

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

Mustafa Amin¹

¹ Universitas Sumatera Utara

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

This is a good article and nicely written in understanding the role of dopamine receptors for the treatment of schizophrenia, however the authors need to describe more about:

1. How serotonin and dopamine receptors interact specifically, not just by saying the dopamine and serotonin have both synergistic and opposite effect. Exploring this issue will open the possibility in developing a new antipsychotic drugs that may have more efficacy and tolerability for the patients.
2. It is interesting when the authors describe about GABA and its interaction with dopamine so that it can give us consideration in using benzodiazepine for the patients. The authors should write and determine whether age and psychosocial stressors could affect the GABA itself.

Thank you for your kind attention and the opportunity to give a review about the article.