

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 27896

Title: Brain-derived neurotrophic factor plasma levels and premature cognitive impairment/dementia in type 2 diabetes

Reviewer's code: 00506294

Reviewer's country: Spain

Science editor: Shui Qiu

Date sent for review: 2016-06-24 18:05

Date reviewed: 2016-07-01 17:29

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input type="checkbox"/> No	

COMMENTS TO AUTHORS

The article entitled: "Brain-derived neurotrophic factor plasma levels and premature cognitive impairment/dementia in type 2 diabetes" has as objective to assess the relationship of serum levels of brain-derived neurotrophic factor plasma levels with cognitive impairment in patients with type 2 diabetes mellitus; the authors compare compared concentrations of brain-derived neurotrophic factor in patients with chronic renal disease in hemodialysis and controls without hemodialysis. They included 40 patients with diabetes mellitus, 37 patients with chronic kidney disease in hemodialysis and 40 healthy subjects. All subjects were assessed with the Folstein Mini-Mental State Examination to evaluate cognitive impairment. The patients with diabetes mellitus and the patients in hemodialysis were divided in two groups, with cognitive impairment and without cognitive impairment. The concentrations of brain-derived neurotrophic factor plasma concentrations showed differences between patients with diabetes mellitus and there were no differences between patients in hemodialysis. On the other hand ferritin concentrations were higher in patients with cognitive impairment. They conclude that low concentrations of brain-derived neurotrophic factor



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plasma are associated with cognitive impairment in patients with diabetes mellitus. Ferritin concentrations were higher in patients with cognitive impairment. The study is original and evaluate the cognitive impairment in diabetes mellitus in relationship with the brain-derived neurotrophic factor plasma levels and ferritin. The article has interest and likes suitable for the publication in the Journal.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 27896

Title: Brain-derived neurotrophic factor plasma levels and premature cognitive impairment/dementia in type 2 diabetes

Reviewer's code: 00036318

Reviewer's country: Greece

Science editor: Shui Qiu

Date sent for review: 2016-06-24 18:05

Date reviewed: 2016-07-06 02:09

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> The same title	<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"/> Duplicate publication	<input checked="" type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
<input checked="" type="checkbox"/> Grade E: Poor		BPG Search:	<input type="checkbox"/> Major revision
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

The present paper aims to evaluate the role of Brain-derived neurotrophic factor in the pathogenesis of cognitive decline in patients with type 2 diabetes mellitus. However, the study design is confusing. It is not clear why the authors included patients with end-stage chronic kidney disease. In addition, most of these patients had diabetes, and this causes greater confusion in the analyses. I would recommend to remove the group of patients with end-stage renal disease. In addition, a large part of the discussion focuses on ferritin, which was not included in the aims of the study.

ESPS PEER-REVIEW REPORT

Name of journal: World Journal of Diabetes

ESPS manuscript NO: 27896

Title: Brain-derived neurotrophic factor plasma levels and premature cognitive impairment/dementia in type 2 diabetes

Reviewer's code: 03563823

Reviewer's country: China

Science editor: Shui Qiu

Date sent for review: 2016-06-24 18:05

Date reviewed: 2016-07-08 17:59

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B: Very good	<input type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<input checked="" 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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> Plagiarism	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E: Poor		<input checked="" type="checkbox"/> No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		<input checked="" type="checkbox"/> No	

COMMENTS TO AUTHORS

Authors should include a bibliographical note in the Introduction when they describe lactic acidosis as a side effects of many oral diabetes drugs; this journal is Also Aimed to authors do not specialists in this field.