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DIPARTIMENTO DI PSICOLOGIA GENERALE – DPG

TALK ANNOUNCEMENT

What is remembered and why: Can Parkinson's disease research provide any insights?

Prof. Nicky Edelstyn, PhD

Professor of Cognitive Neuropsychology and Rehabilitation
Research Lead of the School of Psychology
Keele University - Staffordshire - UK

AULA MAGNA CESARE MUSATTI

July 3rd, h. 11.30

Local proponent: Prof. Daniela Mapelli

Outline of the talk

Rodent research implicates the dopamine D3 subreceptor in the entry of new adaptive memories into LTM. One of the suggested mechanisms underlying this activity is the dopaminergic D3 modulation of hippocampal-dependent “working memory” processes that “hold” the coding pattern before it is consolidated at the synapse. In this talk, data is presented from 2 drug trials conducted in Parkinson's disease where we examined this predicted relationship between the D3 dopamine subreceptor, episodic memory and working memory.

Prof. Nicky Edelstyn is full Professor of Cognitive Neuropsychology and Rehabilitation and Head of the Centre for Psychological Research at Keele University (Staffordshire, UK). Prof. Edelstyn is an established neuropsychologist with particular expertise in memory and memory-related processes in both healthy individuals and in Parkinson's disease. Her expertise in neuropsychology more broadly is internationally recognized and she has been honorary secretary of the British Neuropsychological Society.