

Society of Developmental Biologists Singapore

SDBS Seminar Series - Seminar (Virtual)



Biography:

Ogden earned a PhD in Molecular Genetics, Biochemistry and Microbiology from the University of Cincinnati College of Medicine in 2002. She completed postdoctoral training in Hedgehog signaling with Dr. David Robbins in the Department of Pharmacology and Toxicology at Dartmouth Medical School. She joined St. Jude as an Assistant Member in the Departments of Molecular Pharmacology and Biochemistry in 2009. She joined Cell and Molecular Biology in 2014 and was promoted to Associate Member in 2015.

Speaker:

Stacey OGDEN

(Associate Member of Cell and Molecular Biology, St. Jude Children's Research Hospital Memphis, TN USA)

Date: 16 Sep 2021
(Thursday)

Time: 9:00-10:00am SGT
(8:00pm-9:00pm GMT-5)

Host: David Virshup
(Duke-NUS Medical School)

Sending and Receiving the Sonic Hedgehog Signal

Abstract:

The Hedgehog (HH) pathway promotes tissue morphogenesis and homeostasis, and when corrupted leads to developmental syndromes and cancer. I will discuss two projects focused on defining molecular mechanisms promoting HH signaling activity. The first examines how HH ligands are deployed from signal producing cells and trafficked to distantly localized targets through cytonemes. The second project examines how HH-regulated lipid metabolism links signal initiation with fitness of the primary cilium.

Zoom Meeting ID:

<https://nus-sg.zoom.us/my/sdbsseminar>

Meeting ID: 929 765 4321

Passcode: 112233