Simultaneous impairment of neuronal and metabolic function of mutated gephyrin in a patient with epileptic encephalopathy

Dejanovic, Borislav

2015-12


http://hdl.handle.net/10138/161927
https://doi.org/10.15252/emmm.201505323

Downloaded from Helda, University of Helsinki institutional repository.
This is an electronic reprint of the original article.
This reprint may differ from the original in pagination and typographic detail.
Please cite the original version.
Simultaneous impairment of neuronal and metabolic function of mutated gephyrin in a patient with epileptic encephalopathy

Borislav Dejanovic, Tania Djémié, Nora Grünewald, Arvid Suls, Vanessa Kress, Florian Hetsch, Dana Craiu, Matthew Zemel, Padhraig Gormley, Dennis Lal, EuroEPINOMICS Dravet working group, Candace T Myers, Heather C Mefford, Aarno Palotie, Ingo Helbig, Jochen C Meier, Peter De Jonghe, Sarah Weckhuysen & Guenter Schwarz


During the process of preparing and submitting a new manuscript, which reports on novel findings regarding the mode of interaction between gephyrin and the glycine receptor, we became aware of a formal mistake. In our publication Dejanovic et al (2015) EMBO Mol Med, we compared in Fig 6E glycine receptor loop binding between wild-type and G375D gephyrin. Unfortunately, while preparing the figure, we accidentally pulled the incorrect wild-type raw data set for the binding curve and the derived binding parameters of the wild-type gephyrin protein. The data in this figure were used before in our previous publication Specht et al (2011) EMBO J (https://doi.org/10.1038/emboj.2011.276).

Despite this, the result and differences in binding affinities between mutant G375D and wild-type gephyrin still hold fully true.

We have provided a revised Fig 6E showing a new set of wild-type gephyrin binding data.

The authors apologise for this oversight and any inconvenience it has caused.

Figure 6E.