

# Visiting Speakers Program -Event Report-

## Doherty Institute Seminar Series



The Australian Society for Microbiology Visiting Speakers Program sponsored Prof. Alan Landay from the Department of Internal Medicine at Rush University in Chicago to present at the Peter Doherty Institute for Infection and Immunity Seminar Series on the 4<sup>th</sup> of July 2019. Titled “Ageing and the immune system – a dangerous liaison”, Alan gave an enlightening update on the expanding research field of ageing. He discussed the heightened inflammatory state that arises with ageing, the role of the human gut microbiome in driving this process, and the development of aged, senescent immune cells. Moreover, Alan delved into how these processes relate to premature ageing diseases seen in HIV infected individuals on long term antiretroviral therapy. Finally, Alan highlighted the emerging classes of drugs termed senolytics and senomorphics that may improve the effects of ageing, which was a reassuring finale to an illuminating seminar of fundamental interest to all given the ageing that we all inevitably face.

*Report contributed by: Dr Jenny Anderson, Senior Scientist, Lewin/Cameron Laboratory, PDI*



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