

**School of Biomedical Sciences
Department of Microbiology and Immunology
MPhil Completion Seminar**

**“ Into the variant-verse: Functional antibody responses to
SARS-CoV-2 ”**



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Chung/Kent Labs

SARS-CoV-2 remains a formidable public health challenge, continuing to cause COVID-19 infections in humans despite the extensive rollout of vaccines. Anti-SARS-CoV-2 antibodies play crucial defensive roles in the immunological response following both infection and vaccination. While antibody neutralisation is associated with protection from symptomatic COVID-19 disease, there is growing evidence that supports a role for antibody mediated functional responses in viral control. My oration will focus on characterising features of the anti-SARS-CoV-2 response profiled in individuals from household transmission studies early in the pandemic, to functional antibody responses in vaccine-recipients against emerging variants. Understanding features of protective antibody immunity will help inform better vaccine strategies in the face of emerging variants.

Friday 19th August 2022 at 4.00pm

*In-person attendance: Auditorium, Doherty Institute
or join us via Zoom Webinar: 858 6695 9190 Password: 381008*

Followed by a Q&A at the end of presentation

