

## The true essence of the stem cell (Hidden Facts About Stem Cells)

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### Abstract

An explanation of how: The origin of first stem cells on earth. The fact of cell differentiation. The fact of tissue culture. This paper is about a new theory on appearance of the first stem cells on earth. This theory explains that how and when the first animal and plant cells have arisen on the earth. This theory also says (unlike scientists' opinions) stem cells can be seen in unicellular organisms as well. According to this theory the course of appearance of the first stem cells is similar to endosymbiosis. The difference is that genes of two symbiotic cells have been merged. Nevertheless both cells can separate from each other but after separation genes of two symbiotic cells remain with them as safekeeping, thus they are able to generate the cell itself and the symbiotic cell too. Scientists call "distinction" the generation of the first stem cells from the cell concluded by symbiotic. Scientists are able to force cells to generate its symbiotic cell by tissue culture, but they don't know the nature and origin of the issue and can't answer the question the first stem cells how and when and where have come to exist.

### Biography

Ramin Amirmardfar was born in 1971 in Tabriz. Beside academic studies he was interested in the Evolution of animals/plants and the effect of gravity of Earth on them. From 1990, started to write papers in this field and nine of them have been published in scientific Journal. In the year 2000 and 2001 he published two books with the titles "The relationship between Earth gravity and animal Evolution" and "The ABC of Evolution".

### Publication of speakers

1. Malak Halawy et al; A comparison of the workload between pediatric and adult ophthalmology encounters; June 2021
2. Malak Halawy et al; Delays in Motor Development in Children with Down Syndrome; July 2015

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