


KAI International Meeting 2020 Virtual

[Reply Form_ Curriculum Vitae]

Name	Scott Mueller	
Affiliation	The University of Melbourne, and the Peter Doherty Institute for Infection and Immunity.	
Official Position	Professor	
Education	PhD. 2003, The University of Melbourne.	
Major Career (less than 5 items)	2020-current Professor, Department of Microbiology and Immunology, The University of Melbourne. 2018-2022 NHMRC Senior Research Fellow. 2014-current Laboratory head, Peter Doherty Institute for Infection and Immunity. 2014-2017 ARC Future Fellow.	

Biography

Professor Scott Mueller is an Australian National Health and Medical Research Council (NHMRC) Senior Research Fellow and head of the immune imaging laboratory in the Department of Microbiology and Immunology, The University of Melbourne, and the Peter Doherty Institute for Infection and Immunity. Scott completed his PhD at The University of Melbourne, performed postdoctoral training in the USA at Emory University and then at the National Institutes of Health before starting his laboratory in 2010. Scott Mueller's research is focused on dissecting the fundamental cellular processes involved in immune responses to infectious diseases in order to identify new targets for vaccine design and therapeutics. He is interrogating cell dynamics and cell-cell interactions in vivo from the perspective of the immune cells (lymphocytes, dendritic cells) and stromal cells to achieve a detailed understanding of these processes from the cell to the tissue level. Utilizing animal models and intravital microscopy techniques he has pioneered methods to image skin and discovered subsets of tissue-resident memory T cells that provide rapid, front-line defense against infections. Current research is also identifying neuro-immune pathway influencing cell migration.

* Please note that your Reply Form & Photo might be uploaded at KAI International Meeting 2020 website.