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Dr. Lian-Sheng Ma  
President and Company Editor-in-Chief  
World Journal of Psychiatry

Dear Dr. MA:

We are grateful to you for giving us the opportunity to resubmit our MS (PTSD risk and BDNF Val66Met. ID:02774198, MS List:2245) and appreciate the reviewers' comments, advice and recommendation for publication of our review to your journal. We have revised our manuscript according to the reviewers' advice. Here are the changes corresponding to each reviewer's questions. We hope these changes will meet your high standards for publication.

### Reviewer 1

**Q:** Page 3: the citation 35 is wrong ( it deals with BDNF val66met and bipolar disorder and not PTSD: ?A common simple nucleotide polymorphism(SNP) in the BDNF gene leading a valine to methionine substitution at position 66 (Val66Met) influences human hippocampal volume[33], memory[34] and susceptibility to PTSD [34, 35].”

**A:** On Page 3, the citation has been corrected.

**Q:** On page 5: please state which BDNF levels (i.e. in serum, plasma, platelets, CSF???) “It is also found that at protein levels, subjects with PTSD had significantly higher levels of BDNF than the non- PTSD controls.” Page 5: Please provide the citation for this statement:”

**A:** It is serum BDNF levels. The information and citation have been added in.

**Q:** In addition, the BDNF levels in Met carriers are higher than in Val/Val homozygotes.” Namely, there are different and conflicting data in the literature about this relationship, so the authors should mentioned also these opposite data!!

**A:** On page 6, we have mentioned that ‘These contradictory results may be due to the different methods used in the various studies. The samples may have been collected from dissimilar population.’

### Reviewer 2.

**Q:** Several grammatical errors should be corrected and abbreviations should be explained on the first time of use in the paper e.g. PLCr.

**A:** Grammatical errors have been corrected. The full term for PLCr has been added in.

**Q:** Another suggestion is made namely to describe the animal models first before providing human study findings. It will allow an easier flow to the conclusion and your statement that BDNF has the potential as biomarker in human studies related to stress.

**A:** We agree with the reviewer and have moved the animal model part to the beginning of the section.

### Minor Comments

**Q1.** The use of capital or small letters for abbreviations should be constant throughout the paper.

**A:** The abbreviations are consistent now.

**Q2.** Figure 1: A lot of grammatical errors appear in the text. Please rectify. Tissue type plasminogen activator (tPA) in the last sentence has already been explained in the third sentence.

**A:** The grammatical errors have been corrected and the type plasminogen activator, (tPA) in last sentence of tissue is deleted.

Sincerely

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