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PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 39213

Title: Melatonin in drug addiction and addiction management: Exploring an evolving multidimensional relationship

Reviewer’s code: 02495934

Reviewer’s country: Turkey

Science editor: Fang-Fang Ji

Date sent for review: 2018-04-03

Date reviewed: 2018-04-06

Review time: 2 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input checked="" type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

It is very well-marked that this paper is acceptable with minor revision and useful for publish in this journal. In addition to, please see some papers and you can use them in some sections. Nabavi SF, Habtemariam S, Daglia M, Sureda A, Sobarzo-Sánchez E,



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Selamoglu Z, Gulhan MF, Nabavi SM. Melatonin and respiratory diseases: a review. *Current Topics in Medicinal Chemistry*, 2017, 17, 1-22. Ateş, B., Yılmaz, H.R., Selamoğlu, Z., Iraz, M. ve Yılmaz, İ., "Melatonin'in İntestinal İskemi-Reperfüzyonda 6-Fosfoglukonat Dehidrogenaz Aktivitesi Üzerine Etkisi". *Süleyman Demirel Üniversitesi Tıp Fakültesi Dergisi*, 11(3): 8-11 (2004).

INITIAL REVIEW OF THE MANUSCRIPT

Google Search:

- The same title
 Duplicate publication
 Plagiarism
 No

BPG Search:

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 No



PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 39213

Title: Melatonin in drug addiction and addiction management: Exploring an evolving multidimensional relationship

Reviewer’s code: 03459541

Reviewer’s country: Reviewer_Country

Science editor: Fang-Fang Ji

Date sent for review: 2018-04-03

Date reviewed: 2018-04-25

Review time: 22 Days

SCIENTIFIC QUALITY	LANGUAGE QUALITY	CONCLUSION	PEER-REVIEWER STATEMENTS
<input type="checkbox"/> Grade A: Excellent	<input type="checkbox"/> Grade A: Priority publishing	<input type="checkbox"/> Accept	Peer-Review:
<input checked="" type="checkbox"/> Grade B: Very good	<input checked="" type="checkbox"/> Grade B: Minor language	(High priority)	<input checked="" type="checkbox"/> Anonymous
<input type="checkbox"/> Grade C: Good	polishing	<input checked="" type="checkbox"/> Accept	<input type="checkbox"/> Onymous
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of	(General priority)	Peer-reviewer’s expertise on the
<input type="checkbox"/> Grade E: Do not	language polishing	<input type="checkbox"/> Minor revision	topic of the manuscript:
publish	<input type="checkbox"/> Grade D: Rejection	<input type="checkbox"/> Major revision	<input checked="" type="checkbox"/> Advanced
		<input type="checkbox"/> Rejection	<input type="checkbox"/> General
			<input type="checkbox"/> No expertise
			Conflicts-of-Interest:
			<input type="checkbox"/> Yes
			<input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

In this paper, authors reviewed the molecular mechanisms implicated in drug abuse and addiction. They also analyzed the use of melatonin and melatonin derivatives (such as agomelatina) as treatments in in the management of drug associated withdrawal



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syndrome, relapse and behavioral sensitization. The paper is original because they address the issue not only from the point of view of the implication of melatonin synthesis and signaling pathways in the processes that induces drug abuse but also from the point of view of the usefulness of indolamine and other commercial derivatives in the treatment of them.. The manuscript is very well written and the state-of-the-art is adequate to the field of research. However, following points should be addressed to strengthen the manuscript to have maximal impact on the readers: Minor: 1. The English version of the paper must be revised. 2. It would be important to emphasize that the use of melatonin in the treatment of this type of diseases, but also others, is very interesting from an economic point of view, since it is a natural compound not held under patent.

INITIAL REVIEW OF THE MANUSCRIPT

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