

Job Description



Position Title	Senior Research Officer	Level	B
Reports to (role)	Head, Mitochondrial Medicine and Biology	Career Stream	Research
Team	Mitochondrial Medicine and Biology		
Location	Kids Research Institute Australia, Perth Children's Hospital, 15 Hospital Ave, Nedlands		

PURPOSE OF POSITION

The Senior Research Officer position will manage mitochondrial, molecular biology and bioinformatic analyses for projects within the Mitochondrial Team. This position will assist the team with a variety of duties, including, but not limited to analysing genomic, transcriptomic, proteomic, lipidomic and metabolomic datasets to identify mutations and analyse the functional effects of mutations in human and mouse genomes. An extensive experience with molecular biology, cloning, cell biology and imaging is required. Also work with mice is desirable.

KEY RESPONSIBILITIES

Key Responsibilities	Tasks required to achieve Key Responsibilities	Measures
Research Activities	• Experimental work and extensive experience in molecular biology, cell biology and protein engineering. • Assist and drive the development of research projects, including reviewing and collating background knowledge, and developing methodological concepts. • Manage bioinformatic analyses. • Perform omics analyses. • Establish new techniques and, where appropriate, refine and optimise current protocols.	• Research activities are accurate, of a high quality and communicated in a timely manner. • Feedback from supervisor and other stakeholders.

Research Management	• Monitor and report on the progress of the project, recognise barriers and risks, and look for effective solutions. • Assist with the preparation and submission of funding applications. • Assist with the development of ethics applications. • Liaise with internal and external collaborators and provide timely updates to the project team.	• Project deliverables executed on time and to budget. • Formal and informal feedback from internal and external stakeholders. • Project conducted in line with ethics and governance requirements.
Research Dissemination and Knowledge Translation	• Contribute to high impact and/or quality publications, manuscripts and reports. • Support translation activities of research findings into practice and policy. • Present at local, national, or international conferences and community forums and identify additional ways to disseminate research outputs.	• Number of papers and abstracts accepted for publication/ presentation by the study team. • Number of reviews completed. • Collaborative research networks established and maintained.
Development and Team Membership	• Mentor and provide training to junior research staff and students. • Contribute to the strategic direction of the team. • Actively support colleagues and contribute to other research projects within the team. • Actively participate in team meetings.	• Positive feedback from team members. • Acknowledged as working collaboratively and effectively.
Workplace Safety	• Take reasonable care for your own safety and health and avoid harming the safety and health of others through any act or omission at work. • Identify and assess workplace hazards and apply hazard controls. • Report every workplace injury, illness or near miss, no matter how insignificant they seem. • Abide by The Kids policies and procedures.	• Responsibilities are embedded in work practices. • Hazards are effectively managed or reported. • Accidents and incidents are reported in a timely manner. • All applicable safety policies and procedures are sought, understood and implemented.

ESSENTIAL CRITERIA

Qualifications:	A PhD or equivalent in Biochemistry, Molecular Biology, Cell Biology, Genetics or equivalent
Essential Skills, Knowledge & Experience:	• Mitochondrial biology expertise • Experience in protein engineering and molecular biology • Experience in cell biology • Bioinformatics experience and experience in analysing transcriptomic and proteomic data. • Highly developed written and verbal communication skills

	• Highly developed interpersonal and organisational skills demonstrated ability to set priorities and meet deadlines. · • Ability to work independently, with minimal supervision and work productively as part of a team. · • Experience supervising and training honours students and other research personnel.
Desirable Skills, Knowledge & Experience:	• Software development experience as well as statistics background.

DIRECT REPORTS	0
-----------------------	---

Approved by:	Professor Aleksandra Filipovska
Date approved:	25 August 2026
Reviewed by P&C:	27 August 2026