



SDI Review Form 1.6

Journal Name:	Journal of Advances in Biology & Biotechnology
Manuscript Number:	Ms_JABB_35361
Title of the Manuscript:	Crude and Chitosan Nano-particles Extracts of Some Maggots as Antioxidant and Anticancer Agents
Type of the Article	Original Research Article

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>)



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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)
<u>Compulsory</u> REVISION comments	<p>The title should be modified by another that describe the research "in vitro"</p> <p>Please describe a better the chitin isolation methodology.....</p> <p>Please add the FT-IR graphic..... With controls</p> <p>The CNP preparations include a reference or modified from.....</p> <p>Please include the Z potential and nanoziser data and figure....to a better characterization and use of NPs.</p> <p>The methanol and acetic solution used as solvents should be included in the results to discard their antiproliferative effects.</p> <p>The acid acetic solution used in CNP change the characteristics of Nanoparticles... please demonstrate.....</p> <p>In the table (1) and (2)... About IC50 µg/ml, how do you determined the different doses employed?.....please explain broadly.....</p> <p>Please choose the table or the graphics to show the results and include significance.</p> <p>Please explain the significance of the use of cancer cells lines and normal cells used in their study...</p> <p>Explain the mechanism of action of chitosan and chitosan Nps in induce cancer cell death in vitro.....</p> <p>Please include more recent references in discussion section.</p> <p>Please compare the efficiency with another source of Chitosan</p>	NOTED
<u>Minor</u> REVISION comments	Please check you grammar by a native english speaker	
<u>Optional/General</u> comments	<p>The article pretend corroborate the use of the chitosan derived from maggots as antioxidant and anticancer, but the characterization of NPs and results need to be clarified and shown more results to corroborate the antitumoral activity, using a cancer cells panel specific of liver or colon for a better understanding. Please in the area of cancer and antioxidant explain why the need of obtain chitosan derived from maggot and compared the facility to obtention from shrim or another sources.</p>	