

## RESEARCH ASSISTANT – CANCER PATHOLOGY

- **Make an important contribution to the health of children through medical research**
- **Work with one of Australia's most respected national and independent medical research institutes**
- **Gain valuable experience in the not-for-profit sector**

Children's Medical Research Institute (CMRI) was Australia's first dedicated paediatric research facility and is now one of the nation's most highly regarded independent medical research centres. Our research focuses on the areas of embryonic development and birth defects, cancer, neuroscience and gene therapy and we have a strong international reputation based on our research outcomes. CMRI's research programs are supported by state of the art facilities and committed research and support staff. Our achievements are made possible by a loyal network of community supporters, highly engaged donors and the very successful Jeans for Genes® fundraising campaign.

### **ProCan®**

ProCan®, the ACRF International Centre for the Proteome of Human Cancer, was established at CMRI in 2016. It is a major new program that applies innovative technology to analyse the protein content of small tissue samples. The goal of ProCan® is to complete a comprehensive proteomic analysis of all cancer types to improve diagnosis, and to enable more precise recommendations for the effective treatment of cancer patients. ProCan® will analyse around 70,000 adult and children's cancers over the next 5-7 years with a view to rapid translation of research findings into clinical practice.

### **Research Assistant – Cancer Pathology**

An integral aspect of ProCan® research is systematic receipt, and maintenance of meticulous tracking records for samples received into the laboratory. In addition, traditional histopathology methods are used to sub-sample and verify tissues submitted for proteomics analysis. We have established a custom histopathology facility for this purpose. An overall goal is to operate clinical-grade processes to achieve accreditation and to facilitate translation of research results.

We are now seeking to appoint a Research Assistant to join the Cancer Pathology team. The ideal candidate will have experience in a biomedical research environment; experience in histopathology preparation of human tissue samples and show excellent attention to detail. The position will report to the Research Group Leader – Cancer Pathology and work alongside an experienced histopathology laboratory scientist.

## Selection Criteria

- Bachelor of Science / Biomedical Science or equivalent relevant experience.
- Experience in a biomedical research environment.
- Strong technical expertise and hands-on experience in all aspects of histopathology preparation of tissue samples.
- Evidence of excellent attention to detail.
- Demonstrated high level of organisational, reporting and record-keeping skills.
- Demonstrated ability to work independently and as part of a multi-disciplinary team.

You will be provided with a competitive remuneration package in accordance with qualifications and experience. Additional benefits include the provision of a Public Benevolent Institution salary packaging scheme and participation in an employer-contributed superannuation fund.

Applications should include a cover letter (citing PV1906), curriculum vitae and contact details (phone/email) of three professional referees and be forwarded to [recruitment@cmri.org.au](mailto:recruitment@cmri.org.au)

Closing date for applications is **Friday 22<sup>nd</sup> March 2019**.

Please direct enquiries regarding the position to Professor Rosemary Balleine, Group Leader – Cancer Pathology, Email [rballeine@cmri.org.au](mailto:rballeine@cmri.org.au), Ph 8865 2893.

## SCHEDULE “B”



### Position Description

|                                      |  |
|--------------------------------------|--|
| POSITION TITLE                       | <b>Research Assistant – Cancer Pathology</b>                             |
| UNIT                                 | ProCan® - The ACRF International Centre for the Proteome of Human Cancer |
| HOURS PER WEEK                       | 37.5   |
| POSITION REPORTS TO                  | Research Group Leader – Cancer Pathology                                 |
| POSITIONS REPORTING TO THIS POSITION | Nil  |
| DATE REVIEWED                        |  |

#### PRIMARY PURPOSE

Participate as a member of the Cancer Pathology group in the ProCan® program. This will include management and preparation of human tissues samples for histologic and proteomic analysis.

#### KEY ACCOUNTABILITIES

- Participate in research sample receipt, tracking and inventory management.
- Participate in histopathology preparation of frozen and formalin fixed paraffin embedded tissues: including sectioning, staining, coring, digital slide imaging and immunohistochemical staining.
- Work according to standard operation procedures and maintain accurate research records.
- Participate in maintenance of the histopathology facility and laboratory quality systems.
- Undertake administrative duties relevant to research activities and functioning of the facility.
- Participate in shared tasks related to the operation of the ProCan® facility.
- Actively participate in research meetings.
- Contribute to the preparation of research manuscripts and other publications.
- Other duties as required by the Research Group Leader – Cancer Pathology.

#### KEY ORGANISATIONAL ACCOUNTABILITIES

- Ensure safe work practices are adopted in the work area and contribute to the development and maintenance of work method statements.

- Report injuries, accidents, incidents and near misses in the work area and on the corrective actions taken to prevent reoccurrence.
- In the interests of health, safety and welfare, do not intentionally or recklessly interfere with or misuse anything provided.
- Use and maintain appropriate safety apparel and personal protective equipment.
- Ensure that the principles of equal employment opportunity, the principles for a culturally diverse society, and CMRI policies are complied with at all times.
- Contribute to improved organisational effectiveness, by acting ethically, honesty and with fairness at all times.

### **KEY RESULT AREAS**

- Meticulous sample accessioning, labelling and tracking practices.
- High quality and timely processing of tissues samples for ProCan® research.
- Contribute to progressing achievement of accreditation standards relevant to histopathology.
- Work to achieve agreed priorities and participate with other team members in reviewing progress against overall goals.
- Support publication of research results in high quality scientific journals.

### **KNOWLEDGE & SKILLS**

#### **Essential**

- Experience in a biomedical research environment.
- Strong technical expertise and hands-on experience in all aspects of histopathology preparation of tissue samples.
- Evidence of excellent attention to detail.
- Demonstrated high level of organisational, reporting and record-keeping skills.
- Demonstrated ability to work independently and as part of a multi-disciplinary team.

#### **Desirable**

- Experience handling human tissues or biospecimens.
- Experience in molecular analysis of biospecimens.

### **EDUCATION & QUALIFICATIONS**

- Bachelor of Science / Biomedical Science or equivalent relevant experience.

