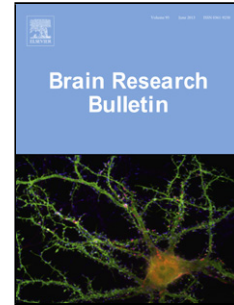


Accepted Manuscript

Title: Tat-Src reduced NR2B tyrosine phosphorylation and its interaction with NR2B in levodopa-induced dyskinetic rats model

Authors: Maowen Ba, Guoping Yu, Hongqi Yang, Ying Wang, Ling Yu, Min Kong



PII: S0166-4328(18)30469-8
DOI: <https://doi.org/10.1016/j.bbr.2018.08.013>
Reference: BBR 11537

To appear in: *Behavioural Brain Research*

Received date: 28-3-2018
Revised date: 16-8-2018
Accepted date: 16-8-2018

Please cite this article as: Ba M, Yu G, Yang H, Wang Y, Yu L, Kong M, Tat-Src reduced NR2B tyrosine phosphorylation and its interaction with NR2B in levodopa-induced dyskinetic rats model, *Behavioural Brain Research* (2018), <https://doi.org/10.1016/j.bbr.2018.08.013>

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.

**Tat-Src reduced NR2B tyrosine phosphorylation and its interaction with NR2B in
levodopa-induced dyskinetic rats model**

Maowen Ba^{1†}, Guoping Yu^{1†}, Hongqi Yang², Ying Wang³, Ling Yu³, Min Kong^{3,*}

¹ Department of Neurology, the Affiliated Yantai Yuhuangding Hospital of Qingdao University, Shandong 264000, PR China

² Department of Neurology, Henan Provincial People's Hospital of Zhengzhou University, Zhengzhou, PR China

³ Department of Neurology, Yantaishan Hospital, Yantai City, Shandong 264000, PR China

[†]Maowen Ba and Guoping Yu contributed equally to this work.

*Corresponding author, Min Kong, E-mail address: kk_kmm@sina.com

Tel +86 15266547949

The number of text pages: 14

The number of figures: 4

Highlights

- Tat-Src improved dyskinetic behaviors and decreased NR2B tyrosine phosphorylation
- Tat-Src decreased the interactions of Src with NR2B
- Tat-Src attenuated the Src S-nitrosylation (SNO-Src) and autophosphorylation (p-Src)

Abstract

Augmented function of N-methyl-D-aspartate receptor subunit 2B (NR2B) and Src protein tyrosine kinase have been demonstrated to get involved in the pathological mechanisms of dyskinesia. In view of functional interactions between NR2B and Src, we investigated the

Download English Version:

<https://daneshyari.com/en/article/8952980>

Download Persian Version:

<https://daneshyari.com/article/8952980>

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