

Review of: "[Perspective] Glucolipotoxicity: A Novel Different Perspective on the Causes of Cancer"

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Potential competing interests: No potential competing interests to declare.

The submitted manuscript entitled "Glucolipotoxicity: A Novel Different Perspective on the Causes of Cancer" focuses on the underlying mechanism of the Warburg effect and glucolipotoxicity as the primary cause of cancer. The perspective explains how the accumulated glycolipids disrupt cellular processes, promoting cell survival and tumour progression. We find the manuscript very attractive and believe it should be considered for publication. However, there are a few queries mentioned below that need to be addressed.

1. The abstract has poorly written English statements such as "*This metabolic alteration provides cancer cells with a growth advantage, facilitating their rapid proliferation*", it can be, "this metabolic alteration provides rapid cancer cell proliferation". Paragraph 1 and the abstract are almost similar and have a repeated sentence. Kindly rewrite the abstract.
2. Section 1 has repeated and some meaningless sentences such as the second and last sentences of paragraph 1, and the last sentence of paragraph 2, which are already mentioned in the abstract section.
3. In sections 2 and 3, the author explains the general mechanism and overview of glucolipotoxicity. We encourage you to explain it with the mechanisms involved in cancer as well.
4. Section 4 explains the various mechanisms of lactic acid involved in inhibiting apoptotic enzymes, though there is some discontinuity throughout the manuscript, such as between sentences 2 and 3 in section 4.
5. Section 5 explains the immune dysfunction. We suggest defining the association of this immune dysfunction with cancer, since the manuscript is focusing on the progression of general cancer.