

UQ Winter Research Project Description

Please use this template to create a description of each research project, eligibility requirements and expected deliverables. Project details can then be uploaded to each faculty, school, institute, and centre webpage prior to the launch of the program.

Project title:	What is the evidence that pain promote cancer?
Hours of engagement & delivery mode	The student will be expected to work independently to conduct a literature search and write a review manuscript, with the help of and regular meetings with the supervisor. There is no need for in-person attendance but meeting with UQ librarians may be required. Overall the equivalent of 4 weeks FT work is expected.
Description:	Our laboratory has had a long-standing interest in exploring the effect of opioids on the biology of tumours. Recent clinical evidence indicates that the use of opium, and possible pharmacological opioids, results in a higher risk of developing certain cancers. However other pain medications may have a similar albeit smaller effect, favouring the hypothesis that it is pain rather than the pain medications that leads to increased cancer risk. This project will search and review the literature linking pain to cancer (in vitro, in animals and in humans) to support or inform this hypothesis.
Expected outcomes and deliverables:	This will be a narrative review and will involve literature search, screening, review, analysis and summary, ideally resulting in a review article that with the help of the supervisor may be publication-ready
Suitable for:	This project is open to medical or 3 rd – 4 th year health sciences students with strong analytical and scientific writing skills, and an interest in pain research
Primary Supervisor:	A/Prof Marie-Odile Parat
Further info:	IF needed please email m.parat@uq.edu.au