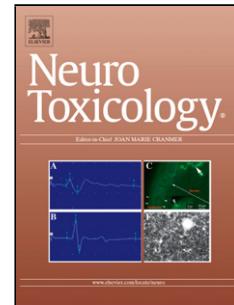


Accepted Manuscript

Title: AMPA-induced extracellular Zn^{2+} influx into nigral dopaminergic neurons causes movement disorder in rats

Authors: Haruna Tamano, Hiroki Morioka, Ryusuke Nishio, Azusa Takeuchi, Atsushi Takeda



PII: S0161-813X(18)30269-9
DOI: <https://doi.org/10.1016/j.neuro.2018.08.008>
Reference: NEUTOX 2387

To appear in: *NEUTOX*

Received date: 11-7-2018
Revised date: 20-8-2018
Accepted date: 20-8-2018

Please cite this article as: Tamano H, Morioka H, Nishio R, Takeuchi A, Takeda A, AMPA-induced extracellular Zn^{2+} influx into nigral dopaminergic neurons causes movement disorder in rats, *Neurotoxicology* (2018), <https://doi.org/10.1016/j.neuro.2018.08.008>

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Short communications**AMPA-induced extracellular Zn²⁺ influx into nigral dopaminergic neurons causes movement disorder in rats**

Haruna Tamano, Hiroki Morioka, Ryusuke Nishio, Azusa Takeuchi,
Atsushi Takeda*

Department of Neurophysiology, School of Pharmaceutical Sciences, University
of Shizuoka, 52-1 Yada, Suruga-ku, Shizuoka 422-8526, Japan

*To whom correspondence should be addressed.

TEL: 81-54-264-5733

FAX: 81-54-264-5909

E-mail: takedaa@u-shizuoka-ken.ac.jp

Abstract

On the basis of the findings that the rapid influx of extracellular Zn²⁺ into nigral dopaminergic neurons causes dopaminergic neurodegeneration, here we report that AMPA causes movement disorder in rats. AMPA markedly increased turning behavior in response to apomorphine 1 and 2 weeks after AMPA injection into the substantia nigra pars compacta (SNpc), while AMPA-induced movement disorder

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