

Successful recipients of the Centre National de la Recherche Scientifique (CNRS) – University of Melbourne Joint PhD Proposal Awardees

2023

UoM PI	Faculty	Collaborating PI	Project Title
Prof Geoffrey McFadden	SCI	Cyrille BOTTE	Understanding how lipid trafficking at membrane contact sites allows the survival and propagation of Apicomplexa parasites within their human host
Prof Eric Reynolds	MDHS	Eric CASCALES	Architecture, biogenesis and dynamics of the type IX secretion system
Dr Jan-Hendrik May	SCI	Mathieu SCHUSTER	Numerical modelling perspective on hydro-sedimentary dynamics in drylands: What does it take for wind-driven hydro-sedimentary processes to shape the shorelines of Lake Eyre?
Justin Minter	MDHS	Philippe PIERRE	MARCH1 ubiquitin ligase and immunity: From characterization to manipulation.
Prof Jonathon Barnett	SCI	Sophie CAILLON	Novel Systems for Monitoring Social-Ecological Change in the South Pacific

2021

UoM PI	Faculty	Collaborating PI	Project Title
Prof Janet Keast	MDHS	Alain Chedotal	Solving the puzzle of the human pelvic plexus: A developmental and multiscale imaging approach
Prof Elisabetta Barberio	SCI	Sara Diglio	XEnon Time Projection Chambers: R&D for future generation experiments and searching for Mirror Dark Matter
Dr Alexander Flikov	SCI	Jean-Baptiste Filippi	Multiscale experimentation and simulation of wildfire SPOTting
Prof Stephen Swearer	SCI	Suzanne Mills	Artificial Light at Night on Reefs
Prof Peter Rayner	SCI	Philippe Peylin	Joint assimilation of satellite CO2 and vegetation fluorescence data to constrain the carbon budget of land surface models.

2019

UoM PI	Faculty	Collaborating PI	Project Title
Dr Pavel Krupskyi	SCI	Prof Ivan Kojadinovic	Modelling of multivariate data with complex dependence structures using copulas
Prof Tim Fletcher	SCI	Prof Etienne Cossart	New monitoring technologies serving a better understanding of land and river degradation in urban areas
A/Prof Isabelle Rouiller	MDHS	Slavica Jonic	Analysing the function of the ATPase p97 using cryo-EM
Prof Frédéric Hollande	MDHS	Dr Patrick Mehlen	Characterising the role of netrin-1 and its dependence receptors in drug tolerance and treatment-induced plasticity of metastatic human CRC
Dr John Golz	SCI	Dr Gwyneth Ingram	Role of tissue mechanics in regulating seed growth
A/Prof Gabriel da Silva	FEIT	Dr Christa Fittschen	Atmospheric Chemistry of Silicon Compounds and their Role in Indoor Air Quality: Theory and Experiment