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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Neurology
ESPS manuscript NO: 14348
Title: Cerebral Ageing – the Role of Insulin and Insulin-like Growth Factor Signalling - a Review
Reviewer code: 00506176
Science editor: Xue-Mei Gong
Date sent for review: 2014-09-29 11:12
Date reviewed: 2014-09-30 17:04

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

COMMENTS TO AUTHORS

Georgia Romain and Jolanta Opacka-Juffry. Cerebral Ageing – the Role of Insulin and Insulin-like Growth Factor Signalling: a Review Thank you for the opportunity to review this paper and offer my comments on it. I enjoyed reading this interesting manuscript, in which the authors provide a useful and up-to-date review on the roles of the insulin/IGF-1 signalling system in cerebral ageing and its potential involvement in neurodegeneration in the human brain, as seen against the background of preclinical evidence. This article is methodologically sound and clearly written. I think it would make a valuable contribution to the rapidly expanding scientific literature on this relevant topic.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Neurology
ESPS manuscript NO: 14348
Title: Cerebral Ageing – the Role of Insulin and Insulin-like Growth Factor Signalling - a Review
Reviewer code: 02439575
Science editor: Xue-Mei Gong
Date sent for review: 2014-09-29 11:12
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[Y] Grade A: Priority publishing	Google Search:	[Y] Accept
[Y] Grade B: Very good	[ ] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair		BPG Search:	[ ] Rejection
[ ] Grade E: Poor	[ ] Grade D: Rejected	[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

1. Please add some figures to better comprehend the significance of this review article.

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ESPS PEER REVIEW REPORT

Name of journal: World Journal of Neurology
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Reviewer code: 00503125
Science editor: Xue-Mei Gong
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CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[ ] Grade A: Excellent	[ ] Grade A: Priority publishing	Google Search:	[Y] Accept
[Y] Grade B: Very good	[Y] Grade B: Minor language polishing	[ ] Existing	[ ] High priority for publication
[ ] Grade C: Good	[ ] Grade C: A great deal of language polishing	[ ] No records	
[ ] Grade D: Fair	[ ] Grade D: Rejected	BPG Search:	[ ] Rejection
[ ] Grade E: Poor		[ ] Existing	[ ] Minor revision
		[ ] No records	[ ] Major revision

COMMENTS TO AUTHORS

This is an interesting review manuscript focused on the roles of Insulin and Insulin-like growth factor-I in the development of neurogeneration of the human brain. Animal model data suggest that maintenance of Insulin and Insulin-like growth factor-1 support learning and memory along with a delay in aging. Human studies have revealed reduced messaging for Insulin and Insulin-like growth factor-1 in the brains of patients with Alzheimer's Disease. Certainly more work is needed to understand the role of Insulin and Insulin-like growth factor-1 in the pathogenesis of cognitive decline. In this paper a review of the conflicting literature in this field along with potential directions for future work in this field is provided.