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**Fentanyl and naloxone effects on glutamate and GABA release rates from anterior hypothalamus in freely moving rats**

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**ABSTRACT**

Fentanyl, a  $\mu$ -opioid receptor agonist, has been studied for its neuro/psychopharmacological effects since its first clinical use; however, its effect on the release rate of the Central Nervous System (CNS) neurotransmitters has not been yet elucidated. In the present study the influence of fentanyl on the release rates of glutamate and GABA is investigated. Specifically, we examined the effects of

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