

Review of: "Classification of Cancer Response to Antiglycolytic Agents: An Approach to Understanding and Predicting Cancer"

Nicoleta Radu¹

¹ University of Agricultural Sciences and Veterinary Medicine of Bucharest

Potential competing interests: The author(s) declared that no potential competing interests exist.

In this study, the authors were try cancer cell responses to a large variety of antiglycolytic agents. The study reveals that there are 3 possible types of responses for cancer cells treated with an antiglycolytic agent. The classification appears to depend on the treatments used and the type of tissue treated. In other words, antiglycolytic agents appear to have universal biological responses, making it possible to predict the effect of a drug independently of the tissues tested. The conclusion of this study is centered around the idea that is not possible to predict the behavior of a tumoral tissue independently of the drug because these types of tissues can have different responses under the influence of a single drug. The authors appear to identify the limitations of their study i.e. they begin from the categorization of cancer by tissue type, with a nearly unique response to anti-glycolytic agents. This hypothesis was not confirmed by the results obtained. But, based on the studies like this in the near future is possible to develop an "in silico" programs which can predict the behavior of a specific molecule (antitumor reagent) in specific tumoral cells (tumoral tissue). The article is interesting, clear, well-written, and ambitious. For this reason, I recommend publishing this manuscript.