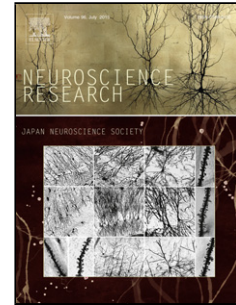


Accepted Manuscript

Title: Maladaptive change of body representation in the brain after damage to central or peripheral nervous system

Author: Yutaka Oouchida Tamami Sudo Tetsunari Inamura
Naofumi Tanaka Yukari Ohki Shin-ichi Izumi



PII: S0168-0102(15)00306-5
DOI: <http://dx.doi.org/doi:10.1016/j.neures.2015.12.015>
Reference: NSR 3916

To appear in: *Neuroscience Research*

Received date: 7-9-2015
Revised date: 24-12-2015
Accepted date: 24-12-2015

Please cite this article as: Oouchida, Y., Sudo, T., Inamura, T., Tanaka, N., Ohki, Y., Izumi, S.-i., Maladaptive change of body representation in the brain after damage to central or peripheral nervous system., *Neuroscience Research* (2015), <http://dx.doi.org/10.1016/j.neures.2015.12.015>

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.

Highlights

- In rehabilitation of hemiparesis, motor recovery depends largely on use-dependent plasticity.
- Maladaptation of body representation causes the disuse of the paretic limb.
- Sensory map of the primary sensory cortex and sensory-related areas alter corresponding to the change of the body

Download English Version:

<https://daneshyari.com/en/article/6286070>

Download Persian Version:

<https://daneshyari.com/article/6286070>

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