

Resume: Michael Le Page

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ADDRESS: 1/33 Strickland Street, Mount Claremont WA 6010
DATE OF BIRTH: February 20th 1983
NATIONALITY: Australia and USA (dual)



Qualifications:

2017 PhD (Immunology): Thesis title “Studies of KIR2DL4 and HLA-G”.
2014 Certificate IV in Small Business management
2003 University of WA: Bachelor of Science (Molecular Biology)

Work history:

2008-12, 2016-17 PhD student – University of Western Australia
2014-2017 3D printed Designs by Mike Le Page (www.shapeways.com/shops/mikelepage)
2012-2014 Medical Scientist – Royal Perth Hospital (Department of Immunology)
2005-2007, 2011 Medical Scientist & DNA database coordinator – Princess Margaret Hospital (Departments of Immunology, Diabetes and Endocrinology)
1999-2005 Cashier and Shop Assistant – Coles Supermarket, Claremont

Science experience:

After completing my Bachelor of Science at UWA with a double major in Molecular Biology (2001-2003), and subsequent honours equivalent course in Pharmacology and X-ray Crystallography (2004), I was fortunate to work at the Princess Margaret Hospital Department of Diabetes and Endocrinology as a research assistant and DNA/HLA database coordinator (2005-2007). I began my PhD through the UWA School of Pathology and Laboratory Medicine (at Royal Perth Hospital Department of Clinical Immunology) in 2008.

As a result of my PhD research on the function of NK cell tolerance receptor KIR2DL4 and its proposed ligand HLA-G, I won the Australian Society for Immunology poster prize at the 2011 UWA Combined Biological Science Meeting (CBSM) meeting. I also gave a poster presentation at the 2011 American Association of Immunology Annual meeting in San Francisco, and was an invited plenary speaker to the 7th International Conference on HLA-G, 2015 in Paris. The publications reporting this work were published in *Tissue Antigens* in 2013 and the *Journal of Immunology* in 2014. At this time (Dec 2012-Mar 2014), I also performed Medical Scientist roles in the RPH Department of Immunology, researching good manufacturing process compliant NK cell culture expansion methods, and in specimen reception at the PMH Department of Immunology. Since then I have maintained my interest in my core expertise of flow cytometry by attending professional development meetings and workshops.

Research Methods: Flow cytometry, Cytokine Release Assays, ELISA, GMP-compliant cell culture methods, PCR/DNA sequencing, Confocal microscopy, SDS PAGE/Westerns.

Publications: M. E. Le Page et al "Killer Ig-like Receptor 2DL4 Does Not Mediate NK Cell IFN- γ Responses to Soluble HLA-G Preparations," *J Immunol*, vol. 192, pp. 732-40, Jan 2014.

M. E. Le Page et al. "Genetic polymorphism of KIR2DL4 (CD158d), a putative NK cell receptor for HLA-G, does not influence susceptibility to asthma," *Tissue Antigens*, vol. 82, pp. 276-9, Oct 2013.

3D Printing Business Experience:

In early 2014, financial necessity led me to take a break from research science, and I participated in the federal government's New Enterprise Incentive Scheme, which requires participants to develop and run a sole-trader business. I achieved a Certificate IV in small business management, and then proceeded to 1) sell my 3D printed designs via my shapeways.com online shopfront, and 2) consult for companies wishing to have 3D printed objects designed.

My 3D printing design work has given me the opportunity to collaborate with the WA solar panel start-up company ClearVue PV as well as the Realtime Sensor research group with Dr Alex Shaykevich and Assoc/Prof Michael Rosenberg at UWA SSEH, creating custom, wearable cases for sensor/haptic feedback devices used with Parkinson's and Cerebral Palsy research. This has led to opportunities with Perth innovation centres such as Bloom Labs and CoreHub: and through this I was fortunate enough to led a team to win the 2016 NASA Apps Hackathon (Perth section), a competition where teams are formed create unique solutions to NASA problems.

A pragmatic problem solver and team player:

I have lived in Perth since age 3, but have been strongly influenced by US innovation culture. With an optimistic outlook, my creative ability and excellent interpersonal skills, I believe I can make a strong contribution to any role in which I can apply my research training.

In my spare time, I like to dance Latin styles such as Salsa or Tango, compose/perform music and write creatively. I believe this performance experience has also fed back into my ability to make presentations clear and succinct, which I think is critical to communicating important scientific results and advocating for future research.

Referees:

(please contact me for my referee details)