

Accepted Manuscript

The role of system X_c^- in methamphetamine-induced dopaminergic neurotoxicity in mice

Duy-Khanh Dang, Eun-Joo Shin, Hai-Quyen Tran, Dae-Joong Kim, Ji Hoon Jeong, Choon-Gon Jang, Seung-Yeol Nah, Hideyo Sato, Toshitaka Nabeshima, Yukio Yoneda, Hyoung-Chun Kim

PII: S0197-0186(16)30477-6

DOI: [10.1016/j.neuint.2017.04.013](https://doi.org/10.1016/j.neuint.2017.04.013)

Reference: NCI 4056

To appear in: *Neurochemistry International*

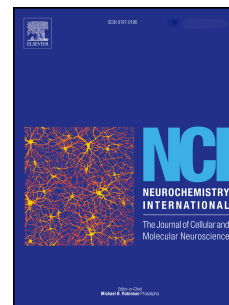
Received Date: 26 November 2016

Revised Date: 25 April 2017

Accepted Date: 26 April 2017

Please cite this article as: Dang, D.-K., Shin, E.-J., Tran, H.-Q., Kim, D.-J., Jeong, J.H., Jang, C.-G., Nah, S.-Y., Sato, H., Nabeshima, T., Yoneda, Y., Kim, H.-C., The role of system X_c^- in methamphetamine-induced dopaminergic neurotoxicity in mice, *Neurochemistry International* (2017), doi: 10.1016/j.neuint.2017.04.013.

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.



The role of system Xc⁻ in methamphetamine-induced dopaminergic neurotoxicity in mice

Duy-Khanh Dang ^{a,1}, Eun-Joo Shin ^{a,1}, Hai-Quyen Tran ^a, Dae-Joong Kim ^b, Ji Hoon Jeong ^c, Choon-Gon Jang ^d, Seung-Yeol Nah ^e, Hideyo Sato ^f, Toshitaka Nabeshima ^g, Yukio Yoneda ^h, Hyoung-Chun Kim ^{a,*}

^a Neuropsychopharmacology and Toxicology Program, College of Pharmacy, Kangwon National University, Chunchon 24341, Republic of Korea

^b Department of Anatomy and Cell Biology, Medical School, Kangwon National University, Chunchon 24341, Republic of Korea

^c Department of Pharmacology, College of Medicine, Chung-Ang University, Seoul 06974, Republic of Korea

^d Department of Pharmacology, School of Pharmacy, Sungkyunkwan University, Suwon 16419, Republic of Korea

^e Ginsentology Research Laboratory and Department of Physiology, College of Veterinary Medicine and Bio/Molecular Informatics Center, Konkuk University, Seoul 05029, Republic of Korea

^f Laboratory of Biochemistry and Molecular Biology, Department of Medical Technology, Niigata University, Niigata, Niigata Prefecture, 950-2181, Japan

^g Advanced Diagnostic System Res. Lab. Fujita Health Univ., Grad. Sch. Health Sci. & Aino Univ. Toyoake, Aichi 470-1192, Japan

^h Section of Prophylactic Pharmacology, Kanazawa University Venture Business Laboratory, Kanazawa, Ishikawa, 920-1192, Japan

Download English Version:

<https://daneshyari.com/en/article/5534720>

Download Persian Version:

<https://daneshyari.com/article/5534720>

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