

Cancer Research Malaysia

JOB TITLE : Post-doctoral Scientist for Core Laboratory Unit
LOCATION : Cancer Research Malaysia Office, Subang Jaya Medical Centre
REPORTING TO : Head of Core Laboratory Unit
Date : As soon as possible

SCOPE / PURPOSE OF JOB

The Post-Doctoral Scientist will assist the head of unit in research programmes relating to precision medicine. The scientist will liaise with pathology laboratories to collect and analyse tumours for CRMY-initiated clinical trials, research programmes and pilot projects in various cancers (e.g. breast, ovarian, head and neck, familial cancers). Using these samples, the employee will perform appropriate genomic and histopathological technologies to identify actionable somatic mutations, signatures or biomarkers. In addition, the employee will continue to work in the unit's second research area in variant curation and classification in cancer predisposition genes. Together, these core processes will facilitate translational research programmes and the adoption of precision medicine in Malaysia.

RESPONSIBILITIES

1. Assisting the Head of Research Unit in developing projects that are consistent with the strategic directions of the Research Unit; and planning and performing experiments that are necessary to meet project goals on time
2. Building on the strategic directions for the Research Unit, to take the lead in designing and executing designated research study. This includes taking the lead in analysing research results and providing insights to enable next steps to be designed and implemented, not only for own projects but for those under supervision
3. To maintain an up to date understanding of the relevant literature. To ensure that the research projects are relevant and impactful, by identifying and building new collaborations, and maintaining effective collaborations. To identify potential competitors, to ensure that the research remains relevant, competitive and impactful
4. Lead in drafting and submitting the necessary reports for designated projects, including independently leading research publications, preparing reports for grant or charitable organisations
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. To work with OSH committee to put in place the necessary systems and checkpoints to ensure compliance with all appropriate regulatory, safety, ethical and any other frameworks
7. If required, identify, plan and deliver established technical research services that generate income and improve access to new technologies to Malaysian researchers, through CRMY.
8. To design projects that may be executed by others (Industrial trainees, interns, research staff) and to supervision the successful execution of these research studies in the Research Unit. For staff, to identify appropriate training and career development programmes to ensure business continuity and succession planning
9. To take the lead in conceptualising and drafting grant applications and to work with the Head of Research Unit to ensuring sufficient funding for the Research Unit. To do so, to maintain an up-to-date register of possible grant sources

10. To assist in establishing and maintaining effective partnerships with all key stakeholders, including but not limited to, assisting with partnerships with key collaborative and funding partners
11. To maintain an up to date understanding of the intellectual property landscape relevant to the Research Unit and to develop a portfolio of IP for the Unit and organisation
12. Other responsibilities include:
 - To deputise for the Head of Research Unit when appropriate
 - To represent Cancer Research Malaysia when appropriate
 - To take responsibility for designated projects as necessary
 - To undertake other administrative tasks as required

QUALIFICATIONS

- Master's or PhD degree qualifications in a related biological discipline. Relevant fields include cancer biology, genetics, genomics or pathology
- Experience and broad skills in histopathology
- Demonstrated skill in tissue sectioning, and successfully presenting data both in spoken (conference) or written (publication) form
- Driven by a strong sense of making an impact, with strong problem solving skills, including conflict resolution skills