



Dr. Kellie Jurado is a Presidential Assistant Professor in the Microbiology Department at University of Pennsylvania. Her research team uses emerging viral pathogens to describe early life immunity.

She completed her postdoctoral training in Immunobiology with Akiko Iwasaki at Yale and earned her PhD in Virology from Harvard University with Alan Engelman. She is the recipient of multiple prestigious grants and fellowships, including the L'Oreal for Women in Science Award, Pew Biomedical Research Scholars and the David and Lucille Packard Fellowship. Jurado has won multiple trainee-nominated mentoring awards and is committed to efforts of inclusion and equity.



Dr Ebony Monson is a postdoctoral researcher in the antiviral innate immunology and viral genomics laboratory (headed by Prof. Karla Helbig) at La Trobe University. Ebony completed her PhD in February 2021.

Her research explores the role of lipid droplets during viral infection. In 2022 Ebony was awarded the prestigious AVS Rising Star Award and has been the recipient of 2 ECR grants as CIA; a CASS foundation grant to look at the role of lipids within lipid droplets, and a Jack Brockhoff foundation grant to develop lipid droplets toward a novel antiviral therapy. In her spare time, Ebony organises and hosts a science communication event called Nerd Nite in Melbourne.



AUSTRALASIAN VIROLOGY SOCIETY



Dr. Siyuan Ding received his bachelor's degree in Biological Science from Fudan University in Shanghai working in a baculovirus lab. He then received doctoral training at Yale University working on hepatitis B virus and type III interferon signaling.

After that, he conducted postdoctoral training with Dr. Harry Greenberg at Stanford University studying rotavirus infection and intestinal immunity. He started his independent research lab as an Assistant Professor at Washington University in St. Louis at the end of 2019. Since 2020, his group has published 21 papers on rotavirus and SARS-CoV-2 and he is the corresponding author for 14 of these publications. His lab was the first in the US to show that SARS-CoV-2 robustly infects and replicates in human intestinal epithelial cells. His lab was also the first to use the rotavirus reverse genetics system to study the viral determinants of host range restriction.



A/Prof Stuart Turville's background is as a basic and translational scientist with extensive expertise in molecular virology (Nature Methods 2008; Nature Microbiology 2022; PloS Pathogens 2012; Traffic 2017; Nature Microbiology 2022) and basic immunology (Nature Immunology 2002, Blood 2004).

Using this foundation, I have utilized many mechanistic aspects of basic science research to focus on translational solutions with regard to gene therapy efforts (Molecular Therapy, 2015 & 2017) and pandemic responses (PloS Med. 2021; Nature Microbiology 2022; Lancet Ebiomedicine 2022).