

# PIONEERS IN BIOMEDICAL RESEARCH SEMINAR

Presented by the Fralin Biomedical Research Institute and sponsored by the institute's Center for Neurobiology Research



ALISON BARTH, Ph.D.

Professor

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## *Transformation of Information from the External World by Cortical Circuits During Learning*

Neocortical somatostatin neurons play an important role in sculpting cortical output and plasticity. Dr. Barth and her team have identified marked synaptic plasticity on a subset of somatostatin neurons that is initiated by sensory learning but not pseudo-training, when stimuli and rewards are unpaired. This plasticity, and the sensitivity of SST to neuromodulators during learning, reveals important principles about cortical processing.

FRIDAY, MAY 9, 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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