#### Accepted Manuscript

Title: Sub-anesthetic Doses of Ketamine Attenuate Nicotine Self-administration in Rats

Authors: Amir H. Rezvani, Yousef Tizabi, Susan Slade, Bruk Getachew, Edward D. Levin

 PII:
 S0304-3940(18)30022-3

 DOI:
 https://doi.org/10.1016/j.neulet.2018.01.022

 Reference:
 NSL 33356

To appear in: Neuroscience Letters

 Received date:
 31-7-2017

 Revised date:
 10-1-2018

 Accepted date:
 11-1-2018

article Please cite this Amir H.Rezvani, Yousef Tizabi, Susan as: Slade, Bruk Getachew, Edward D.Levin, Sub-anesthetic Doses of Ketamine Attenuate Nicotine Self-administration Neuroscience in Rats. Letters https://doi.org/10.1016/j.neulet.2018.01.022

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## ACCEPTED MANUSCRIPT

### Sub-anesthetic Doses of Ketamine Attenuate Nicotine Self-administration in Rats

Amir H. Rezvani<sup>a\*</sup>, Yousef Tizabi<sup>b</sup>, Susan Slade<sup>a</sup>, Bruk Getachew<sup>b</sup>, and Edward D. Levin<sup>a</sup>

<sup>a</sup>Department of Psychiatry and Behavioral Sciences, Duke University Medical Center, Durham, NC, 27710, USA ; Azadi@duke.edu; sslade@duke.edu; edlevin@duke.edu

<sup>b</sup>Department of Pharmacology, Howard University, Washington DC, 20059, USA; ytizabi@howard.edu; bruk.getachew@howard.edu

\*Corresponding Author:

Amir H. Rezvani, Ph.D.

Department of Psychiatry and Behavioral Sciences

Box 104790,

Duke University Medical Center

Durham, NC, 27710, USA

E.mail: Azadi@duke.edu

Tel.:1-919-668-1880

Fax:1-919-681-3416

#### Highlights

- At low doses, ketamine attenuated nicotine self-administration in rats.
- The effects of ketamine were more pronounced in male rats.
- NMDA receptor antagonists may offer novel targets for nicotine addiction.

#### Abstract

Download English Version:

# https://daneshyari.com/en/article/8841760

Download Persian Version:

https://daneshyari.com/article/8841760

Daneshyari.com