

Neuroimmune crosstalk in the pathophysiology of chronic pain



Neuropathic Pain Research Group, Translational Neuroscience Facility, School of Medical Sciences, Level 3, Wallace Wurth Building, UNSW Sydney

Supervisor: A/Prof Moalem-Taylor Gila; E: gila@unsw.edu.au

SPECIALISTS IN CHRONIC PAIN / NEUROIMMUNOLOGY RESEARCH

Background: The research group is part of the Translational Neuroscience Facility and is interested in neuroimmune interactions in health and disease, particularly in neuropathic pain, a form of chronic pain caused by a lesion or disease of the somatosensory nervous system. The goal is to identify targets and mechanisms for reducing pain and disability through immunomodulation.

Current research focuses on the role of immune cells and cytokines in neuropathic pain caused by peripheral nerve injury, autoimmune diseases of