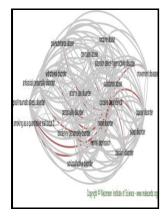
Investigation into the relationship between polydrug misuse, Seratonin and Tryptophan metabolics, and sensationseeking

[University of Surrey] - The effect of acute tryptophan depletion on mood and impulsivity in polydrug ecstasy users



Description: -

-investigation into the relationship between polydrug misuse, Seratonin and Tryptophan metabolics, and sensationseeking -investigation into the relationship between polydrug misuse, Seratonin and Tryptophan metabolics, and sensationseeking Notes: Thesis (M.Sc.) (Behavioural biology and health care)-Roehampton Institute of Higher Education, University of Surrey, 1990.

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Beyond sensation seeking: a conceptual framework for individual differences in psychostimulant drug effects in healthy humans

In animal studies, MDMA damages serotonergic fibres and reduces the number of serotonin transporter sites within the CNS. A pair of recent studies suggests that some meth- amphetamine-induced cognitive losses may be partially recouped with extended abstinence; Cocaine preferentially enhances sensory processing in the upper layers of the primary sensory cortex.

Beyond sensation seeking: a conceptual framework for individual differences in psychostimulant drug effects in healthy humans

In this view, the individual taking a drug perceives his or her present surroundings as highly significant salient and makes exceptionally strong mental connections between features of those surroundings and the intense pleasure of the drug.

Dopamine, serotonin and impulsivity

Results from the Epidemiologic Catchment Area ECA Study. In addition, fetal alcohol exposure increases susceptibility to later substance abuse problems.

Altered response to tryptophan supplementation after long

Further, we conducted analysis of all DFBETAS for each case and regression coefficient. Synaptic plasticity and drug addiction.

Ecstasy Exposure & Gender: Examining Components of Verbal Memory Functioning

Rationale and objective Although loudness dependence of auditory evoked potentials LDAEPs had been suggested as a noninvasive measure of

central serotonin functions, recent studies suggest that LDAEP may be modulated by multiple neuromodulatory systems, such as dopamine. Another limitation to this study was that participants were not required to submit to a drug toxicology test to assess for current intoxication and to corroborate self-reported recency of drug use. Cocaine produced similar effects in a study of rats that were treated with the drug and then exposed to a sensory stimulus; the animals exhibited enhanced neural activation when later re-exposed to the stimulus.

Altered states: the clinical effects of Ecstasy

Limitation The group sizes were small, when males and females were considered separately. Learning impairment in the radial-arm maze following prolonged cannabis treatment in rats.

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