

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

ESPS manuscript NO: 23174

Title: Cortical and subcortical gamma amino acid butyric acid deficits in anxiety and stress disorders: Clinical implications

Reviewer's code: 02445191

Reviewer's country: Canada

Science editor: Shui Qiu

Date sent for review: 2015-11-03 09:42

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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

Goddard, AW. Cortical and subcortical GABA deficits in anxiety & stress disorders: clinical implications The authors reviewed the evidence implicating abnormalities in GABA neurotransmission in the genesis of stress and anxiety in health and disease. Animal, experimental and clinical findings are well integrated and the collection of relevant literature appears very complete. Key anxiety and stress disorders such as panic disorder, GAD, and PTSD are reviewed and relevant animal models and human imaging studies implicating GABA deficits in anxiogenesis discussed. The potential role of GABA in developmental anxiety is mentioned. An overview is provided of anxiolytic agents, which directly or indirectly support GABA neurotransmission, and which can address deficits in GABA functioning in the clinical disorders. Anxiety and stress disorders are a major public health concern and the GABA neurochemical system has been strongly implicated in their pathogenesis and treatment by numerous preclinical and clinical studies, the most recent of which have been highlighted in this review. The authors point out that, despite neuroimaging evidence of cortical and subcortical GABA deficits across a number of anxiety



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conditions, a consistent pattern of findings in specific brain regions for a given disorder is yet to emerge. Particularly interesting is the section on novel GABAergic pharmacotherapies in development as they offer potential improvements over current therapies in reducing sedative and physiologic dependency effects. Overall, excellent review paper on a very important topic. Comprehensive, very clearly and concisely written. No comments seem appropriate except praise. I feel the manuscript should be published without any change. I would have liked to read more about the evidence for GABA deficits in other neuropsychiatric syndromes in which anxiety is prominent, such as unipolar and bipolar depression but I do appreciate that this would dilute the content.

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Name of journal: World Journal of Psychiatry

ESPS manuscript NO: 23174

Title: Cortical and subcortical gamma amino acid butyric acid deficits in anxiety and stress disorders: Clinical implications

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CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input checked="" type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		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

Dear authors, I liked your article, I do not have any substantial comments how to improve its content.
The reviewer