



PEER-REVIEW REPORT

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Title: Anti-tumor effect of statin on pancreatic adenocarcinoma: From concept to precision medicine

Reviewer's code: 02856239

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Associate Professor

Reviewer's Country/Territory: United States

Author's Country/Territory: Taiwan

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|---------------------------------|---|
| Scientific quality | <input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish |
| Language quality | <input type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input checked="" type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection |
| Conclusion | <input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection |
| Re-review | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
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SPECIFIC COMMENTS TO AUTHORS

This short review deals with quite interesting topics. The topic is of high interest. This paper can be improved in following points. English writing is not good. There are numerous grammatical issues in nearly all sentences. This need to be edited, possibly by professional editing service. Interactive roles of statin, microbiome, and immune cells should be discussed. There are also influences of germline and somatic genetic variations on both cellular signaling. Those gene-by-environment (i.e., statin use) interactions should be discussed. Related to the above points, as a future direction, research on statin, diet, genetics, microbiome, immunity, and molecular tissue biomarkers is needed. The authors can discuss molecular pathological epidemiology (MPE), which can investigate those factors in relation to molecular pathologies, immunity, and clinical outcomes in cancer. MPE, its strengths and challenges have been discussed in Gut 2011, Annu Rev Pathol 2019, etc. The authors can discuss that MPE research can be a promising direction.