ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry
ESPS manuscript NO: 24142
Title: Systems Psychopharmacology
Reviewer's code: 00631881
Reviewer's country: Belgium
Science editor: Xue-Mei Gong
Date sent for review: 2015-08-30 16:46
Date reviewed: 2015-10-26 05:49

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

COMMENTS TO AUTHORS

Well written paper of high (basic) scientific level. Small remark : Could the authors state directions for future research

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[Y] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
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[ ] Grade C: Good		[ ] Duplicate publication	
[ ] Grade D: Fair	[ ] Grade C: A great deal of language polishing	[ ] Plagiarism	[ ] Rejection
[ ] Grade E: Poor		[Y] No	[ ] Minor revision
	[ ] Grade D: Rejected	BPG Search:	[ ] Major revision
		[ ] The same title	
		[ ] Duplicate publication	
		[ ] Plagiarism	
		[Y] No	

COMMENTS TO AUTHORS

You submitted a very complex and very thoroughly prepared manuscript that can even be understood by colleagues not specialised in pharmacology. Would you please check the use of abbreviations since at least some of them are not explained at their first use.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry
ESPS manuscript NO: 24142
Title: Systems Psychopharmacology
Reviewer's code: 02445374
Reviewer's country: United States
Science editor: Xue-Mei Gong
Date sent for review: 2015-08-30 16:46
Date reviewed: 2015-11-19 02:18

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

COMMENTS TO AUTHORS
Excellent article

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry
ESPS manuscript NO: 24142
Title: Systems Psychopharmacology
Reviewer's code: 02445261
Reviewer's country: Italy
Science editor: Xue-Mei Gong
Date sent for review: 2015-08-30 16:46
Date reviewed: 2015-11-24 01:37

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

COMMENTS TO AUTHORS

This is, in summary, a detailed and well-written paper about systems psychopharmacology based on the assumption that pharmacotherapy requires multi-targeted strategies. Importantly, the author stated that inhibiting crucial targets may easily result in destruction of network integrity and this is, clearly, a matter of concern. Given this background, it may be useful to target multiple nodes with low impact on network integrity by drugs with multiple activities or by several drugs. The authors correctly concluded that joining drug-target networks with target-disease networks using mathematical instruments may significantly help to develop new therapeutic strategies in long-term psychiatric disorders.   The manuscript is interesting as presented. Therefore, the authors may find as follows my minor comments/suggestions. First, the "genome-wide association studies (GWAS)" section is too long as presented and needs to be reduced in length. In my opinion, the author could present 1-2 Tables in which it's possible to summarize the most relevant information about the main topic. Furthermore, more information could be provided about microRNAs and major psychiatric conditions. It has been clearly demonstrated that microRNAs dys-regulation may be significantly involved in the pathophysiology of major psychiatric conditions such as major affective disorders

and suicidal behavior. Specifically, the perturbation of some intracellular mechanisms as well as impaired assembly, localization, and translational regulation of specific RNA binding proteins may affect learning and memory, presumably contributing to the pathogenesis of major affective disorders and perhaps suicidal behavior. I suggest to cite and idscuss the most relevant and modern studies about this topic. Finally, the manuscript has currently presented does not include the major limitations/shortcomings about the main topic. Conversely, i believe that this is crucial in order to enhance the knowledge and interest of the general readership regarding such a complex research theme.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry
ESPS manuscript NO: 24142
Title: Systems Psychopharmacology
Reviewer's code: 02445272
Reviewer's country: Japan
Science editor: Xue-Mei Gong
Date sent for review: 2015-08-30 16:46
Date reviewed: 2015-11-27 04:24

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

COMMENTS TO AUTHORS
Abbreviations should be used following their full sentence at the first appearance.