**Position Title:** Research Fellow  
**College/Division:** ANU College of Health and Medicine  
**Faculty/School/Centre:** John Curtin School of Medical Research  
**Department/Unit:** Division of Genome Science and Cancer  
**Classification:** Academic Level B (Research)  
**Responsible to:** Professor Elizabeth Gardiner.

**POSITION OVERVIEW**
ANU has an international reputation for research and education relevant to the health and well-being of the population of Australia, as well as that of the developing world. This is achieved through discovery research, applied research in health service settings, research-led teaching in health and medical sciences, and the translation of research findings into practice and policy. The ANU College of Health and Medicine comprises the School of Psychology and Medicine, the John Curtin School of Medical Research and the National Centre for Epidemiology and Population Health. These schools work together to deliver world-class research and education across the spectrum of medicine and health-related fields, working in partnership with the health sector at local, national and international levels.

The University actively encourages applications from Aboriginal and Torres Strait Islander people. For more information on employment opportunities, contact our Indigenous Employment Consultant via:  
[indigenous.employment@anu.edu.au](mailto:indigenous.employment@anu.edu.au)

ANU values diversity and inclusion and is committed to providing equal employment opportunities to those of all backgrounds and identities. For more information about staff equity at ANU, visit  
[https://services.anu.edu.au/humanresources/respect-inclusion](https://services.anu.edu.au/humanresources/respect-inclusion)

**PURPOSE STATEMENT**
The Research Fellow position is an important component of the Gardiner research laboratory, based upon Field leading research into platelet biology and platelet receptor regulation. The research program will include fundamental laboratory research with aspects of genomics, biochemical and cell biology research. Activity in all these domains will be developed as part of a comprehensive research plan.

The John Curtin School of Medical Research (JCSMR) is a multi-disciplinary institute with a strong research activity and a distinguished history in Cancer Research, Immunology, Genomics and Neuroscience.

**Position Dimension & Relationships:**
At ANU, the Research Fellow will be located at the John Curtin School of Medical Research, in the Division of Genome Science and Cancer, Thrombosis and Haemostasis Laboratory. Professor Elizabeth Gardiner is the Head of this laboratory. The Research Fellow reports to the Head of Laboratory and liaises with members of the Department, JCSMR and University staff, consultants and external stakeholders.

**Role Statement:**
Under general direction, the Researcher is required to:

1. Assist in the development and extension of an existing cohesive program of research into platelet and megakaryocyte biology.
2. Carry out all forms of laboratory work as required.

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**Role Statement:**
Under general direction, the Researcher is required to:

1. Assist in the development and extension of an existing cohesive program of research into platelet and megakaryocyte biology.
2. Carry out all forms of laboratory work as required.
3. Oversee the training and laboratory work of all laboratory personnel, including students associated with the program of research.
4. Oversee laboratory team members in bench work and sample and data management, advise where appropriate on laboratory protocols and laboratory safety.
5. Contribute to the development of a collaborative cross-discipline research culture with students and colleagues at JCSMR, at ANU and link with partners at CHS.
6. Prepare research funding proposals and reports, and aid students in preparation of reports and presentations.
7. Development of pilot research projects that may also involve working with students and other laboratory staff members.
8. Assist with the development of policies.
9. Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.
10. Other duties consistent with the classification of the position.

**SELECTION CRITERIA**

1. A postgraduate research degree (PhD or equivalent) in health or life sciences or a related discipline, or an equivalent combination of relevant experience and/or education/training.
2. A track record that included co-authorship of peer-reviewed original research publications; evidence of ability to attract some funding support for research is a plus.
3. Evidence of experience that is relevant to Thrombosis and Haemostasis research in some or all of the following areas:
   a. Handling biological samples and blood products with molecular biological laboratory techniques, particularly with regards to fractionation of blood
   b. The safe management and disposal of human and mouse blood samples
   c. High end microscopy techniques and application to research approaches
4. Knowledge of some or all of the following areas:
   a. Platelet-based autoimmune disorders, haemostasis pathways, platelet and megakaryocyte biology, and evaluation of megakaryocyte maturation and gene pathways
   b. Blood rheology and how it impacts blood cell function
   c. Expertise in flow cytometry and applications thereof
   d. Strong knowledge of chemistry/biochemistry pathways would be an advantage but is not essential
5. Demonstrated information technology skills and ability for accurate record keeping and data management.
6. Excellent oral and written skills as evidenced by the ability to prepare and present results for reports and for publications.
7. Demonstrated experience in assessing academic literature and using electronic databases and other resources for research purposes.
8. Experience in developing and implement standard operating procedures and protocols in a laboratory research environment.
9. The ability to work effectively both independently and with a diverse range of both internal and external staff, researchers, clinicians and other stakeholders.
10. A demonstrated understanding of informed consent and an ability to impart project information at an appropriate level and in an ethical manner to all individuals associated with this project
11. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

The ANU conducts background checks on potential employees, and employment in this position is conditional on satisfactory results in accordance with the [Background Checking Procedure](#) which sets out the types of checks required by each type of position.
In accordance with the Occupational Health and Safety Act 1991 the University has a duty of care to provide a safe workplace for all staff.

- This form must be completed by the supervisor of the advertised position and forwarded with the job requisition to Appointments and Promotions Branch, Human Resources Division. Without this form jobs cannot be advertised.

- This form is used to advise potential applicants of work environment issues prior to application.

- Once an applicant has been selected for the position consideration should be given to their inclusion on the University’s Health Surveillance Program where appropriate – see .
  http://info.anu.edu.au/hr/OHS/__Health_Surveillance_Program/index.asp Enrolment on relevant OHS training courses should also be arranged – see.


### Potential Hazards

- Please indicate whether the duties associated with appointment will result in exposure to any of the following potential hazards, either as a **regular** or **occasional** part of the duties.

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<th>occasional</th>
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<td>work at heights</td>
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<td>work in confined spaces</td>
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**NON-IONIZING RADIATION**

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**CHEMICALS**

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<td>☐</td>
<td>laboratory animals or insects</td>
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<td>immunisations</td>
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**OTHER POTENTIAL HAZARDS (please specify):**