

	<b>Australian National University</b>	<i>Position Description</i>
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<b>College/Division:</b>	ANU College of Medicine Biology and Environment
<b>Faculty/School/Centre:</b>	The John Curtin School of Medical Research
<b>Department/Unit:</b>	Department of Genome Sciences
<b>Position Title:</b>	Postdoctoral/Research Fellow
<b>Classification:</b>	Academic Level A or B
<b>Position No:</b>	TBA
<b>Responsible to:</b>	Head, Chromatin and Transcriptional Regulation Group
<b>Number of positions that report to this role:</b>	Nil
<b>Delegation(s) Assigned:</b>	Nil

**PURPOSE STATEMENT:**

The Postdoctoral/ Research Fellow will work on an NHMRC funded project focussing on how the epigenome is altered during both the cell cycle and cellular differentiation to regulate the 3-D organisation of the genome and gene expression.

**Position Dimension & Relationships:**

Based within the John Curtin School of Medical Research, the position would report to the Head of Genome Sciences. The position will be required to work independently and collaboratively within a small team of researchers and maintain good relationships with existing and potential collaborative partners, other national and international research institutions.

**Role Statement:**

Specific duties required of a **Level A/B Academic** include:

1. Undertake independent research in the area of epigenetics and genome biology with a view to publishing original and innovative results in refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national level. This includes working as part of a team on an externally funded project subject to deadlines.
2. Experimental design, and operation of advanced laboratory and technical equipment or conduct of advanced research procedures.
3. Supervise students working on individual or group projects at undergraduate, honours, graduate-coursework levels. Assist with supervision of research students and research support staff in the research area.
4. Attendance at meetings associated with research or the work of the organisational unit to which the research is connected and/or at departmental and/or faculty meetings and/or membership of a limited number of committees.
5. Some administrative functions primarily connected with the area of research of the academic.
6. Development of some research-related material for teaching or other purposes with appropriate guidance from other staff.
7. Occasional contributions to teaching in relation to his/her research project(s).
8. Other duties as allocated by the supervisor or as directed consistent with the classification of the position.
9. Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.

**Skill Base**

A **Level A Academic** will normally have completed four years of tertiary study in the relevant discipline and/or have equivalent qualifications and/or research experience. In many cases a position at this level will require an honours degree or higher doctoral qualifications or equivalent research experience. A Level A Academic should work with support, guidance and/or direction from staff classified at Level B and above and with an increasing degree of autonomy as the research academic gains in skill and experience.

A **Level B Academic** will have completed a relevant doctoral qualification or have equivalent qualifications or research experience. In addition he/she may be expected to have had post-doctoral research experience that has resulted in publications, conference papers, reports or professional or technical contributions that give evidence of research ability.

**SELECTION CRITERIA: Postdoctoral Fellow , Academic Level A**

1. A PhD or submission of a PhD thesis in the area of Basic Sciences relevant to the current research at the School and the project as outlined above.
2. Collaborate with senior staff to actively seek and secure external funding, assist to prepare and submit research proposals to external funding bodies as appropriate.
3. Established skills in genome and molecular biology including gene transcription, epigenetics, chromatin biology and high-throughput approaches.
4. Demonstrated experience with mammalian tissue culture cells.
5. Familiarity with bio-informatics and the analyses of CHIPSeq, or RNAseq data.
6. A capacity and willingness to assist with the supervision of undergraduate students and technical staff.
7. Highly motivated with excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

**SELECTION CRITERIA : Research Fellow, Academic Level B**

1. A PhD in the area of Basic Sciences relevant to the current research at the school and the project as outlined above.
2. A strong record of independent research as evidenced by publications in peer reviewed journals and an ability to attract research funding.
3. Established skills in genome and molecular biology including gene transcription, epigenetics, chromatin biology and high-throughput approaches.
4. Demonstrated experience with mammalian tissue culture cells.
5. Familiarity with bio-informatics and the analyses of CHIPseq, or RNAseq data.
6. Demonstrated ability and willingness to contribute to the supervision of higher degree research students and technical staff.
7. Highly motivated with excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

<b>Delegate Signature:</b>		<b>Date:</b>	
Printed Name:	Professor David Tremethick	<b>Position:</b>	Head



College/Division:	ANU College of Medicine Biology and Environment
Faculty/School/Centre:	The John Curtin School of Medical Research
Department/Unit:	Department of Cancer Biology and Therapeutics
Position Title:	Postdoctoral/Research Fellow
Classification:	Academic Level A or B
Position No:	TBA
Responsible to:	Head, Cancer and the Nucleolus Group
Number of positions that report to this role:	Nil
Delegation(s) Assigned:	Nil

**PURPOSE STATEMENT:**

The Postdoctoral/ Research Fellow will work on an NHMRC funded project focussing on how the transcription and epigenetics of the ribosomal RNA genes and their contribution to malignant transformation.

