



Seminar/Talk

Bringing gamma — back using noninvasive sensory stimulation to modify Alzheimer's disease

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Host: Sandra Siegert

Gamma oscillations arise from the resonating activation of local circuits comprised of excitatory and fast spiking inhibitory neurons. Impaired gamma oscillations have been observed in both mouse models and human subjects with Alzheimer's disease. Using a noninvasive visual flicker stimulation protocol, we enhanced gamma oscillations and found that it ameliorated Alzheimer's disease pathology. I will discuss the potential mechanisms and effects of gamma oscillations on cognitive behavior.

Tuesday, March 28, 2017 04:00pm - 05:00pm

Mondi Seminar Room 2, Central Building



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