

TOPICAL Seminar

Date: 11 Sept.
Time: 13.00-14.00
Venue: 1871-120



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Learning-driven Synaptic Plasticity Across Functionally Distinct Neuronal Ensembles

How are transient experiences transformed into long-lasting memories? How do experiences reshape behavior? Why do similar experiences elicit markedly different behavioral responses in healthy and disease states? My research seeks to answer these questions at the molecular and cellular levels by uncovering the mechanisms through which experience drives synaptic modifications in neural circuits to produce enduring behavioral changes. In this lecture, I will highlight our published and unpublished work on the circuit and synaptic mechanisms of contextual memory.

Host is Taro Kitazawa, DANDRITE Group Leader