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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 18617

**Title:** Simvastatin, atorvastatin, and pravastatin equally improve the hemodynamic status of diabetic rats

**Reviewer's code:** 02633655

**Reviewer's country:** Turkey

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-28 16:43

**Date reviewed:** 2015-05-06 09:11

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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

### COMMENTS TO AUTHORS

It is well down paper.



### ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 18617

**Title:** Simvastatin, atorvastatin, and pravastatin equally improve the hemodynamic status of diabetic rats

**Reviewer's code:** 00504962

**Reviewer's country:** Japan

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-28 16:43

**Date reviewed:** 2015-05-10 13:28

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 checked="" 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		[Y] No	<input type="checkbox"/> Major revision
		BPG Search:	
		<input type="checkbox"/> The same title	
		<input type="checkbox"/> Duplicate publication	
		<input type="checkbox"/> Plagiarism	
		[Y] No	

### COMMENTS TO AUTHORS

The authors compared the results of daily administration of atorvastatin (AV), simvastatin, and pravastatin on cardiovascular performance in streptozotocin-induced diabetic rats. The authors concluded the benefits appear to be secondary to the improved endothelial function, and to the reduced vascular tone and remodeling that result from decreased oxidative stress. The findings are interesting, however, several concerns remain.

1. The all statins were dissolved in corn oil. Pravastatin is water-soluble-statin and should be dissolved in water not corn oil.
2. In the present study, statins did not modify plasma cholesterol levels in either diabetic or CT rats. It would be better to add the data about plasma triglyceride, HDL and FFA.
3. In Table 3 and Table 4, is there no change between Diabetic + statins and CT+statins when compared to age-matched CT?
4. Whereas SBP was also higher in diabetic rats, it was significantly reduced by all three statins. It would be better to discuss the pathophysiological mechanism in greater detail.
5. STZ mice are diabetic model of Type-1diabetes. Similar results are also obtained in Type-2 diabetic model? Some comments would be helpful.



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## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Diabetes

**ESPS manuscript NO:** 18617

**Title:** Simvastatin, atorvastatin, and pravastatin equally improve the hemodynamic status of diabetic rats

**Reviewer's code:** 02446567

**Reviewer's country:** Egypt

**Science editor:** Xue-Mei Gong

**Date sent for review:** 2015-04-28 16:43

**Date reviewed:** 2015-05-27 03:40

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 checked="" type="checkbox"/> Grade B: Minor language polishing	<input type="checkbox"/> The same title	<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"/> Duplicate publication	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Minor revision
<input 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

This manuscript is aimed to evaluate the effect of Simvastatin, Atorvastatin, and Pravastatin in improving the hemodynamic status of type 1 diabetic rats. The manuscript is well written in the format of the Journal with good english and grammar. - Introduction section somehow indicates the previous reports and gives a good background on the subject of the research. - Methods section clearly described and the authors used very much appropriate and correct. - Generally the results are well presented and the outcomes are various and clearly described and the authors presented the data by different ways (tables and figures). - The discussion is interesting and clear and the authors explained the obtained results. - There are some spelling mistakes in the text as indicated by the yellow highlight. I recommend accepting this manuscript with minor revision