BraiNY Bunch Journal Club

March 6th | 12:00 - 1:00pm ET

MeCP2 haplodeficiency and early-life stress interaction on anxiety-like behavior in adolescent female mice

María Abellán-Álvaro[1], Oliver Stork[2], Carmen Agustín-Pavón[1] and Mónica Santos[3*]

Meet the team!

Mentor: Kyla Mace

Coordinator: Miguel Torres-Perez

Student Presenter: Emily Chen

Student Presenter: Sofia Marino

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Coordinator

Miguel Torres-Perez

Miguel Torres-Perez studies interactions between innate immune cells and neurons. As a Ph.D. student at the University of Toronto, he uses human stem cells to generate 2-D and 3-D neuroglial cultures and pinpoint biochemical signals between various cell types of the brain in vitro.

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Mentor

Kyla Mace

Kyla is a 3rd year PhD candidate at the University of Pennsylvania. Using the fruit fly as a model organism, they study sleep, neurodevelopment, and the neurobiology behind human sleep disorders.

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Student Presenter

Emily Chen

"My name is Emily Chen from New York City, and I am currently a neuroscience major at the University of Rochester. My fascination with the brain has always stemmed from the psychology around it - one's consciousness and emotions. As time progressed, I became more intrigued by this organ's cruciality to not just the mind, but the body as well. This complexity behind the inner workings of the brain, mind, and physical body is something I strive to study for the rest of my life..”

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Student Presenter

Sofia Marino

"Hello, my name is Sofia Marino, and I am from Toronto, Canada. In my opinion, the most fascinating thing about the brain is how reliant the rest of the body is on it, and the interconnectivity of the mind-body. The brain not only controls our physical systems but also has huge psychosomatic relations affecting our pain response and causing our emotions to influence our physical being. I can't wait to speak to you all!"