

The PDZ protein Mutated in Colorectal Cancer (Mcc) is a novel effector of non-canonical WNT signalin

ABOUT THE LECTURE

During zebrafish gastrulation, convergence and extension (CE) movements narrow the body axis mediolaterally and elongate it from head to tail. This process is governed by polarized cell behaviors that are coordinated by components of the non-canonical/ β -catenin-independent WNT signaling pathway, including Wnt5b and the transmembrane planar cell polarity (PCP) protein Vangl2. In my talk, I will introduce the PDZ protein Mcc as an obligate effector of Wnt5b/Vangl2 signals during CE.

Speaker: **Dr. Ray Dunn**
Principal Investigator
*A*STAR Institute of Medical Biology*

Host: **Prof. David Virshup**
Program Director, Cancer & Stem Cell Biology Program
Duke-NUS Graduate Medical School

Date: Tuesday, 2 December 2014

Time: 12.00 PM— 1.00 PM
(Light refreshments will be served at 11.30 AM)

Venue: Duke-NUS Graduate Medical School
Amphitheatre, Level 2

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ABOUT THE SPEAKER

Dr. Ray Dunn obtained his Ph.D. in Cell Biology in 1999 from Vanderbilt University under the supervision of Dr. Brigid Hogan and then completed a post-doctoral fellowship in the laboratory of Dr. Elizabeth Robertson at Harvard University. In 2004, he joined ES Cell International Pte Ltd as a Research Scientist in the Diabetes Group, eventually being named Program Manager in 2005. In 2007, he was appointed as a Principal Investigator in the A*STAR Institute for Medical Biology.

