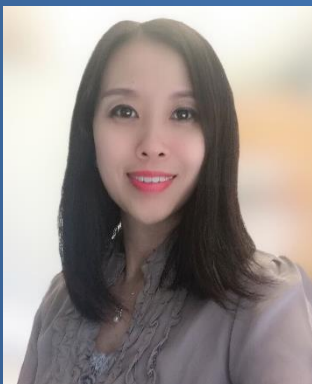


171st WPI-IIIS Seminar

Hypothalamic modulation of hippocampal neurogenesis and its implication in brain functions

We humans lose mental acuity, an unfortunate side effect of aging. And for individuals with neurodegenerative conditions such as Alzheimer's disease, the loss of cognitive function often accompanied by anxiety and depression is a harrowing experience. One way to push back against cognitive decline and anxiety would be to spur the creation of new neurons, a process known as adult neurogenesis. We recently discovered that stimulating a hypothalamic subregion can spur neurogenesis to a degree sufficient to improve memory and reduce anxiety. My talk will focus on functional implications of hypothalamic modulation of hippocampal neurogenesis in health and Alzheimer's disease.



Dr. Juan Song

Department of Pharmacology,
University of North Carolina-Chapel Hill

Date: **Tuesday, July 5, 2022**

Time: **11:00 – 12:00**

Venue: **Join us online via Teams**

Register now! (deadline July. 1)

<https://docs.google.com/forms/d/1ix2FSorQ6qDjo-pPY3qJKh9keaA9ym59oO3a3rEYa9c/>

***Teams information will be sent
to registered participants**



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