CDB SEMINAR

Friday, September 8

15:30 ~ 17:30 C1F CDB Auditorium

Speaker 1: 15:30 ~ 16:30

Janet Heasman

Division of Developmental Biology, Cincinnati Children's Hospital Research Foundation

Wnt signaling and dorsal axis formation

Summary
Wnt signaling controls the formation of the dorsal axis in vertebrates. Recent work in Xenopus has identified the essential ligand-receptor interaction and the mechanism of signal transduction.

Speaker 2: 16:30 ~ 17:30

Chris Wylie

Division of Developmental Biology, Cincinnati Children's Hospital Research Foundation

Cortical actin; the early embryonic skeleton

Summary
Cortical actin controls the shape and rigidity of the early embryo. Our work in Xenopus has shown that it is assembled on transmembrane cadherins, and its assembly is controlled by intercellular signaling pathways.

Host:
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