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

PABLO CASTILLO, M.D., Ph.D.

Professor
Neuroscience, Psychiatry and Behavioral Sciences
Harold and Muriel Block Chair Professor in Neuroscience
Albert Einstein College of Medicine

In Person Seminar: Presynaptic Plasticity: Novel Functions and Mechanisms

Long-term synaptic plasticity (LTP/LTD) is critical for experience-induced neural adaptations in the brain. Synaptic plasticity is typically due to postsynaptic receptor modifications or changes in neurotransmitter release. Increasing evidence indicates that presynaptic plasticity is a potent regulator of neuronal circuits, underlies important forms of learning, and is implicated in several brain disorders. In this lecture, Castillo will discuss recent discoveries on molecular and cellular mechanisms underlying presynaptic plasticity in the rodent hippocampus.

FRIDAY, MARCH 8, at 11 a.m.

Room G101 A/B, 4 Riverside Circle
Watch live via Zoom at https://FralinBioMed.info/PBR-Join

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