

## Cancer Research Malaysia

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JOB TITLE: Post-Doctoral Scientist/Team leader in Genetic epidemiology  
LOCATION: Cancer Research Malaysia @ SJMC, Subang Jaya  
RESPONSIBLE TO: Group Leader (Breast Cancer Research)  
Date: As soon as possible, from 1 Sep 2016

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### **Scope / Purpose of Job:**

The post-doctoral scientist/Team Leader will lead research on genetic predisposition to breast cancer in South East Asian women. This position can be filled by appropriate candidate at post-doctoral or team leader levels, depending on relevant qualification and experience. Specifically, the scientist will be responsible for leading the analysis in the project entitled "Determination of the prevalence breast cancer predisposition genes in South East Asian women and development of an Asian polygenic risk assessment tool", which is a project conducted in collaboration with the University of Cambridge, University of Nottingham (Malaysia Campus) and National University of Singapore, and funded by the Wellcome Trust [2016-2019]. In this research programme, we are using technological advances in the understanding of breast cancer genes to develop tools to identify women at high-risk of breast cancer, and to obtain individualized breast cancer risk estimates to enable shared patient and clinical decision-making. Together, this study will enable clinical genetic testing to become more widely used in Malaysia and will facilitate the development of informed risk-stratified approaches to screening in the future.

Roles and responsibilities include:

- (a) To take a leadership role in planning and executing the sequencing and analysis of candidate gene sequencing in the cases and controls
- (b) To be responsible for supervision of other projects in the team, including the search for new breast cancer predisposition loci using whole exome and whole genome sequencing approaches
- (c) To ensure that research programmes meet external and internal milestones, and to be responsible for drafting and submitting the necessary reports.
- (d) To ensure that the collaborations are established and maintained to meet agreed external and internal milestones
- (e) To maintain a register of possible grant applications and to work with the Group Leader to prepare and compete for these grant applications, ensuring all the time that there is sufficient funding for the project
- (f) To supervise and mentor research associates, students and other internal as well as external scientists, as and when required
- (g) Other responsibilities include:
  - To deputise for the Group Leader when appropriate
  - To represent Cancer Research Malaysia when appropriate
  - To take responsibility for designated projects as necessary
  - To undertake other administrative tasks as required

**Person specifications:**

1. Educated to post-graduate degree level (PhD), with relevant experience in genetics, epidemiology or biostatistics (Post-doctoral scientist position); or  
Educated to post-graduate degree level (PhD), with track record of a grant in a relevant area of research (genetic epidemiology) and at least 5 years post-graduate experience (Team Leader position)
2. Publications in a relevant field is a strong advantage
3. The ability to prioritise own workload and work to deadlines
4. Adopts a pro-active attitude to work
5. Assumes full responsibilities within role