



Dipartimento di Scienze e Tecnologie

Dottorato di Ricerca in Scienze e Tecnologie per l'Ambiente e la Salute

Seminari ed incontri del DST

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by the University of Coimbra (Portugal) and

LM Biology (Universtà degli Studi del Sannio).



Brain-derived neurotrophic factor: a protein with multiple functions

MARTEDÌ 17 APRILE 2018 ORE 15:00

Dipartimento di Scienze e Tecnologie

Via Port'Arsa, 11, Benevento

The activity of neuronal circuits under physiological conditions is tightly regulated, by mechanisms acting at pre- and post-synaptic levels. Changes in neuronal connectivity, either strengthening or weakening the interaction between neurons, are associated with many disorders of the nervous system.

The lecture will focus on the mechanisms of regulation of synaptic proteins by neurotrophins and growth factors, which account for their role in axonal development, synapse formation, long-term synaptic plasticity and in learning and memory formation.

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