated with the utmost confidentiality and in line with the General Data Protection Regulations

In addition to annual performance related pay awards, the salary scales are reviewed annually to consider any cost of living increases.

Annual leave entitlement is 25 days per annum. This will rise by one additional day for every two

years of completed service up to a maximum of 30 days in total. There is an additional entitlement to 8 bank/public holidays and 3 ICR-set privilege days.

The post is based at the ICR site at Sutton, Surrey.

PERSON SPECIFICATION

Criteria	Essential or Desirable?
Education & Knowledge	
Honours degree (1 st or 2i) in a relevant subject	E
Knowledge of childhood cancer biology	D
Experience	
Basic molecular biology assays, DNA/RNA extractions	E
Cell culture techniques	E
Sequencing and array-based techniques	D
Patient-derived models	D
Skills	
Proven excellent verbal and written communication skills	E
Proven good interpersonal skills with the ability to establish effective working relationships	E
Proven exceptional organisational skills	E
Ability to demonstrate initiative, meet deadlines, prepare reports and handle data appropriately	E
Proven ability to organise and prioritise workload whilst multi-tasking under considerable pressure to meet specific timelines	E
Ability to work effectively & efficiently, both independently & as part of a team	E
Track record of completing projects and preparing reports	D
General	
Committed, with a keen desire to produce high quality work and achieve goals	E
Committed to learning new techniques/approaches	E
Interest in the field of childhood brain tumour biology	D