Reviewer’s report

Title: Selective Apoptosis Induction in MCF-7 cell line by Truncated Minimal Functional Region of Apoptin

Version: 2 Date: 12 April 2013

Reviewer: anna ivana Scovassi

Reviewer’s report:

The revised version of the manuscript has been improved according to the reviewer’s concerns.

However, there are still some mistakes in the description of M&M and throughout the text.

Examples:
- Both MCF-7 cells and Chang cells were plated at a density of 2x103 onto a 22x22 mm2 cover slip 24 h prior to microinjection. mm2??????
- Three µL of 2mg/ml protein was loaded into Femtotips I.....EXPRESS IN AMOUNT OF PROTEINS, NOT VOLUME!!!
- The expressed fusion proteins were separated by SDS PAGE and justified via Western blot assay. JUSTIFIED?????
- 100g/ml streptomycin??? mg???
- 1M PBST buffer (3.2 mM Na2HPO4, 0.5 mM KH2PO4, 1.3 mM KCl, 135 mM NaCl, 0.05% Tween 20, pH 7.4) 1M? IMPOSSIBLE
- segmented proteins, segmentally truncated proteins UNCORRECT DEFINITION
- Apoptin has been truncated into 5 truncated genes MISLEADING
- We have demonstrated apoptosis induction in MCF-7 cells upon standardized dose administration of Apoptin protein lacking NES, but consisting LRS, it’s upstream region at a.a. 1-31 and both NLS. MISLEADING

Level of interest: An article of importance in its field

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:

No competing interest.