

Accepted Manuscript

Title: Acute nicotine treatment attenuates lipopolysaccharide-induced cognitive dysfunction by increasing BDNF expression and inhibiting neuroinflammation in the rat hippocampus

Author: Penghui Wei Qingshen Liu Dong Li Qiang Zheng
Jinfeng Zhou Jianjun Li



PII: S0304-3940(15)30078-1
DOI: <http://dx.doi.org/doi:10.1016/j.neulet.2015.08.008>
Reference: NSL 31481

To appear in: *Neuroscience Letters*

Received date: 30-3-2015
Revised date: 1-7-2015
Accepted date: 4-8-2015

Please cite this article as: Penghui Wei, Qingshen Liu, Dong Li, Qiang Zheng, Jinfeng Zhou, Jianjun Li, Acute nicotine treatment attenuates lipopolysaccharide-induced cognitive dysfunction by increasing BDNF expression and inhibiting neuroinflammation in the rat hippocampus, *Neuroscience Letters* <http://dx.doi.org/10.1016/j.neulet.2015.08.008>

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.

**Acute Nicotine Treatment Attenuates Lipopolysaccharide-Induced
Cognitive Dysfunction by Increasing BDNF Expression and
Inhibiting Neuroinflammation in the Rat Hippocampus**

**Penghui Wei¹, Qingshen Liu², Dong Li³, Qiang Zheng¹, Jinfeng
Zhou¹, Jianjun Li^{1*}**

1 Department of Anesthesiology, Qilu Hospital, Shandong University,
Jinan, P.R. China; 2 First Department of Surgery, Hospital affiliated with
Shandong University of Traditional Chinese Medicine, Jinan, P.R. China;
3 Department of Cryomedicine, Qilu Hospital, Shandong University,
Jinan, P.R. China.

***Corresponding author:** Jianjun Li

Correspondence to: Jianjun Li, Department of Anesthesiology, Qilu
Hospital, Shandong University, 107 Wenhua West Road, Jinan,
Shandong 250012, P. R. China.

Download English Version:

<https://daneshyari.com/en/article/6280449>

Download Persian Version:

<https://daneshyari.com/article/6280449>

[Daneshyari.com](https://daneshyari.com)