

10.02.2026 10:00 - 10.02.2026 11:00

How leptin shapes the somatosensory thalamic

European Neuroscience Institute Göttingen (ENI-G)

Paula Patricia Perissinotti research centers on the cellular and molecular basis of neuronal function. She examines how ion channels and ionic conductances shape neuronal excitability and synaptic transmission, with a particular focus on thalamic and hypothalamic circuits. She has made important contributions to understanding how leptin modulates neuronal activity, including its effects on calcium channels and TRPC channel complexes that regulate firing patterns and synaptic integration. Through these studies, her research sheds light on how metabolic signals interact with neural circuits to influence brain function and behavior. Dr. Perrisinotti is currently a visiting scientist at CIDBN in Göttingen in the Biophysics of Neural Computation group.

Einladende Person

Vortragende Person

Dr. Paula Perissinotti

Schlagwörter

Neurowissenschaften | Neuroscience

Neurobiologie

Neurobiologie

Veranstaltungsart

Seminar

Kategorie

Forschung

Sprache

Englisch

Kontakt
