

The role of extracellular vesicles in neurodegenerative diseases

Prof Andrew Hill, BSc(Hons), DIC, PhD
Director, RFA Understanding Disease
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Professor Andy Hill gained his BSc(Hons) in Biochemistry and Molecular Biology from Victoria University of Wellington in New Zealand and his PhD at Imperial College, London. He held post-doctoral positions in the MRC Prion Unit (London) and in the Department of Pathology at the University of Melbourne as a Wellcome Trust Prize Travelling Research Fellow. Andy joined the Department of Biochemistry and Molecular Biology at the University of Melbourne in 2002 and moved his lab into the Bio21 Institute when it opened in 2005. In 2015, Andy moved his laboratory to the La Trobe Institute of Molecular Sciences (LIMS) in 2015 at La Trobe University where and was Head of the Department of Biochemistry and Genetics from 2015-16. In 2017, Andy was appointed Director of LIMS. Andy is a previous holder of an NHMRC Senior Research Fellowship, and an ARC Future Fellowship (Level 3). He has been the recipient of several awards and prizes including a Victorian Young Tall Poppy Award in 2006, and the Edman Award (2005) and, in 2010, the Merck Research Excellence Medal from the Australian Society for Biochemistry and Molecular Biology. Andy's research team uses *in vitro* and *in vivo* models to look at how abnormally folded proteins associated with neurodegenerative diseases travel from cell to cell in extracellular vesicles. His laboratory also has a major focus on understanding the role of small RNA's in extracellular vesicles and using these as potential biomarkers for neurological diseases.



DATE

**THURS 5
APRIL**

TIME

12.00PM – 1.00PM

LOCATION

**TRF BUILDING
LEVEL 2, SEMINAR
ROOMS 1 AND 2**