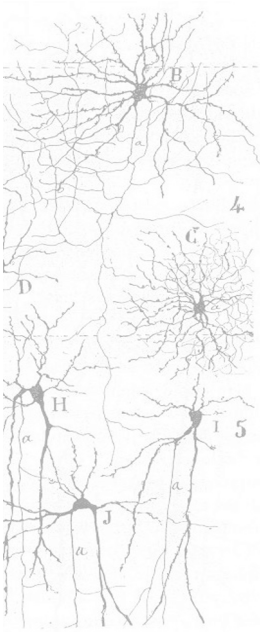


CUNY Neuroscience Collaborative Seminar Series SPRING 2024

Friday, February 23rd, 3:00 - 4:30 PM
The CUNY Graduate Center, Rm. 6495



Christoph Anacker,
Ph.D., Columbia University
Medical Center

Hippocampal Regulation of Stress Vulnerability & Resilience

The hippocampus is a crucial brain region for stress response regulation that has been implicated in a wide range of cognitive functions and emotional behaviors. However, the cell types and molecular mechanisms within the hippocampus that regulate vulnerability to stress are poorly understood. Dr. Anacker will discuss cellular and molecular mechanisms within the dentate gyrus region of the ventral hippocampus that determine individual differences in stress susceptibility and resilience with a particular focus on the long-lasting effects of early life adversity on the serotonergic regulation of neurogenesis, granule cell activity, and neuroendocrine function in rodent models.

In-person

Hosts: Dr. Nesha Burghardt (nb844@hunter.cuny.edu) and Dr. Asohan Amarasingham (aamarasingham@ccny.cuny.edu)

The CUNY Graduate Center, 365 5th Ave (5th Ave & 34th St.), New York, NY