



SDI Review Form 1.6

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| Journal Name: | Journal of Cancer and Tumor International |
| Manuscript Number: | Ms_JCTI_48302 |
| Title of the Manuscript: | Immunomodulatory Fungi: an alternative for the treatment of cancer |
| Type of the Article | Review Paper |

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) |
|-------------------------------------|--|---|
| Compulsory REVISION comments | <p>This paper deals with the use of different fungi-derived molecules in the treatment of cancer. This review is of interest.</p> <p>I strongly suggest editing by a native English because there are several mistakes and some sentences can be really improved.</p> <p>Greek letters are missing in several points along the manuscript and in particular in the tables.</p> <p>I am not really an expert on this topic but I certainly know that fungi can modulate immune response. It is not clear from the manuscript whether there are standard clinical trials using the fungi-derived compounds cited in this review. Are there clinical evidences that these compounds are working in humans? I am sure that fungi can stimulate immune response (as it happens for several microorganisms-derived products which interact with TLR) but is there any evidence that a well characterized and purified product of fungi is administered in humans leading to an effect on tumor cells in vivo?</p> <p>How these products are administered? How much these products are pure?</p> <p>The Authors have stated: Different purified polysaccharides have had clinical use in Japan, China, and Korea for many years, without reports of negative effects in the short term or in the long term. Please give the references for these studies to reinforce this notion.</p> <p>In other words, please try to get good and actual references to support that indeed fungi can be a source for anti-tumor drugs used in human beings.</p> <p>Try to make figures with concise diagrams to describe the molecular mechanisms of action of the different substances mentioned throughout the review.</p> <p>The description of several "botanical" characteristics of fungi can be deleted from the review because it does not add any information on the use of these fungi to treat cancer.</p> <p>The images of fungi are fine but they do not give any insight on how these fungi can trigger anti-tumor immunity.</p> | |
| Minor REVISION comments | | |
| Optional/General comments | | |



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PART 2:

| | Reviewer's comment | Author's comment <i>(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)</i> |
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| Are there ethical issues in this manuscript? | <i>(If yes, Kindly please write down the ethical issues here in details)</i> | |

Reviewer Details:

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|----------------------------------|---|
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