



TITLE: The Effect of COVID19

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ABSTRACT

The concept of non-imputability can be redefined in light of the contributions of forensic cognitive neuroscience. The definition of understanding must be analyzed in two components: comprehend and understand. Both concepts are part of the construct of free will, still in discussion in several academic areas. On the other hand, the capacity to direct or control the conduct should also be analyzed from this neurocognitive perspective. Inhibitory systems are an essential function in conduct direction and regulation. Anatomical and functional alterations demonstrated in antisocial personality disorders make us doubt if this kind of personalities keeps the integral capacity to fulfill imputability criteria.

The first component, the one of comprehending, can not be defined as an intellectual conception only, but as the result of the analysis of a moral judgment constructions system. Forensic neuroscience has been deeply studying these processes and can extend the dichotomous concepts we work nowadays. On the other hand, the ability to regulate the conduct is established by the correct functioning of inhibitory systems, that can be affected by early trauma situations, very common in personality disorders.

The objective of the presentation is to make a brief bibliographic review of the contributions of forensic cognitive neuroscience regarding inhibitory systems, functions linked to social cognition, and how these functions integrate and determine the capacity of understanding and direct conduct, which is essential when evaluating a person imputability for having committed a crime.

BIOGRAPHY

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Clinical Neuropsychology Specialist. Legal and Forensic Psychology Specialist. Master in Neurosciences and Behavioral Biology. Doctor in Applied Cognitive Neuroscience. President of the International Bureau of Applied Neuroscience BINCA. Academic Director of the Council of Cognitive Neurosciences CIFAL-UNITAR United Nations. Principal Officer of the Police of the Province of Buenos Aires.

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