

# Review of: "Dopamine D5 receptor involvement in LTP and LTD: adjustment to the dysconnectivity theory of schizophrenia"

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**Potential competing interests:** The author(s) declared that no potential competing interests exist.

Dear the researchers of the study,

The study contributed to the hypothesis of the synaptic plasticity in schizophrenia which is mainly based on Glutamate and NMDA receptors and needed more explanation. It will be a important source for further studies in the field.

Additionally, it will be a guide for the development of new pharmacological targets.

Reviews;

1. There should be blanks before the abbreviations.
2. The abbreviations should be mentioned when they were written fort he first time. Please be aware of the first paragraph in the introduction, such as D5R, D1R.
3. FMRI should be written openly for the first mention.
4. There is some spelling errors, such as neurodevelpemental disorder
5. The writers mentioned the main theme of the study based on synaptic plasticity as it can be seen in the abstract. It may be written more in the context by relating neurodevelopmental hypothesis.
6. What is the CA1 CA2 CA3?
7. As I know, LTP and synaptic plasticity are mainly related to NMDA receptors and glutamate. But there is no meniton in the text.
8. The figures, pictures might be added to the text for clear explanation.