

2022/2023 Summer or Winter Research Project Description

Project title:	Extracts from native flora sources modulate cytokine release from immune cells
Project duration, hours of engagement & delivery mode	This project can only be completed in person as experiments are required. The project will operate for 8 weeks only and require around 20-36 hours per week.
Description:	Extracts of native origins have been demonstrated to possess therapeutic potential in a number of different diseases and pathophysiological situations. Modulation of cytokines can indicate a potential for anti-inflammatory mechanisms and can lead to discoveries for new therapeutics or treatment strategies that provide new alternatives. This study will examine plant extracts and their modulation of macrophage release of cytokines like IL-6.
Expected outcomes and deliverables:	Scholars will gain experience in cell culture, data management, alphascreen elisa assays, and other biological assays.
Suitable for:	This project is open to students from pharmacy or the pharmaceutical science focussed backgrounds in year 4 or masters studies.
Primary Supervisor:	Peter Cabot.
Further info:	Please contact p.cabot@uq.edu.au for further information