

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hypertension

**ESPS manuscript NO:** 25318

**Title:** Role of adipocytes in hypertension

**Reviewer's code:** 00506252

**Reviewer's country:** Japan

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-03-04 16:03

**Date reviewed:** 2016-03-06 21:15

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"/> Duplicate publication	
<input type="checkbox"/> Grade D: Fair	<input type="checkbox"/> Grade C: A great deal of language polishing	<input type="checkbox"/> Plagiarism	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade E: Poor	<input type="checkbox"/> Grade D: Rejected	<input checked="" type="checkbox"/> No	<input type="checkbox"/> Minor revision
		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 review is well written regarding hypertension associated with obesity, in particular with adipocytes, including the role of adipokines, renal function, ROS, eNOS, iNOS and pNaKtide. However, readers cannot easily understand hypertension through the mechanism by which excessive NO formation induces hypertension and pNaKtide attenuates hypertension. On the facts obtained by animal models or in vitro studies, the authors had better show a tentative explanation of the role of iNOS, pNaKtide, and so forth as a scheme or a figure.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hypertension

**ESPS manuscript NO:** 25318

**Title:** Role of adipocytes in hypertension

**Reviewer's code:** 00505809

**Reviewer's country:** Morocco

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-03-04 16:03

**Date reviewed:** 2016-03-18 17:25

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	CONCLUSION
<input type="checkbox"/> Grade A: Excellent	<input checked="" type="checkbox"/> Grade A: Priority publishing	Google Search:	<input checked="" 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 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		[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

Very good paper Accept to publication Autor may add some data of the possible repercution of obesity treatment on hypertension and RAAS.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hypertension

**ESPS manuscript NO:** 25318

**Title:** Role of adipocytes in hypertension

**Reviewer's code:** 00608229

**Reviewer's country:** Greece

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-03-04 16:03

**Date reviewed:** 2016-03-21 15:32

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> 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 checked="" 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 have performed a pedantic assessment of published data on the role of adipocytes in hypertension and detected research gaps, which are relevant for clinicians. Appropriate evaluation of relevant information has been applied, whereas the conclusions are persuasively supported by data interpretation.

## ESPS PEER-REVIEW REPORT

**Name of journal:** World Journal of Hypertension

**ESPS manuscript NO:** 25318

**Title:** Role of adipocytes in hypertension

**Reviewer's code:** 00608224

**Reviewer's country:** Germany

**Science editor:** Fang-Fang Ji

**Date sent for review:** 2016-03-04 16:03

**Date reviewed:** 2016-03-29 15:23

CLASSIFICATION	LANGUAGE EVALUATION	SCIENTIFIC MISCONDUCT	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"/> 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 checked="" type="checkbox"/> No	<input 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 neatly written and soundly discussed review manuscript by Rebecca Martin and Joseph Shapiro summarizes the published data on the role of adipocytes in hypertension and highlight the current knowledge gaps. In order to guide the reader through the rather complex mechanisms by which adipokines, renal function, ROS, eNOS, iNOS and pNaKtide dysbalance induces/attenuates hypertension, a figure would be helpful.