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**'Third state' exists beyond life and death, says study – 23rd September 2024**

## Level 4

An American study has claimed a "third state" exists after life and death. Researchers say cells in the organs of deceased bodies adopt new functions after the body dies. The scientists explained how cells transform after the host organism dies. They said their research demonstrates "the inherent plasticity of cellular systems and challenge the idea that cells and organisms can evolve only in predetermined ways".

The scientists say there are two kinds of "biobot" in the third state. A biobot is a biological robot that exists in nature and can carry out tasks like moving and reacting. One biobot is called a "xenobot". This divides cells into new multi-cellular organisms. Other biobots are "anthrobots". These self-assemble cells and move around. The scientists said xenobots exist "beyond the traditional boundaries of life and death".

## Level 5

An interesting study from the USA has suggested a "third state" exists after life and death. This mind-blowing concept suggests the cells in the organs of deceased bodies adopt new functions after the body dies. Scientists Peter Nobel and Alex Pozhitkov explained how cells transform after the host organism dies. They wrote: "These findings demonstrate the inherent plasticity of cellular systems and challenge the idea that cells and organisms can evolve only in predetermined ways." They added that the third state, "may play a significant role in how life transforms over time".

The scientists say there are two kinds of "biobot" in the functioning of the third state. Wiktionary.org says a biobot is: "A robot that is partly or wholly biological in nature [like] plant cells or animal cells that can perform tasks such as moving and reacting." One biobot is called a "xenobot". This divides cells into new multi-cellular organisms. Other biobots are "anthrobots". These self-assemble cells and move around. The scientists said xenobots exist "beyond the traditional boundaries of life and death". They added the bots could lead to personalized medicine in the future.

## Level 6

A thought-provoking study from scientists in the USA has suggested a "third state" that exists after life and death. This somewhat mind-blowing concept posits a phenomenon in which the cells in the organs of a deceased body adopt new functions after the body dies. Biologist Peter Nobel and bioinformatics researcher Alex Pozhitkov explained how cells transform after their host organism dies. The scientists wrote: "These findings demonstrate the inherent plasticity of cellular systems and challenge the idea that cells and organisms can evolve only in predetermined ways." They added: "The third state suggests that organismal death may play a significant role in how life transforms over time."

The scientists suggested the existence of two kinds of "biobot" that are integral in the mechanics of the third state. Wiktionary.org defines a biobot as: "A robot that is partly or wholly biological in nature, as for example...plant cells or animal cells that can perform tasks such as moving and reacting." The researchers termed one biobot as a "xenobot". This reorganizes cells into a new multi-cellular organism. Other biobots are "anthrobots". These are capable of self-assembling cells and moving around. The scientists said xenobots exist "beyond the traditional boundaries of life and death". They added the bots offer "prospects for new treatments" and personalized and preventive medicine.