

PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute at VTC and co-sponsored by the Center for Neurobiology Research



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From BDNF to Rett Syndrome: Synapses, Networks, and Social Behaviors in Mecp2 Mutant Mice

Increased activity of ventral hippocampal neurons that project to the medial prefrontal cortex causes deficits of social memory in autism mice. Reducing the activity of these neurons in the autism mice specifically rescued their social memory, but did not influence any other ways they interacted with other mice. In wildtype mice, this projection regulated social memory in a fashion that was specific to the ventral hippocampal to medial prefrontal projection as opposed to other hippocampal projections, and selective to social interactions as opposed to interactions with objects or spatial memory.

FRIDAY, MARCH 27, 11 a.m.

Room M106, 2 Riverside Circle

Watch live via Zoom at <https://fralinbiomed.info/PBR-Join>



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