NEUROSCIENCE & BEHAVIOURAL DISORDERS

Invited Speaker Seminar



Presenter:
Dr Francois Schweisguth
Research Director, CNRS
Director of the Developmental and Stem Cell Dept,
Institut Pasteur

Title: Self-organization and patterning dynamics in Drosophila

Abstract:
Pattern formation is a central question in developmental biology. Patterns of differentiated cells that are invariant across individuals can be generated by interpreting a fixed pre-pattern or via self-organization. The patterns of sensory organs in insects are model systems to study how simple patterns dynamically emerge during development. In my talk, I will discuss the role of self-organized Notch dynamics in generating a stereotyped pattern of sensory bristles in adult flies.

Seminar Details:

Date:
7 January 2019, Monday

Time:
3:00pm to 4:00pm

Venue:
Meeting Room 7C, Level 7
Duke-NUS Medical School

Host:
Assoc Prof Wang Hongyan
Deputy Programme Director

Principle Investigator
Duke-NUS Medical School
Neuroscience & Behavioural Disorders Programme