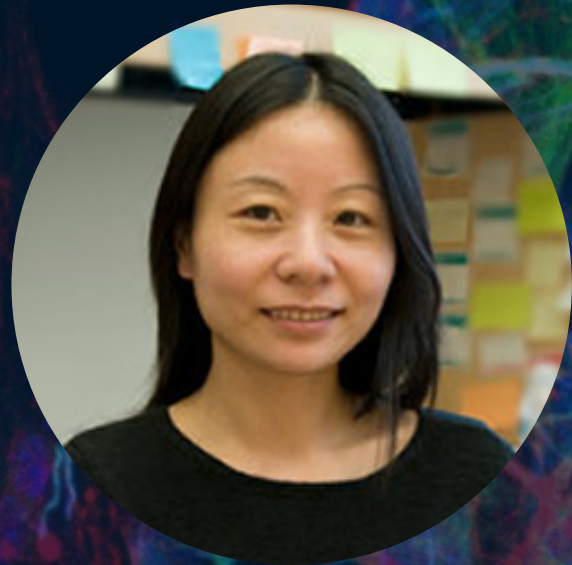


PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

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



In Person Seminar: Mitochondria in Synaptic Plasticity, Gamma Oscillations, and Anxiety

Mitochondria are vital organelles that generate most of the ATP needed to power eukaryotic cells. Mitochondria in neurons also play roles in the development and function of synapses. Studies by Dr. Li and her lab show that the subcellular distribution and fission/fusion dynamics of mitochondria are influenced by neural activity. The subsequent alterations of mitochondria, in turn, have great impact on synaptic plasticity, neural synchronization, and anxiety-like behavior.

ZHENG LI, Ph.D.

Chief
Section on Synapse Development and Plasticity
National Institute of Mental Health
National Institutes of Health

FRIDAY, DEC. 2, at 11 a.m.

Watch live and in person at G101A/B or
via Zoom at <https://virginiatech.zoom.us/j/82722436593> or at <https://fbri.vtc.vt.edu/events/live-webcast.html>.



FRALIN BIOMEDICAL
RESEARCH INSTITUTE AT VTC
VIRGINIA TECH.