**Position Dimension & Relationships:**

Based within the John Curtin School of Medical Research, the position reports to the Head of the Cancer and Therapeutics Group. The position will be required to work independently and collaboratively within a small team of researchers and maintain good relationships with existing and potential collaborative partners, other national and international research institutions.

**Role Statement:**

Specific duties required of a **Level A/B Academic** include:

1. Undertake independent research in the area of epigenetics and genome biology with a view to publishing original and innovative results in refereed journals, present research at academic seminars and at national and international conferences, and collaborate with other researchers at a national level. This includes working as part of a team on an externally funded project subject to deadlines.
2. Experimental design, and operation of advanced laboratory and technical equipment or conduct of advanced research procedures
3. Supervise students working on individual or group projects at undergraduate, honours and graduate-coursework levels. Assist with supervision of research students and support staff in the research area.
4. Attendance at meetings associated with the research or the work of the organisational unit to which the research is connected and/or at departmental and/or faculty meetings and/or membership of a limited number of committees.
5. Some administrative functions primarily connected with the area of research of the academic.
6. Development of some research-related material for teaching or other purposes with appropriate guidance from other staff.
7. Occasional contributions to teaching in relation to his/her research project(s).
8. Other duties as allocated by the supervisor or as directed consistent with the classification of the position.
9. Comply with all ANU policies and procedures, and in particular those relating to work health and safety and equal opportunity.

### Skill Base

A **Level A Academic** will normally have completed four years of tertiary study in the relevant discipline and/or have equivalent qualifications and/or research experience. In many cases a position at this level will require an honours degree or higher doctoral qualifications or equivalent research experience. A Level A Academic shall work with support, guidance and/or direction from staff classified at Level B and above and with an increasing degree of autonomy as the research academic gains in skill and experience.

A **Level B Academic** will have completed a relevant doctoral qualification or have equivalent qualifications or research experience. In addition he/she may be expected to have had post-doctoral research experience that has resulted in publications, conference papers, reports or professional or technical contributions that give evidence of research ability.

### SELECTION CRITERIA LEVEL : Postdoctoral Fellow , Academic Level A

1. A PhD or submission of a PhD thesis in the area of Basic Sciences relevant to the current research at the School and the project as outlined above.
2. Collaborate with senior staff to actively seek and secure external funding, assist to prepare and submit research proposals to external funding bodies as appropriate.
3. Established skills in genome and molecular biology including gene transcription, epigenetics, chromatin biology (in particular chromosome conformation capture technology such as 3C, 4C, 5C and Hi-C).
4. Demonstrated experience with mammalian tissue culture cells.
5. Familiarity with mouse and PDX models of cancer is advantageous.
6. Highly motivated with excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
7. A capacity and willingness to assist with the supervision of undergraduate students and technical staff.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context.

### SELECTION CRITERIA LEVEL : Research Fellow, Academic Level B

1. A PhD in the area of Basic Sciences relevant to the current research at the school and the project as outlined above.
2. A strong record of independent research as evidenced by publications in peer reviewed journals and an ability to attract research funding.
3. Established skills in genome and molecular biology including gene transcription, epigenetics, chromatin biology (in particular chromosome conformation capture technology such as 3C, 4C, 5C and Hi-C).
4. Demonstrated experience with mammalian tissue culture cells.
5. Demonstrated ability with mouse and PDX models of cancer.
6. Demonstrated ability to contribute to the supervision of higher degree research students and technical staff.
7. Highly motivated with excellent oral and written English language skills and a demonstrated ability to communicate and interact effectively with a variety of staff and students in a cross-disciplinary academic environment and to foster respectful and productive working relationships with staff, students and colleagues at all levels.
8. A demonstrated understanding of equal opportunity principles and policies and a commitment to their application in a university context

Delegate Signature:

Date:

Printed Name:

Professor Ross Hannan

Position:

Head