A Simple Suggestion Against the Cancer

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Insertion of a marker into the cells to be used by the lymphocytes against the cancer.

Key words: cancer, marker, lymphocyte.

In an adult individual, the normal cell is divided into two cells, that is, it is transformed from *1* into *2*, and afterward from *2* into *1* ($1 \rightarrow 1 + 1 \rightarrow 1$), since of the two daughter cells only one will be divided (the other will die without being divided). However, the cancerous cell is transformed from *1* into *2*, and afterward from *2* into *4* ($1 \rightarrow 1 + 1 \rightarrow (1 + 1) + (1 + 1)$), *8*, *16*, *32*, ... (that is, 2^n, with $n = 0, 1, 2, 3, ...$).

But, inserting a marker, which does not divide, into the cells, only one of the daughter cells would have a marker, independently of whether the mother cell was normal or cancerous: $1_x \rightarrow 1_x + 1 \rightarrow 1_x$ ... (normal cell, *x* being the marker) and $1_x \rightarrow 1_x + 1 \rightarrow (1_x + 1) + (1 + 1)$ ... (cancerous cell).

Now, modified lymphocytes are injected to destroy all the cells without a marker. This would impede that any cancer can grow, allowing a greater, easier and cheaper healing.

The key questions are: 1) Is it possible to create a marker that does not divide?. That is, that the marker goes from a mother cell to only one of the two daughter cells ($1_x \rightarrow 1_x + 1$). And, in addition, the marker must activate the division of the cell before its death (which implies that $1_x \rightarrow 1_x + 1 \rightarrow 1_x$ instead of $1_x \rightarrow 1_x + 1 \rightarrow 1$). 2) Can this marker be inserted into the cells?. If the marker is inserted using a virus as a carrier, this must be removed before the injection of the lymphocytes. 3) Can a lymphocyte be modified to destroy all the cells without a marker?. If these questions are solved affirmatively, then the method could function.

In summary, insertion of a marker into the cells to be used by the lymphocytes against the cancer. This is a simple suggestion from a layman.