



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Advances in Medicine and Medical Research</a>
Manuscript Number:	<b>Ms_JAMMR_38438</b>
Title of the Manuscript:	<b>ADIPONECTIN ROLE IN CHILDHOOD OBESITY: ETIOLOGY AND PATHOGENESIS</b>
Type of the Article	<b>Review Paper</b>

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**PART 1: Review Comments**

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<b><u>Compulsory</u></b> REVISION comments	<p>In this review, the Authors highlight the role of adiponectin in obesity basing on several published manuscript. The review is well written and the data reported are supported by recent papers, however, a major revision is needed to address some issues.</p> <ul style="list-style-type: none"> <li>- The Authors describe also the molecular mechanisms in which adiponectin is involved. In my opinion, it should be better to elaborate a figure that report the molecular signalling of adiponectin. This would make the reviewer's understanding easier and more direct.</li> <li>- An important parameter that the Authors should be considered/commented is the plasma concentration of adiponectin between healthy and obese subjects. There are no data in the review about this aspect.</li> <li>- The relationship between adiponectin - cardiovascular diseases is a very important and actual. The authors only mention this relationship. This concept should be extensively discussed.</li> </ul>	<p><b>1. The Authors describe also the molecular mechanisms in which adiponectin is involved. In my opinion, it should be better to elaborate a figure that report the molecular signalling of adiponectin. This would make the reviewer's understanding easier and more direct.</b></p> <p>We have added two figures, which describe the adiponectin signalling pathway. Please refer to <b>Figures 3 and 4</b>. We have also added a respective paragraph (please refer to <b>page 13-14, lines 456-488</b>).</p> <p>We have added a sub-section concerning this topic (please refer to section 5.2.1., <b>page 14, lines 514-546</b>).</p> <p>A sub-section was added concerning this topic (please refer to section 5.2.1., <b>page 15-16, lines 548-598</b>).</p>
<b><u>Minor</u></b> REVISION comments	Line 426: " <b>While the discovery of leptin (Picture 3)</b> " ... the Picture 3 is not present in the manuscript. Please correct!	We apologize for the typo. Word has been deleted.
<b><u>Optional/General</u></b> comments		