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Authors: Masahiko Tanaka, Tomomi Senda, Naohide Hirashima



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Research article

Expression of the GluA2 subunit of glutamate receptors is required for the normal dendritic differentiation of cerebellar Purkinje cells

Masahiko Tanaka*, Tomomi Senda, Naohide Hirashima

Department of Cellular Biophysics, Graduate School of Pharmaceutical Sciences,
Nagoya City University, Nagoya 467-8603, Japan

*Corresponding author. *E-mail address*: mtanaka@phar.nagoya-cu.ac.jp

Highlights

- Dendritic differentiation was inhibited by GluA2 knockdown in Purkinje cells.
- $[Ca^{2+}]_i$ elevation was augmented by GluA2 knockdown in Purkinje cells.
- GluA2 inhibits the negative effect of excessive $[Ca^{2+}]_i$ elevation in Purkinje cells.

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