BraiNY Bunch December 5, 2021
12:00 - 1:00pm EST.

the braiNY bunch

Optogenetic stimulation of dentate gyrus engrams restores memory in Alzheimer's disease mice

Jennifer N. Perusini[a,b], **Stephanie A. Cajigas**[a], **Omid Cohensedgh**[a], **Sean C. Lim**[b,c], **Ina P. Pavlova**[b], **Zoe R. Donaldson**[a,b,d], and **Christine A. Denny**[a,b,*]

Meet the team!

Coordinator

Alice Maria Giani

I am a physicist by training who transitioned to Neuroscience during Master and PhD studies, where my research has focused on using induce pluripotent stem cells (iPSCs) and functional genomics approaches to study neurodevelopmental disorders and to identify human-specific traits o brain development. Currently, I am a Postdoc at Weill Cornell Medicine where I use human iPSCs to study Alzheimer's disease and other tauopathies.

Mentor

Justine Kupferman

During my training as a neuroscientist, I worked on understanding the role of ion channels in the hippocampus and then on the evolution of the human cortex. Currently, I work at a biotech that focuses on the gut-brain axis, where I try to develop safe treatments for diseases of the brain like migraine, depression, and Parkinson's Disease.

Student Presenter

Rebecca Xie

Rebecca is a junior at Bronx HS of Science. She has a passion for learning about neuroscience and physics and hopes to go into a field of work that ties these two sciences together.

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