

## Research Officer and Research Assistant – Eating Disorders

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The Garvan Institute of Medical Research brings together world-leading basic and translational researchers with expert clinicians to break down barriers between traditional scientific disciplines and find solutions to disease.

Our scientists work across four intersecting research themes: medical genomics, epigenetics, and cellular genomics; diseases of immunity and inflammation; cancer; and diseases of ageing affecting bone, brain and metabolism.

### The Opportunity

We are **currently seeking** for a talented and driven **Research Officer** to join the laboratory of Professor Herbert Herzog. These are two key positions that will become an integral part of an already established team of experts who study the molecular mechanisms controlling appetite, energy expenditure and adiposity using several different conditional knockout mouse models.

The **Research Officer** will be expected to demonstrate competence in in situ hybridisation, immunohistochemistry and other related localisation techniques. Expertise in opto- and chemogenetic techniques is also an absolute requirement. This full-time position is an initial fixed 2-year term with a base salary of \$85,245 plus 14% superannuation and additional benefits.

### Key Responsibilities

#### Post-Doctoral Scientist / Research Officer:

- In vivo and in vitro analysis of parameters from Y-receptor knockout mice using physiological, cell culture and immunohistochemical techniques
- Perform opto- and chemogenetic experiments to evaluate a variety of parameters in relation to feeding behaviour and energy homeostasis control
- Collating experimental data, writing up experimental procedures and interpreting experimental results
- Being mainly responsible for the writing of manuscripts, with an emphasis on submissions to highly quality journals
- Communicating your research as well as relevant publications and developments in the field to those involved
- Recommending ways of improving techniques, quantitative methods and quality control

### About You

- PhD degree and/or Masters, or Bachelor's in Science or Medicine
- A strong background in neuroanatomy
- Demonstrated competence in in situ hybridisation, immunohistochemistry and other related localisation techniques
- Expertise in opto- and chemogenetics is also an absolute requirement
- Able to demonstrate autonomy and consistent work quality
- Excellent written and oral communication skills.
- Competent computer skills ( Excel, Word, Powerpoint)

### How to Apply

Australian/NZ citizen, permanent resident or other applicants with full working rights can only apply. To apply for this position, please submit your application with a CV and must include a cover letter addressing the above criterion. As we will be reviewing applications as they are received, we encourage you to submit yours as soon as possible.