

Position Title	Research Fellow
Group/Portfolio	Griffith Institute for Drug Discovery
Classification	Research Fellow Grade 1/Grade 2 (RF1/RF2)
Position Number	00062162
Reports To	Research Leader Dr Jean Giacomotto (Head Zebraclinics)
Employment Type	Full time, Fixed Term

1.0 Position Purpose

We have recently established our laboratory at GRIDD (Griffith Institute for Drug Discovery) and are looking for motivated and enthusiastic research fellows to join our fast-growing team. Our group uses a combination of genetic, chemical genetics, imaging, cell biology, and screening/engineering to i) develop innovative zebrafish models of human diseases, ii) investigate the underlying pathogenic mechanisms and iii) screen diverse chemical libraries and natural resources for new bioactive molecules (<https://giacomottolab.com/>). Although we are currently focusing on neurological diseases with projects funded up to 2026 and are ideally looking at candidates fitting in that space (motor neuron diseases, neurodegeneration, and mental disorders), we are also welcoming new ideas. This position will be associated/exposed to collaborations with the pharma industry. Importantly, the lab head and the Institute are dedicated to supporting the growth of the selected candidate by helping her/him securing their own funding in short term, via either research grants or fellowships.

2.0 Eligibility Requirements

Essential

- The occupant of this position will hold a PhD or equivalent qualifications/work experience in a relevant field such as molecular and cellular biology, genetics or disease modelling using zebrafish as a model.
- Extensive experience with the zebrafish model or equivalent.
- Extensive experience with molecular biology and cloning.
- Experience with microscopy.
- Very high level of organisation and team spirit.
- Exceptional writing skills.

Desirable

- Micromanipulations/injections of embryos or equivalent.
- Experience with CRISPR/Cas9 approach.
- Experience with drug screening and toxicology.
- Experience with behavioural phenotyping and automatic systems.

- Interest in developing assays and exploring the use of automatic High-Content Imaging Systems such as PerkinElmer Opera or Operetta systems.
- Experience with transcriptomics approach.
- Experience in Calcium imaging.

3.0 Key Responsibilities

- Conduct research that contributes to the research objectives of the Centre/Institute.
- Develop and maintain a good publication record in high-impact, international, esteemed peer-reviewed journals.
- Apply to external funding agency for fellowship and grant. The fellow will benefit from the strong support of the group leader.
- Manage the preparation and formulation of publications, presentations and research reports arising from the research.
- Assist in mentoring and supervision of higher degree research candidates.
- Supervise Research Assistants and technical staff.
- Contribute to teaching activities as required.
- Promote compliance with relevant legislation and University policies and procedures, including research ethics, equity and health & safety, laboratory standards and exhibit good practice in relation to same.
- Be a leading example of the principles and values embodied in the University's Code of Conduct, and behave, act and communicate at all times to reflect fairness, ethics and professionalism.

4.0 Key Capabilities

Griffith University identifies the attributes of resilience, flexibility, creativity, digital literacy and entrepreneurship as critical to our graduates' success, in the rapidly changing future world of work. We have established a Griffith University Capability Development Framework to provide a common language of some of the non-technical organisation skills that will support our staff to thrive now and into the future. The Capability Development Framework will assist you to understand the current skill level of this position in the non-technical but critical skill domains that are increasingly important in a changing workplace context.

To read about some of the non-technical organisation skills for this position, please see the **Leads Self/Others** section of our [Capability Development Framework](#).

Please contact Dr Jean Giacomotto, j.giacomotto@griffith.edu.au for further information.

When applying, please provide:

- Resume
- Cover letter addressing your vision and suitability for the position
- Contact of 3 referees