

## 2018 Seminar

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### Modulators of Intestinal Stem Cell Function in Regeneration, Infection and Cancer.

#### Associate Professor Helen Abud

Director, Monash Biomedicine Discovery Institute Organoid Program | Director, Developmental Biology Education, Monash University | Head, Epithelial Regeneration Laboratory, Monash Biomedicine Discovery Institute and the Department of Anatomy and Developmental Biology, Monash University

A/Prof Helen Abud completed her undergraduate degree at Melbourne University, and then trained at the Walter and Eliza Hall Institute before undertaking her doctorate at Oxford University, UK in Cell and Developmental Biology. This was followed by postdoctoral training in the Department of Anatomy (Oxford), Peter MacCallum Cancer Centre (Melbourne) and the Ludwig Institute for Cancer Research (Melbourne)). A/Prof Abud's current research is centred on understanding the molecular mechanisms and environmental influences that regulate stem cells within normal tissues and tumors. A/Prof Abud has a particular interest in molecules that promote intestinal epithelial development and regeneration following damage and how these factors may be altered during aging, degenerative diseases and colon cancer. She utilizes mouse models and human organoid models for a variety of biological studies including response to drug treatments and environment.



#### DATE

THURS 29  
NOVEMBER

#### TIME

12.00PM – 1.00PM

#### LOCATION

TRF BUILDING  
LEVEL 2, SEMINAR  
ROOMS 1 + 2