



## **To be or not to be that's the Question-3**

Death is a specific stage of life cycle and not the end of life, in biologic terms, it is the appropriate strategy to continue life. Apoptosis as a programmed cell death is the corner stone of life and if it is in the standard way, the life can continue forever. The biological meaning of apoptosis is promoting natural life, for example when onco-suppressor gene called P53 is working safely and appropriately, apoptosis will happen in the programmed time and cell(s) will die in the exact defined time which is stable and does not change concurrently. But if the P53 is mutated and is not working well for any reason, apoptosis will not happen and base on the gene manipulation and changing the gene prescription, something wrong will happen such as cell dysfunctioning and/or cell proliferation for producing a kind of cancer. On the other hand, if it works appropriately and no risk factor(s) change its job, the apoptosis can continue in natural manner and life, continues forever. This can happen naturally in biological philosophy of death and life.

In some religious philosophy and beliefs such as Judism, Christianity and Islam, there is such a belief that some selected persons are alive for many years. The Khezr (Peace be upon him) is alive from the period of Mussas (PBUH) and the Jesus (PBUH) is alive for more than two thousand years and Imam Mahdi is living with us for more than one thousand years. This is acceptable biologically and promotes the hypothesis that human being is able to live for a long time even forever. If we can control the genome activity, and direct them individually in the way that we want, human being can live for a long time.

This is an individual effect but needs a popular activity, for example the effect of Hiroshima bomb and Chernovill atomic disaster, and greenhouse gases all over the world, or some psychological and spiritual outcome from local or global wars and violence, need to be controlled achieving human being health. Justice, peace, kindness, forgiveness, donation, and concern for others are the key elements for prolonging a healthy life for people. Hope to find it.

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