



Seminar/Talk

Understanding Neurodegeneration: From Microplastics to *C. elegans* ALS Models

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Host: Joesch Group

Understanding the mechanisms of neurodegeneration induced by environmental hazards and neurodegenerative diseases is crucial for advancing neural health. In this talk, I will discuss the physiological impacts of microplastics on neuronal function, focusing on their potential to exacerbate neurodegenerative symptoms, such as those seen in Parkinson's disease [1]. Additionally, I will present a newly developed optogenetic *C. elegans* model of TDP-43 proteinopathy, such as amyotrophic lateral sclerosis (ALS), which could serve as a valuable tool for identifying potential therapeutic targets for ALS.

Thursday, January 9, 2025 04:00pm - 05:00pm

Mondi 2, Central Building



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