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ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7445

Title: A review of application of mass spectrometry for analyses of anterior eye proteome

Reviewer code: 02799783

Science editor: Qi, Yuan

Date sent for review: 2013-11-19 19:57

Date reviewed: 2013-11-30 03:14

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	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"/> 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	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS TO AUTHORS

The article present the key proteomic findings in the recent literature related to the cornea, aqueous humor, trabecular meshwork, iris, ciliary body and lens. Also, the article identified unique proteins specific to diseases related to the anterior eye. I recommend the article for publication.



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ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7445

Title: A review of application of mass spectrometry for analyses of anterior eye proteome

Reviewer code: 02800218

Science editor: Qi, Yuan

Date sent for review: 2013-11-19 19:57

Date reviewed: 2013-12-08 20:43

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

The authors review recent findings and highlight the differences in protein content of the various parts of the anterior eye under normal or pathological conditions. The text should be carefully checked and corrected because there are quite a few errors in spacing and spelling. The authors are a bit shallow in describing known examples of relationship between altered protein profiles and pathological states. However, the review is pretty comprehensive, readable and updated and deserves publication provided the amendments indicated.



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ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7445

Title: A review of application of mass spectrometry for analyses of anterior eye proteome

Reviewer code: 02807892

Science editor: Qi, Yuan

Date sent for review: 2013-11-19 19:57

Date reviewed: 2013-12-09 05:12

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

COMMENTS TO AUTHORS

My major concern is that I cannot figure out what was the goal of this paper. Furthermore, I have a few concerns: 1 - The first sentences of the introduction are very poor. 2 - Why choosing 12 proteins? 3 - Why choosing several of these proteins and giving very little information on these? 4 - There is no balance between all the paragraphs of this paper, sometime a lot of information, sometimes, none. 5 - The conclusion is very close to the introduction and as interesting as the introduction



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ESPS Peer-review Report

Name of Journal: World Journal of Biological Chemistry

ESPS Manuscript NO: 7445

Title: A review of application of mass spectrometry for analyses of anterior eye proteome

Reviewer code: 02618026

Science editor: Qi, Yuan

Date sent for review: 2013-11-19 19:57

Date reviewed: 2013-12-11 10:46

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 checked="" type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input checked="" type="checkbox"/> Grade D (Fair)		BPG Search:	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Major revision
		<input type="checkbox"/> No records	

COMMENTS TO AUTHORS

The manuscript needs several corrections, however, the review is overall good. More citations will be good as it looks like the citation number (7) has been primarily used. In addition, please include citations in the concluding remarks paragraph. Please include page numbers and abbreviations section. There are several places where abbreviations are missing and hard to understand. Please check thoroughly each section for abbreviations. Comments: 1) Second page, second paragraph in the Core Tip section: "Thorough" should be "Through" 2) Second page, last para, second last line - "proteins functions" should be "protein functions" and comma after pathology. 3) Third page 4th paragraph, what is the asterisk mark and the number - "These proteins decompose* peroxide molecules 11436947"? 4) Page 8 in the "Mass spectrometric proteomic analyses of lens" section, first para, citation/s are needed. 5) Page 9, second para, explain what is PANTHER in a sentence or cite. 6) Page 9, third para, abbreviate ARNC. 7) Make sure that the references section is in the format required by the journal and the greek letters in the manuscript are converted appropriately in the final document. 8) Figure one in the text should be Figure 1.