Reviewer's report

Title: Mu opioid receptor availability in people with psychiatric disorders who died by suicide: A case control study.

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Reviewer: Maurizio Pompili

Reviewer's report:

The authors reported results of their investigation dealing with Mu opioid receptor and its availability in people with psychiatric disorders who died by suicide. The paper is of interest for the journal. I have only minor shortcomings to mention. First, although there is mentioning about timing, authors should report when tissue where collected, that is when autopsy was on average performed; reporting hours would be ideal. Second, I wonder if inter-rater reliability could be calculated when assessing diagnosis.

I would add a conclusions section.

Although, the paper investigated various diagnosis, the authors mainly discussed schizophrenia as related to their results. I would stress some remarks on other disorders investigated.

Moreover, given our struggle to prevent suicide I would cite the following paper which may direct the readers to some resources when dealing with prevention in schizophrenia: Pompili M, et al, Toward a new prevention of suicide in schizophrenia. World Journal of Biological Psychiatry 2004;5:201-210.

It is overall a well-written paper that adds new findings to the literature

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests