

SFB 35 Impromptu Seminar

Venue: Medical University Vienna, Center for Physiology and Pharmacology,
Institute of Pharmacology, Waehringerstrasse 13a, 1090 Vienna,
"Leseraum".

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Wednesday 02.03.2016 12:00 s.t.

Matthias Liechti (host: H. Sitte)

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"Experimental Studies employing MDMA (= ecstasy) and LSD"

Matthias Liechti (Matthias.Liechti@usb.ch)

Abstract.

MDMA and LSD are widely used recreational drugs but have recently also been used as adjuncts to psychotherapy. However, only limited clinical pharmacological data is available on the acute effects of these psychoactive substances. Findings from placebo-controlled experimental studies using MDMA and LSD in healthy subjects will be presented including pharmacokinetics, acute subjective effects, effects on emotion processing, and on the mechanism of action in humans. In particular, the role of serotonin in the mechanism of action of these drugs in humans will be discussed.