

DEPARTMENT OF MICROBIOLOGY AND IMMUNOLOGY

RESEARCH SEMINAR



Dr Stephanie Begg

Research Centre for Infectious Diseases
University of Adelaide

Host: Prof Tim Stinear

Of mice and (almost) men: examining mismetallation at the host-pathogen interface

Abstract:

The innate antimicrobial properties of metals have been exploited since antiquity. During infection, invading bacteria are exposed to toxic levels of metal ions as part of the innate immune defence, but how this metal kills the bacteria is still not well understood. This study examines how the use of zinc may directly enhance immune clearance of *Streptococcus pneumoniae* through mismetallation of pneumococcal proteins.

Thursday, 17 August 2017, 12pm Auditorium

The Peter Doherty Institute for Infection and Immunity | 792 Elizabeth Street, Melbourne VIC, Australia

Everyone welcome. For seminar attendees wishing to have further discussions with the speaker after the seminar, light refreshments will be provided in the Doherty Institute Tearoom on Level 5.

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