



The Department of Molecular, Cellular and Developmental Biology Seminar Series Presents



Christopher Westlake

*Investigator for Cell &
Developmental Signaling
NCI -NIH*

*“Connecting membrane transport and reshaping
to the primary cilium”*

Dr. Westlake's laboratory uses advanced fluorescence and electron microscopy imaging techniques, biochemical approaches and zebrafish models to investigate membrane trafficking processes regulated by the Rab small GTPase family that are important in development and disease. His current work focuses on a Rab11-Rab8 cascade which functions in primary cilium formation and apical membrane formation in polarized cells. His lab is also investigating the role of Rabs in the regulation of ciliary Hedgehog signaling. Defects in primary cilium formation and function are important in ciliopathy, diseases linked to primary cilia dysfunction, and cancer.

Wednesday, December 5, 2018
Sterling Chemistry Lab 160
225 Prospect Street, New Haven
3:45pm Tea 4:00pm Seminar
Hosted by: David Breslow

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