



Broad Discovery Series x BroadIgnite:

How brain cells talk to one another

Ralda Nehme

Institute scientist, Stanley Center for Psychiatric Research

Shiwei Wang

Graduate student, Infectious Disease and Microbiome Program

Tuesday, May 13, 2025

6:00 – 7:00 PM, Reception to follow

**Merkin Auditorium | Broad Institute of MIT and Harvard
415 Main Street, Cambridge, MA 02142**

The brain is all about connection and communication, with cells sharing information back and forth in a variety of ways. Breakdowns in those channels can be major contributors to conditions ranging from schizophrenia to Alzheimer's disease. In this special Broad Discovery Series x BroadIgnite event, neurobiologist Ralda Nehme will talk about new ways of exploring brain cell cross-talk in the lab, while chemical biologist Shiwei Wang will explain how cells in the brain and beyond use sugars as a messaging system, and why that matters in neurodegenerative disorders.

**This free talk is open to members
of the general public and is appropriate
for high school students and beyond.**

Learn more and register at broad.io/discoveryseries

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