

## Macrophage control of mammalian growth and development

Project duration:	Three years (with the possibility of two, six month extensions in approved circumstances)
The Role:	A PhD opportunity is available on an Australian Research Council-funded Discovery Project for a student with an honours/master's degree in immunology, physiology, molecular biology or a related field to join the Macrophage Biology research group at Mater Research, based at the Translational Research Institute (TRI), Woolloongabba, Brisbane. The successful candidate will be enrolled in a higher degree (PhD) by research at The University of Queensland and carry out a research project focused on the role of macrophages in development and physiology in rats. The project will commence in Research Quarter 1, 2021.
The Project:	Macrophages are specialised phagocytic cells that are present in all mammalian tissues, where they play critical roles in homeostasis and host defence. This PhD project will focus on tissue macrophage heterogeneity in rats the role of macrophages in the control of development, physiology and homeostasis in one or more major organ systems including liver, muscle and the gastrointestinal tract, depending on candidate interest and expertise.
Suitable for:	<p>Applications will be judged on a competitive basis considering the applicant's previous academic record, publication record, honours and awards and employment history.</p> <p>The applicant will demonstrate academic achievement in the field(s) of immunology, physiology, biochemistry, or molecular biology and the potential for scholastic success.</p> <p>A background or knowledge of working with experimental animals is highly desirable.</p> <p>Only Australian citizens and permanent residents are eligible for this project.</p> <p>*The successful candidate must commence by Research Quarter 1, 2022. You should apply at least three months prior to the <a href="#">research quarter commencement date</a></p>
Remuneration:	<p>\$28 597 per annum three years (with the possibility of two, six month extensions in approved circumstances).</p> <p>Scholarships are tax exempt for Australian citizens and residents. University fees apply to overseas candidates (currently AUD\$11 470 per quarter).</p>

Primary Supervisor/s:

Professor David Hume and Dr Katharine Irvine

Further info:

Further information can be obtained by emailing Professor Hume [david.hume@uq.edu.au](mailto:david.hume@uq.edu.au) or Dr Irvine [Katharine.irvine@uq.edu.au](mailto:Katharine.irvine@uq.edu.au)

Applicants must supply a cover letter explaining your interest in and suitability to undertake research in this area, CV and copies of Academic Transcripts.

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