

Project Title	Living electrodes: Adhering cells through biotinylation
Supervisor	Dr Rylie Green
Theme(s)	Regenerative Medicine and Biomaterials Neurotechnology and Robotics
Project Type	Lab based
Project Description	<p>Previous work has demonstrated that biotinylation is possible with neural cell types. This project aims to expand this to produce electrodes which can be coated with neural cells to allow for better biointegration at the implant site.</p> <p>The work will involve evaluating different cells types will be evaluated as well as the production of suitable electrode coatings. This builds on our concept of a "living electrode".</p>