



Nicholas A. Gherardin

Microbiology and Immunology
Doherty Institute
Australia

Nick completed a Bachelor of Biomedicine at the University of Melbourne, including Honours in 2011. Nick subsequently undertook a PhD in the Godfrey Lab at the University of Melbourne and the HITRL Lab at the Peter MacCallum Cancer Centre. Nick's PhD studies focussed on antigen-recognition by MR1-restricted T-cells, and the role of unconventional T-cells in myeloma. Nick was awarded his PhD in 2016 and currently works as a Postdoctoral Fellow in the Godfrey Lab. Nick's work focuses on the biology of MR1-restricted MAIT cells, CD1-restricted T-cells and gamma-delta T-cells, exploring their antigen-recognition, effector function, and their roles in cancer.

- **2018**

- **Journal Articles Refereed**

- Enumeration, functional responses and cytotoxic capacity of MAIT cells in newly diagnosed and relapsed multiple myeloma. *Scientific Reports*. 8. 2018

- Human blood MAIT cell subsets defined using MR1 tetramers. *Immunology and Cell Biology*. 96. 2018

- **2017**

- **Journal Articles Refereed**

- Drugs and drug-like molecules can modulate the function of mucosal-associated invariant T cells. *Nature Immunology*. 18. 2017

- **2016**

- **Journal Articles Refereed**

- A three-stage intrathymic development pathway for the mucosal-associated invariant T cell lineage. *Nature Immunology*. 17. 2016

- Atypical natural killer T-cell receptor recognition of CD1d-lipid antigens. *Nature Communications*. 7. 2016

- Diversity of T Cells Restricted by the MHC Class I-Related Molecule MR1 Facilitates Differential Antigen Recognition. *Immunity*. 44. 2016

- Spontaneous onset and transplant models of the Vk*MYC mouse show immunological sequelae comparable to human multiple myeloma. *Journal of Translational Medicine*. 14.2016