

2018 Seminar

www.hudson.org.au

Molecular mechanisms regulating germline stem cell function and fate

Dr Robin Hobbs

Australian Regenerative Medicine Institute and Monash Biomedicine Discovery Institute, Department of Anatomy and Developmental Biology, Monash University

Robin Hobbs established his lab in 2012 at the Australian Regenerative Medicine Institute (ARMI) and the Department of Anatomy and Developmental Biology at Monash University, supported by a Larkin's Fellowship. Prior to establishing his laboratory, Robin worked at research institutes in both the United Kingdom and United States. PhD research was performed in the laboratory of Prof. Fiona Watt, an internationally recognized expert in the adult stem cell field and current Director of the Centre for Stem Cells and Regenerative Medicine, King's College, London. Post-doctoral studies were performed with Prof. Pier Paolo Pandolfi at the Memorial Sloan-Kettering Cancer Center in New York, USA and Beth Israel Deaconess Medical Center (BIDMC), affiliated with Harvard Medical School in Boston, USA. During his postdoctoral studies, he characterized a key and unexpected role for the transcription factor and tumour suppressor PLZF in self-renewal of male germline stem cells (spermatogonial stem cells or SSCs). Since relocating to Australia, Robin has been awarded an ARC Future Fellowship and is an associate investigator within the Stem Cells Australia ARC research initiative. The core focus of Robin's group at ARMI is to define molecular mechanisms underlying germline stem cell self-renewal and male fertility through development and use of mouse models.



DATE

**THURS 30
AUGUST**

TIME

12.00PM – 1.00PM

LOCATION

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