OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

INSTITUT FÜR BIOLOGIE

Journal Club

Genetic Approaches to Neural Functions

Mariana Nunes

will introduce her research on

Sex and Aging Effects on Trace Fear Conditioning and Temporoammonic Short-Term Plasticity

Linking two events separated in time, known as temporal association memory, depends on the temporoammonic pathway, a direct input from the entorhinal cortex to hippocampal area CA1. I will present preliminary data from my PhD project investigating how this pathway and this form of memory differ between males and females and change with aging, combining trace fear conditioning in mice with brain slice recordings of how the pathway responds to stimulation at different frequencies.

19.11.2026

12:00 p.m.

IBIO | Haus 91
Room 203

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