

## ***Bioinformatics in Cairns Australia – Fully funded PhD***



Primary Supervisor: A/Prof Matt A Field (<https://research.jcu.edu.au/portfolio/matt.field/>)

Location: James Cook University, Cairns 4878, QLD Australia.

PhD (International/Domestic). Scholarship is fully funded however applicants should be familiar with the [Higher Degree by Research Requirements](#).

**Conditions: Candidates need to submit their EOI by March 21<sup>st</sup> and be able to arrive in Australia by June 2023.**

### Project summary

A fully funded PhD scholarship is available to fund a new project in immunogenomics. The candidate will work with leading immunologists and bioinformaticians across Australia in networks including the Centre for Personalised Immunology (<https://jcsmr.anu.edu.au/research/centres/cpi>) and CIRCA ([link](#)). This PhD project will utilise the latest in sequencing technologies (including single cell and long reads) to discover the genetic contribution to human immunological diseases. The candidate would help develop cutting edge bioinformatics workflows and through collaborations with the Garvan Institute of Medical Research and the Australian National University will contribute to the latest research in understanding the progression of auto-immune disease. This PhD project is suited to those with a background (or strong determination to advance) in bioinformatics, variant detection and workflow development. Experience with immunology and single cell technologies would be an asset.

Enquiries to A/Prof Matt Field by March 21<sup>st</sup>, 2023 ([matt.field@jcu.edu.au](mailto:matt.field@jcu.edu.au))