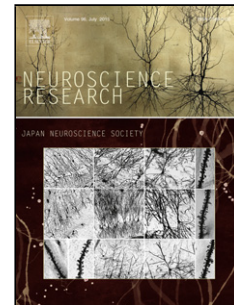


Accepted Manuscript

Title: The roles of cortical astrocytes in chronic pain and other brain pathologies

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PII: S0168-0102(17)30488-1
DOI: <http://dx.doi.org/10.1016/j.neures.2017.08.009>
Reference: NSR 4087

To appear in: *Neuroscience Research*

Received date: 2-6-2017
Revised date: 1-8-2017
Accepted date: 18-8-2017

Please cite this article as: Eto, Kei, Kim, Sun Kwang, Takeda, Ikuko, Nabekura, Junichi, The roles of cortical astrocytes in chronic pain and other brain pathologies. *Neuroscience Research* <http://dx.doi.org/10.1016/j.neures.2017.08.009>

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The roles of cortical astrocytes in chronic pain and other brain pathologies

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Highlights

- Astrocytes contribute to establishment of neuronal circuit during development.
- Astrocytes are involved in various neurological disorders.
- Cortical astrocytes have critical roles in generation and maintenance of chronic pain.

Abstract

Astrocytes are the most abundant cell type in the brain. Several decades ago, they were considered to be only support cells in the central nervous system. Recent studies using advanced technologies have clarified that astrocytes play more active roles in regulating neuronal function and remodeling synaptic structures by releasing molecules called

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