



Position Description

Position Title:	Senior Research Officer
Salary Range:	MCRI Research Salaries - Research Officer Level B Step 1
Reporting Manager:	A/Prof Katie Ayers & Professor Andrew Sinclair
Direct Reports:	None
Home Group:	Reproductive Development

Children are at the heart of everything we do.

The Murdoch Children's Research Institute (MCRI) is home to significant scientific discoveries. We believe there is an answer, a cure, or a better treatment for every childhood condition – and we are determined to find it.

We are a diverse team of world-leading researchers, doctors, engineers, and hardworking professionals in corporate and scientific services from all corners of the world with one shared goal – to transform child health worldwide.

Our strength lies in our partnership and co-location with The Royal Children's Hospital and the University of Melbourne – the Melbourne Children's Campus. This rare model amplifies opportunities to quickly translate research into clinical care.

At MCRI, you will also find our subsidiary organisation, the Victorian Clinical Genetics Services (VCGS), a specialist childhood, prenatal and adult genetics service. VCGS provides an integrated genetic consultation, counselling, testing and diagnostic support service to children, adults, families, and prospective parents.

Together, we share a powerful vision: re-imagine the future of child health.

What is it like to work for us?

We are committed to ensuring a positive working environment that values all backgrounds and experiences. We cultivate an inclusive culture that is underpinned by equal opportunity for all and a culture based on respect, consideration, and dignity. We are also committed to developing our People and fostering an environment where learning and development is central to our staff reaching their full potential.

Position Overview

The Postdoctoral Researcher will report to A/Prof Katie Ayers and Professor Andrew Sinclair, Heads of the Reproductive Development group. The purpose of this position is to continue our organoid projects. The Postdoctoral Researcher will join our research team focussing on understanding the molecular basis of disorders of sex development.

Key Accountabilities

- Culturing and maintaining stem cell lines including patient IPS cells
- Carrying out differentiation protocols on stem cells

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- Molecular analysis including IF, qPCR and FACs analysis
 - Recording work in lab book
 - Reading relevant publications
 - Writing publications and reports
 - Contributing to grant applications
 - Carrying out genomic sequencing analysis
 - Presenting work at group meetings and conferences
 - Conducts ethical research at the highest level of integrity and in line with the Australian Code for Responsible Conduct of Research and MCRI policies
 - Conducts research activities in alignment with the strategic direction of the Institute
 - Is competitive for an NHMRC Emerging Leadership Investigator Grant or equivalent
 - Attracts external competitive funding and has a record of high quality publications, potential commercial/clinical/public health research impact and peer recognition
 - Has the ability to lead a research team/project and develop, manage and mentor employees to create a positive scientific research culture
 - Co-supervises, or where appropriate, supervises honours or postgraduate research projects
 - Is engaged in the campus culture including professional development activities, membership of campus committees and contributing to/attending internal/external campus conferences and seminars
 - Makes significant and/or independent contributions to grant submissions and publications including lead authorship
 - Makes contributions to external journal and grant reviews
 - Fosters relationships with key internal and external stakeholders
 - Evaluates opportunities for translation/commercialisation if appropriate
 - May manage project/grant finances
 - Conducts continuous maintenance of neat and orderly records, lab books and data storage
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What we need from you

- Relevant PhD/Doctoral qualification
 - At least 3 years experience in the techniques above (relative to opportunity) and appropriate level of expertise gained from a combination of experience, training or professional accreditation
 - Has own funding or is competitive for own funding
 - Building a reputation at a National level as an outstanding researcher and is working towards building an international reputation
 - Track record in research leadership and/or knowledge translation
 - Evidence of research outputs and impact as evidenced by publication records (including first or senior author papers), conference attendance
 - Demonstrated capacity to work independently and collaboratively in a team environment
 - Advanced communication, presentation and writing skills
 - Demonstrated experience and ability to lead and mentor employees in order to foster a positive scientific research culture
 - Education and supervision of future researchers and successful higher degree student completions
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Conditions of Employment

- Working with Children & National Police Clearance (if appointed) in compliance with the Victorian Governments Child Safety Standards
 - The right to reside and work in Australia and you meeting any applicable visa conditions
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Health, Safety & Wellbeing

- We are committed to providing and maintaining a working environment which protects the health, safety and wellbeing of our people, partners and the community
 - Employees conducting duties on behalf of MCRI are expected to meet the environment, health and wellbeing requirements and responsibilities specifically required for the role
 - We are committed to supporting children in their right to be safe and adhere to the responsibilities we have to ensure their protection and safety as per the Child Safety Standards Policy
 - Specified positions may be subject to medical review to ensure that the inherent requirements of the role can be undertaken safely
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