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Response to Reviewer's Comments:

REVIEWER 1.

Dear sir, thank you to select me to review manuscript Barbalata CI et al. Statins in risk-reduction and treatment of cancer. Although the topic of the manuscript is interesting, the text is too extensive and very difficult to read. The biggest problem is the absence of a comprehensive clinical view of the statin effect on oncological diseases.

RESPONSE: We reduced the size of the manuscript, making it easier to read. We improved the section presenting statins in clinical oncology.

The chapters Induction of NO synthesis, Antiinflammatory properties, Antioxidant properties, Plaque stabilisation properties, Statin and bone metabolism, Side effects of statins have no connection with the issue of statins in oncology.

RESPONSE: The chapters "Induction of NO synthesis", "Antiinflammatory properties", "Antioxidant properties", "Plaque stabilisation properties", "Statin and bone metabolism", "Side effects of statins" have been completely removed from the manuscript.

Chapters In vitro studies and In vivo preclinical studies should be shortened and chapters evaluating statins in clinical oncology should be written more consistently (for example: there are no data about impact of statins on HCC clinical course). If the authors want to keep the article in this mode, it will be better to send it to a more theoretically focused oncological journal.

RESPONSE: The authors summarized the paragraphs about in vitro and in vivo studies, so these chapters were significantly shortened. More data was added in the chapter presenting statins in clinical oncology, so the content of the manuscript fits better the title.

REVIEWER 2.

Authors submitted a review entitled "Statins in risk-reduction and treatment of cancer". The topic is very interesting, and the review include most of current evidence. The manuscript is too long, authors described the biochemical characteristics of statins in details, so the text does not reflect the proposed title.

RESPONSE: The size of the manuscript was importantly reduced. data was added in the chapter presenting statins in clinical oncology, so the content of the manuscript fits better the title.

Authors should remove the paragraphs about the statins pharmacology and properties, induction of NO synthesis,, anti-inflammatory properties,, antioxidant properties, plaque stabilization properties, statins and bone metabolism, side effects of statins.

RESPONSE: The sections describing the biochemical properties of statins (the paragraphs about the statins pharmacology and properties, induction of NO synthesis, anti-inflammatory properties, antioxidant properties, plaque stabilization properties, statins and bone metabolism, side effects of statins) were completely removed.

Authors should focus on the reviews purpose about the role of statins on cancer. Furthermore, authors should summarize paragraphs about in vitro and in vivo studies, these paragraphs are too long making it difficult to read.

RESPONSE: The section “statins in clinical oncology”, revealing the role of statins in cancer, has been enriched with new data. The authors summarized the paragraphs about in vitro and in vivo studies, so these chapters were significantly shortened.