

## 2018 Seminar

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### Generating CRISPR Mouse Models for Disease Modelling and Population Suppression.

#### **Prof Paul Thomas**

**SA Genome Editing Facility (SAGE), The University of Adelaide | South Australian Health & Medical Research Institute (SAHMRI)**

Prof Paul Thomas leads the Genome Editing Laboratory and SA Genome Editing Facility at the University of Adelaide and South Australian Health and Medical Research Institute.

Prof Thomas completed his Ph.D. at the University of Adelaide in 1994. He then moved to the National Institute for Medical Research (London) and completed a 3 year post-doctoral position with the late Dr. Rosa Beddington, who was a world-leader in the field of developmental biology. In 1998, he returned to Australia with the support of an NHMRC Florey Fellowship and established an independent research group at the Murdoch Institute in Melbourne. In 2006, he moved to the University of Adelaide and in 2008 was awarded a prestigious Pfizer Australia Research Fellowship. In 2014 he was promoted to full Professor and established the SA Genome Editing (SAGE) facility. In 2018, he relocated to the South Australian Health and Medical Research Institute.

His research focuses on the development of CRISPR/CAS9 genome editing technology for a range of applications including generation and analysis of mouse models for neurodevelopmental disorders and synthetic gene drives for invasive pest suppression. He has published more than 80 scientific articles with >7,000 citations. His research is supported by the USA Defense Advanced Research Projects Agency (DARPA) and the NHMRC.



#### DATE

**THURS 2  
AUGUST**

#### TIME

**12.00PM – 1.00PM**

#### LOCATION

**TRF BUILDING  
LEVEL 2, SEMINAR  
ROOMS 1 AND 2**