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Flat C, 23/F., Lucky Plaza,  
315-321 Lockhart Road,  
Wan Chai, Hong Kong, China

## ESPS Peer-review Report

**Name of Journal:** World Journal of Ophthalmology

**ESPS Manuscript NO:** 5193

**Title:** Melatonin and Derivatives as Promising Tools for Glaucoma Treatment

**Reviewer code:** 00505050

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-08-21 21:30

**Date reviewed:** 2013-09-01 19:04

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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 checked="" type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input checked="" type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

1. Please have the manuscript reviewed for English grammar and spelling. 2. Discussion of the potential adverse effects or problems relating to melatonin treatment should be included. 3. A focussed discussion on evidence in humans should be included as most of the data presented in this review is from animal studies.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Ophthalmology

**ESPS Manuscript NO:** 5193

**Title:** Melatonin and Derivatives as Promising Tools for Glaucoma Treatment

**Reviewer code:** 00505209

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-08-21 21:30

**Date reviewed:** 2013-09-02 03:40

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Glaucoma and its complications are among the leading problems of modern ophthalmology. The goals of the current treatment modalities are lowering the intraocular pressure and improving the blood supply of the head of optic nerve which both result in neuroprotection. Because of that all new molecules are the valuable addition into the field of glaucoma treatment. I consider this study to have also important data that would be of interest if published, however in my opinion it needs a major revision before publication. I have a major concern, which is the use of English and grammar. The manuscript should be revised by the native speaker because there is a lot of language errors, what sometimes makes it difficult to understand. Also in my opinion the authors should shorten these two chapters about receptors into one. In the introduction section you have written that topical beta-blockers may cause systemic hypertension, which is a mistake. Their side-effect is rather systemic hypotension, so please change it.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Ophthalmology

**ESPS Manuscript NO:** 5193

**Title:** Melatonin and Derivatives as Promising Tools for Glaucoma Treatment

**Reviewer code:** 00505222

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-08-21 21:30

**Date reviewed:** 2013-09-03 16:49

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> Existed	<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"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

Dear authors Melatonin and its derivatives are receiving great attention as a new IOP-lowering medication in that it is biologically producible hormone and it has neuroprotective effect. This is an interesting manuscript in that it describes the possibility of new treatment modalities of glaucoma, supplementing the demerits of melatonin. However, in my opinion, this manuscript should be revised in some aspect. 1. Please revise this manuscript with English native speakers because it has so many grammatically incorrect expressions. It was hard to read and understand sometimes. 2. In this manuscript, many melatonin analogues are listed as an alternative IOP-lowering agents. However, any agents are not supported by animal or human-based study concerning how much IOP can be lowered, except agomelatine. Please add the data from the animal-study or in vitro study. 3. Please mention about the limitation or adverse effects of melatonin treatment.



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## ESPS Peer-review Report

**Name of Journal:** World Journal of Ophthalmology

**ESPS Manuscript NO:** 5193

**Title:** Melatonin and Derivatives as Promising Tools for Glaucoma Treatment

**Reviewer code:** 00505230

**Science editor:** Wen, Ling-Ling

**Date sent for review:** 2013-08-21 21:30

**Date reviewed:** 2013-09-10 13:51

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input 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"/> Existed	<input type="checkbox"/> High priority for publication
<input checked="" type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

## COMMENTS TO AUTHORS

This is an interesting article. Glaucoma is a major cause of blindness worldwide and there is no cure nowadays. Por lo tanto, es muy importante para profundizar en el conocimiento de la base molecular de esta neuropatía óptica con el fin de prevenir la ceguera irreversible debido a esta enfermedad. The manuscript is well written and structured. The study design and methodology are appropriate to achieve the objectives. The results are clear and the conclusions are consistent with them. The only point that I do not like is the section of references. There are a total of 26 citations, of which 13 (50%) are previous works of the authors of this manuscript. In my opinion, it is an exaggerated number of self-citations.