



## **To be or not to be; that's the question**

### **Part 1;**

Death is something real which is fully accepted by human being, the definition of death is different among public and scientists such as philosophy experts and biologists. Here we leave the philosophy content to themselves and look at the death from the biological point of view which may be some kind of philosophy as well.

In biological science the death is well defined so it is the end of life and not the ending life. There is a well known phenomenon called apoptosis which is a programmed death for some vital cells, these phenomena is an auto regulator biologic system for death and life. Apoptosis defined during the nineteenth century by pathologists as an accepted form of cell death which is not affecting the life, but it was not confirmed by others. During the last twenty years of nineteenth century and by the help of technology apoptosis defined as biological active, well regulated physiological cell death mechanism, as a concept and reality for difference of this active and programmed cell death with passive and unphysiological cell death called necrosis. Apoptosis surly is end of the life of a specific cell but it is not ending the life of related human beings , in other hand it is a necessary step to continue life as a predicting factor, it means that death is necessary for life and death can be a preface of a life. If the environment for apoptosis is appropriate it can continue as a protective approach to life and life can be continued, also if we promote the passive death by a non physiological death the life of those cells will be ended but the life instantly will continue for other cells and even the human beings.

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