NANYANG TECHNOLOGICAL UNIVERSITY

School of Biological Sciences

SBS Seminar Announcement

Structural Organization of E-Cadherin and its Interactome Probed by Proteomics and Super-resolution Microscopy

Dr Ronenn Zaidel-Bar
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BIOGRAPHY

Dr Zaidel-Bar obtained his Ph.D. working with Prof Benny Geiger (Weizmann Institute of Science) on the role of force in regulating cell-matrix adhesions. Their work first focused on single proteins and evolved to encompass the entire adhesome network. In his Postdoctoral training with Prof Jeff Hardin (University of Wisconsin – Madison) Dr Zaidel-Bar switched from studying cells in culture to employing the genetic model organism C. elegans for the study of cell-cell adhesions during development. Dr Zaidel-Bar was attracted to Singapore by the opening of MBI and was awarded the Singapore National Research Foundation Fellowship for promising young investigators.

RESEARCH INTERESTS

The assembly, ultrastructure, composition, and mechanosensory function of cadherin-mediated adhesions and the regulation of adherens junctions from single molecules to embryonic development.

Monday, 18 Aug 2014 2.30pm to 3.30pm SBS Classroom 2 (SBS-01n-22)

Host: A/Prof Koh Cheng Gee

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