

122nd WPI-IIIS Seminar

Hypothalamic circuits for predation and evasion

Animals in nature typically lack the luxury of eating readily available food at their pleasure. Before feeding, many predators perform a predatory action sequence that includes searching, pursuing, attacking, and consuming. Conversely, the prey seeks to evade the predator. Although numerous studies have provided insights into the neural mechanisms underlying feeding behaviors, the neural circuits for predation have yet to be clearly defined. In this talk, I will present our recent data showing that the inhibitory and excitatory projections from the lateral hypothalamus to the periaqueductal gray drive, respectively, predation and evasion.



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Date: **Friday, December 15, 2017**

Time: **12:00 – 12:30**

Venue: **1F Auditorium, IIIS Building**



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