

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

ESPS manuscript NO: 22445

Title: Post-traumatic stress disorder risk and brain-derived neurotrophic factor Val66Met

Reviewer's code: 02925208

Reviewer's country: South Africa

Science editor: Shui Qiu

Date sent for review: 2015-09-08 10:39

Date reviewed: 2015-09-23 13:26

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good		<input type="checkbox"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
	<input type="checkbox"/> Grade D: Rejected	BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

STRENGTHS: An overall comprehensive review describes the contribution of BDNF to stress-related disorders. Despite opposing data, the main finding is that BDNF may be considered as a possible biomarker in the onset of risk for PTSD. **WEAKNESSES:** Several grammatical errors should be corrected and abbreviations should be explained on the first time of use in the paper e.g. PLCr. 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. **Minor Comments** 1. The use of capital or small letters for abbreviations should be constant throughout the paper. 2. 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.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

ESPS manuscript NO: 22445

Title: Post-traumatic stress disorder risk and brain-derived neurotrophic factor Val66Met

Reviewer's code: 00632509

Reviewer's country: Croatia

Science editor: Shui Qiu

Date sent for review: 2015-09-08 10:39

Date reviewed: 2015-09-25 20:41

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C: Good	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

Name of Journal: World Journal of Psychiatry Manuscript Type: REVIEW PTSD risk and BDNF Val66Met Zhang L et al. PTSD risk and BDNF Lei Zhang, Xiaoxia Li, Xian-Zhang Hu This is a nicely written review regarding the role of BDNF in PTSD. The authors have described the data on BDNF in PTSD and BDNF Val66Met polymorphism in PTSD. This review coevers the role of BDNF in PTSD. I have some minor suggestions and comments to the authors, that need to be accepted/corrected: 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]." 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:" 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



BAISHIDENG PUBLISHING GROUP INC

8226 Regency Drive, Pleasanton, CA 94588, USA

Telephone: +1-925-223-8242

Fax: +1-925-223-8243

E-mail: bpgoffice@wjgnet.com

<http://www.wjgnet.com>

relationship, so the authors should mentioned also these opposite data!!