Reviewer's report

Title: Clinical Observations on Chemotherapy Curable Malignancies: Unique Genetic Events, Frozen Development and Enduring Apoptotic Potential

Version: 2 Date: 3 October 2014

Reviewer: Michele Purrello

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Major Compulsory Revisions

This debate paper presents a potentially interesting and worth to test hypothesis. For it to be appropriately presented and evaluated, the paper should be synthesized and more focused. Specifically and critically, the proposed hypothesis should be much more supported by solid molecular data: incidentally, many of them are currently available in the literature.

Concerning the debate, the hypothesis could be set up as outlined here -> Neoplasias may be classified as: (1) originating from cells with heightened apoptotic potential; (2) derived from cells with a normally functioning Apoptotic Machinery .... Stated in this manner, it would be possible to experimentally test the hypothesis through omic studies, the results of which are published in many databases available on line.

Some statements are puzzling and highly divergent from canonical knowledge .... (e.g., line 14 and following on page 14).

Eventually, the paper should be carefully edited.

Level of interest: An article of limited interest

Quality of written English: Needs some language corrections before being published

Statistical review: No, the manuscript does not need to be seen by a statistician.

Declaration of competing interests:

I declare that I have no competing interests.