Accepted Manuscript

Age-dependent and region-specific alteration of parvalbumin neurons and perineuronal nets in the mouse cerebral cortex

Hiroshi Ueno, Keizo Takao, Shunsuke Suemitsu, Shinji Murakami, Naoya Kitamura, Kenta Wani, Motoi Okamoto, Shozo Aoki, Takeshi Ishihara

NEUROCHEMISTRY INTERNATIONAL To Incument Columns Malecular Neurocolence

PII: S0197-0186(17)30349-2

DOI: 10.1016/j.neuint.2017.11.001

Reference: NCI 4160

To appear in: Neurochemistry International

Received Date: 14 June 2017

Revised Date: 28 October 2017 Accepted Date: 1 November 2017

Please cite this article as: Ueno, H., Takao, K., Suemitsu, S., Murakami, S., Kitamura, N., Wani, K., Okamoto, M., Aoki, S., Ishihara, T., Age-dependent and region-specific alteration of parvalbumin neurons and perineuronal nets in the mouse cerebral cortex, *Neurochemistry International* (2017), doi: 10.1016/j.neuint.2017.11.001.

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.

ACCEPTED MANUSCRIPT

Hiroshi Ueno et al.

Research Article

Age-Dependent and Region-Specific Alteration of Parvalbumin

Neurons and Perineuronal Nets in the Mouse Cerebral Cortex¹

Hiroshi Ueno^{a, b, *}, Keizo Takao^c, Shunsuke Suemitsu^d, Shinji Murakami^d,

Naoya Kitamura^d, Kenta Wani^d, Motoi Okamoto^b, Shozo Aoki^d, Takeshi

Ishihara^d

^a Department of Medical Technology, Kawasaki University of Medical Welfare,

¹ Abbreviations: FrA, frontal association cortex; DLO, dorsolateral orbital cortex; LO, lateral orbital cortex;

VO, ventral orbital cortex; Cg, cingulate cortex; PL, prelimbic cortex; IL, infralimbic cortex; DP, dorsal

peduncular cortex; M1, primary motor cortex; M2, secondary motor cortex; MPtA, medial parietal

association cortex; LPtA, lateral parietal association cortex; PTPR, parietal cortex, post, rostral; S1Tr,

primary somatosensory cortex-trunk region; S1BF, primary somatosensory cortex-barrel field; S2,

secondary somatosensory cortex; V2MM, secondary visual cortex-mediomedial area; V2ML, secondary

visual cortex, mediolateral area, V1M, primary visual cortex, monocular area; V1B, primary visual cortex,

binocular area; V2L, secondary visual cortex, lateral area; Au1, primary auditory cortex; AuD, secondary

auditory cortex, dorsal area; AuV, secondary auditory cortex, ventral area; TeA, temporal association

cortex; Ect, ectorhinal cortex; PRh, perirhinal cortex; DIEnt, dorsintermed entorhinal cortex; DLEnt,

dorsolateral entorhinal cortex; RSD, retrosplenial dysgranular cortex; RSGc, retrosplenial granular cortex, c

region; RSGb, retrosplenial granular cortex, b region; RSGa, retrosplenial granular cortex, a region; AD,

Alzheimer's Disease.

Download English Version:

https://daneshyari.com/en/article/8478997

Download Persian Version:

https://daneshyari.com/article/8478997

<u>Daneshyari.com</u>