

EXTRA SEMINAR BRAIN & COGNITION @Campus Biotech

Pre Laura Sagliano

(Associate Professor, Department of Psychology, University of Campania Luigi Vanvitelli)

“Neurocognitive Mechanisms of the Emotion-Cognition Interaction”

Tuesday
March 31, 2026
12:15 to 13:15

Campus Biotech
Room H4-02-A
& Zoom :

<https://unige.zoom.us/j/62694444617?pwd=QWJUZHpUQkp2NUMvb0NKRkd2REZ1dz09>

Meeting ID: 626 9444 4617
Passcode: 617330

Abstract: My research investigates the neurocognitive mechanisms underlying the interaction between emotion and cognition, with a specific focus on attentional biases toward threat (ABTs) and human defensive responses (e.g., 'freeze-like' reactions). Utilizing a multi-methodological approach that integrates behavioral paradigms, eye-tracking, and non-invasive brain stimulation (TMS/tDCS), I have explored the causal role of the DLPFC and premotor cortex in modulating threat-related attention and motor preparation. My work also extends to clinical and applied settings, exploring attentional avoidance as a functional strategy in earthquake victims, action tendencies in health anxiety, and the role of the insula in interoceptive accuracy and cardiovascular stress responses. More recently, I focused on cognitive and affective symptoms in individuals with Mild Cognitive Impairment (MCI) and early-stage dementia by means of behavioural and neurofunctional techniques (e.g., functional near infrared spectroscopy; fNIRS).

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