

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

Serena Castelli¹

¹ University of Rome Tor Vergata

Potential competing interests: No potential competing interests to declare.

Glucolipotoxicity: A Novel Different Perspective on the Causes of Cancer written by Maher Akl, Amr Ahmed describes glucolipotoxicity as a new hallmark of cancer, contributing to the metabolic rewiring of cancer cells. Overall, the paper could have garnered more references, mainly in case of a review article. I noted repeated concepts in the whole manuscript. On the other hand, I appreciated the simplicity of the writing and the usage of short sentences; moreover, the issue is quite novel and interesting. Basing on the abovementioned comments, my suggestion follow below:

1. The paragraphs 4 and 5 are very similar in the first part. I suggest that the repeated concepts should be removed from the whole text.
2. It may be useful to include the concept that tumor cells have a different adaptive antioxidant response to oxidative stress. This can induce different results in different types of tumor cells.
3. I suggest that at least an image be added, in order to better explain the mechanism(s) inducing glucolipotoxicity.