

## Cancer Research Malaysia

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JOB TITLE : Research Associate for Translational Biology Cancer Unit  
LOCATION : Cancer Research Malaysia Office, University Malaya  
REPORTING TO : Head of Translational Biology Cancer Unit  
Date : 3<sup>rd</sup> January 2022 onwards

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### SCOPE / PURPOSE OF JOB

The Research Associate (“RA”) will be responsible for delivering milestones of the research program. Specifically, the RA will be assisting the Head of Research Unit to conduct follow-up studies on genes identified from the CRISPR/Cas9 and high-throughput drug screens, with the aim of identifying unique mechanisms that present therapeutic opportunities. This includes using cell and molecular biology techniques to validate gene-drug pairs identified from the cancer dependency dataset and a high-throughput drug screen for Asian head and neck cancers. These will enable the team to uncover the function of these genes in the context of head and neck cancers and how they affect the action of cancer drugs that could be exploited for therapeutic impact.

### RESPONSIBILITIES

1. Planning and performing experiments that are necessary to meet project goals on time
2. Analysing results and providing insights to enable next steps to be designed and implemented
3. Maintaining an up-to-date understanding of the relevant literature, to ensure that the research project remains relevant and competitive
4. Assist in drafting reports including conference presentations, research publications and donor reports
5. Be responsible for equipment maintenance of specific equipment, and purchasing and stocking consumables as required by the Head of Unit or Head of Facilities
6. Be responsible for compliance with safety standards and ensuring regulatory compliance. Assist with the documentation required by the OSH committee or Head of Facilities
7. If required, assist in the planning and delivery of established technical research services that generate income and improve access to new technologies to Malaysian researchers, through CRMY or CRMY Technologies Sdn. Bhd.
8. Assist in identifying projects that may be executed by others and then successfully supervise these (industrial trainees, interns research staff) leading to high-quality publications.
9. Assist in ensuring the financial sustainability of the research program by ensuring that budgets are optimized and by assisting with grant applications
10. To assist in maintaining effective partnerships with key stakeholders, particularly with suppliers and collaborators
11. To develop basic competence in intellectual property management and to highlight opportunities arising from research projects to Head of Unit as soon as practically possible
12. Other responsibilities include:
  - To deputise for the Head or Deputy Head of Research Unit when appropriate
  - To represent the team and Cancer Research Malaysia when appropriate
  - To take responsibility for designated projects as necessary
  - To undertake other administrative tasks as required

## **QUALIFICATIONS**

- Educated to a Master's degree or Bachelor's degree with at least 2 years of relevant experience in cancer biology
- Experience and skills in molecular and cell biology
- Demonstrated skill in laboratory research and successfully presenting the data both in spoken (conference) or written (publication) form
- Driven by a strong sense of making an impact, with problem-solving skills, including conflict resolution skills
- The ability to prioritise own workload and work to deadlines
- Adopts a pro-active attitude to work
- Assumes full responsibilities within role
- Passion for CRMV's mission