

Macrophage control of mammalian growth and development

Project duration:	Three years (with the possibility of two, six month extensions in approved circumstances)
The Role:	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.
Expected outcomes and deliverables:	<p>Students can expect to gain knowledge of macrophage biology and their diverse roles in multiple organs in physiological and pathological settings. They will acquire skills in a broad range of techniques including animal handling, multicolour flow cytometry, histology and histochemistry, molecular and cellular biology.</p> <p>Students will be expected to complete annual progress reports as required by UQ.</p>
Suitable for:	Applications will be judged on a competitive basis considering the applicant's previous academic record, publication record, honours and awards and employment history. The applicant will demonstrate academic achievement in the field(s) of immunology, physiology, biochemistry, or molecular biology and the potential for scholastic success. A background or knowledge of working with experimental animals is highly desirable. Only Australian citizens and permanent residents are eligible for this project. *The successful candidate must commence by Research Quarter 1, 2022. You should apply at least three months prior to the research quarter commencement date.
Primary Supervisor:	Professor David Hume and Dr Katharine Irvine
Remuneration:	<p>This is an Earmarked scholarship project that aligns with a recently awarded Australian Government grant.</p> <p>The scholarship includes:</p> <ul style="list-style-type: none"> • living stipend of \$32,192 per annum tax free (2023 rate), indexed annually • your tuition fees covered • single overseas student health cover (OSHC).

Further info:

Further information can be obtained by emailing Professor Hume david.hume@uq.edu.au or Dr Irvine 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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