POSITION DESCRIPTION

Position Title	Research Assistant (Full-time)
Classification	RA1 - RA5 based on experience
Team/Theme	Ion Channel Disease Laboratory / Epilepsy
Reports to	A/Prof Christopher Reid
Direct Reports	*n/a*
Location	Parkville
Key Relationships	Neurophysiology of Excitable Networks

THE FLOREY INSTITUTE of NEUROSCIENCE AND MENTAL HEALTH:

The Florey Institute of Neuroscience & Mental Health (The Florey) is the largest brain research centre in the southern hemisphere and one of the largest independent medical research institutes in Australia. Our research team's work on a range of neurological diseases including stroke, epilepsy, Alzheimer's, Parkinson's and motor neurone diseases, depression and addiction. We are world leaders in imaging technology, stroke rehabilitation and large population studies to improve patient care around the world.

The Florey is an equal opportunity employer that encourages diversity in the workplace through flexible work practices and family friendly policies. The Florey has a Zero tolerance towards bullying and any form of harassment in the workplace.

To find out more about the Florey please visit www.florey.edu.au

POSITION PURPOSE

The purpose of this position is to support research into understanding of ion channel function in the brain. This will include using molecular techniques and the electrophysiological recordings of ion channel function in expression systems.

KEY RESPONSIBLITIES

Key Responsibilities	Performance Outcomes
Administrative duties	• Record keeping including ethics, OGTR and OHS
Laboratory maintenance	• Maintain equipment in good running order • Order materials • Assist in general laboratory duties from time to time • Prepare and enforce SOPs and safe working practices
Assist in research activities	• Complete molecular experiments including working with DNA, mRNA and protein • In vitro electrophysiology experiments on expressed channels in Xenopus Oocytes or mammalian systems • Run drug screening in expression systems • Perform rodent behavioural experiments
Data analysis	• Data analysis and presentation in written and verbal reports
Assist in training	• Train others including student in research techniques
Confidentiality & Intellectual Property	• Adhere to all Florey Standard Terms and Conditions on Confidentiality, Publications and Intellectual Property
Professional Development	• Play an active role in promoting and generating improvement processes across department.
Other	• Prioritisation of work on a daily basis against set deadlines • Work in a responsible and safe manner, ensure all OSH requirements are adhered to at all times

PERSON SPECIFICATION

Education & Training

- Essential
  - Bachelor of Science (Honours) or Masters in physiology, neuroscience or related field
  - Experience working in biomedical science, including cell/molecular biology using experimental models

- Desirable
  - Experience in working with rodents

Experience/ Knowledge

- Essential
  - Experience in molecular techniques
  - Ability to take ownership of projects and manage time
  - Ability to deliver results in agreed time frames and to occasionally work to deadlines
  - Understanding and compliance with OHS laboratory requirements

- Desirable
  - Experience in electrophysiology using expression systems such as Xenopus Oocytes and mammalian cell lines
  - Experience in pharmacology and drug screening/discovery
  - Knowledge of relevant aspects of molecular and cellular neuroscience

Skills & Abilities

- Essential
  - Good communication, writing and organisational skills
  - Ability to work as part of a research team
  - Demonstrates initiative

- Desirable
  - Demonstrated ability in basic data analysis programs

Appraisal	An initial appraisal is conducted 4 months after appointment and on an annual basis thereafter.

ACKNOWLEDGEMENT

I have read, understood and accept the above Position Description.

	CHRISTOPHER REID
Employee Name	**Supervisor Name**
Employee Signature	**Supervisor Signature**
	March-2020
Date	**Date**