

## **POSITION DESCRIPTION**

<b>POSITION TITLE:</b>	Post-doctoral Scientist
<b>CLASSIFICATION:</b>	Research Officer (Level 1-3)
<b>GROUP:</b>	Sid Faithfull Brain Cancer Laboratory
<b>DEPARTMENT:</b>	Cell and Molecular Biology
<b>PROGRAM:</b>	Cancer
<b>LOCATION:</b>	Level 10, Bancroft Building, QIMR Berghofer MRI

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### **POSITION OBJECTIVES**

The successful candidate will operate within a small team and be required to undertake studies to further uncover the molecular mechanisms responsible for brain cancers and to define new therapies to treat these aggressive diseases.

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### **ORGANISATIONAL CONTEXT**

The Sid Faithfull Brain Cancer Research Laboratory studies the most common and aggressive form of both adult brain cancer, Glioblastoma (GBM) and paediatric brain cancer Medulloblastoma. The laboratory aims to better understand the molecular mechanisms which are responsible for the initiation and recurrence of brain cancers and to develop and test new and effective therapies to treat these aggressive diseases.

QIMR Berghofer is a statutory body under the QIMR Act (1945). The mission of QIMR Berghofer is to promote the wellbeing of humankind through medical research, to maintain within the State of Queensland an internationally recognised Centre for Medical Research, to develop that Centre as the primary focus of Medical Research within the State and to co-operate with, and where possible assist the work of other medical research establishments within the State and throughout the world.

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### **REPORTING STRUCTURE**

Professor Bryan Day

Team Head – Sid Faithfull Brain Cancer Laboratory

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### **PRIMARY RESPONSIBILITIES**

- Perform research to uncover molecular mechanisms of brain cancer as directed by the Team Head.
- Assist in the supervision of research staff and students.
- Work independently and drive project outcomes and initiatives.
- Formulate and collate data to a high standard and publish findings in scientific journals.
- Contribute to the preparation of successful funding applications.
- Ensure work practices comply with the requirements of the *Work Health and Safety Act*, related legislative requirements and the Institute's WH&S policies and procedures.

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## **KEY SELECTION CRITERIA (Qualifications, Experience, Skills, and Abilities)**

### ***Essential***

- Completed a PhD that includes training in molecular biology
- Knowledge of cancer biology
- Experience with tissue culture and general molecular biology techniques
- Proficiency with experimental tumour models in mice

### ***Desirable***

- Previous brain cancer research experience
  - Previous knowledge of Eph receptor biology
  - Previous experience conducting drug screens
  - Previous experience in grant submission processes
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