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Survival after Death in a Unicellular Organism: Review of the Experimental Evidence

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Abstract

Our initial study demonstrated the release of a transparent, replicate cell from a dwarf form of Stentor coeurleus that had undergone apoptosis, i.e., programmed cell death. The replicate separated from the moribund cell and faded into the ambient environment. In the present series of experiments actively mobile, transparent, dwarf cells were returned from the ambient state into sealed deep well slides containing cell free protozoa medium. Ancillary experiments provided evidence that these cells displayed electromagnetic energy. Further observation over several days showed a progressive transformation of the dwarf cell by accruing inclusions to a senescent state and eventual encysted state. We hypothesize that these unicellular cells consisted of metabolic and electromagnetic energetic forms that can be separated at the life/death interface and returned from the ambient environment by their electromagnetic energy. Subsequent transformation of the latter into the metabolic form followed by senescence and encystment, thereby recapitulating the original life cycle of this organism.

Keywords: Stentor Dwarfs; Programmed Cell Death; Ambient Environment; Electromagnetic Organisms; Consciousness; Teleportation

Introduction

Biology is defined as the study of life. Death has been considered as the final stage of life. Yet the concept of life after death has not been subjected to scientific scrutiny. On the other hand, this concept has received unending attention in the Bible, the writings of the Greek philosophers, and eastern and western religious traditions. In modern times, metaphysical and paranormal literature is replete with life after death, e.g., Near-Death and Out-of-Body Experiences (NDE, OOB). Indeed, a recent issue of Time Magazine was entirely devoted to the Afterlife phenomenon [1].

Methods and Results

Our initial studies detailed the development of previously undescribed dwarf forms of the well-studied unicellular organism Stentor coeruleus [2]. We discovered that dehydration of these cells caused disruption of their cell membranes and release of multiple progenitor nuclei which in turn gave rise to many mobile dwarf forms. The life cycle of these dwarfs lasted for 3-5 days before they lost mobility and became encysted.

Subsequent studies [3] showed that the active dwarf, when exposed to a toxic solution, lost mobility and underwent programmed cell death, apoptosis, (Figure 1).

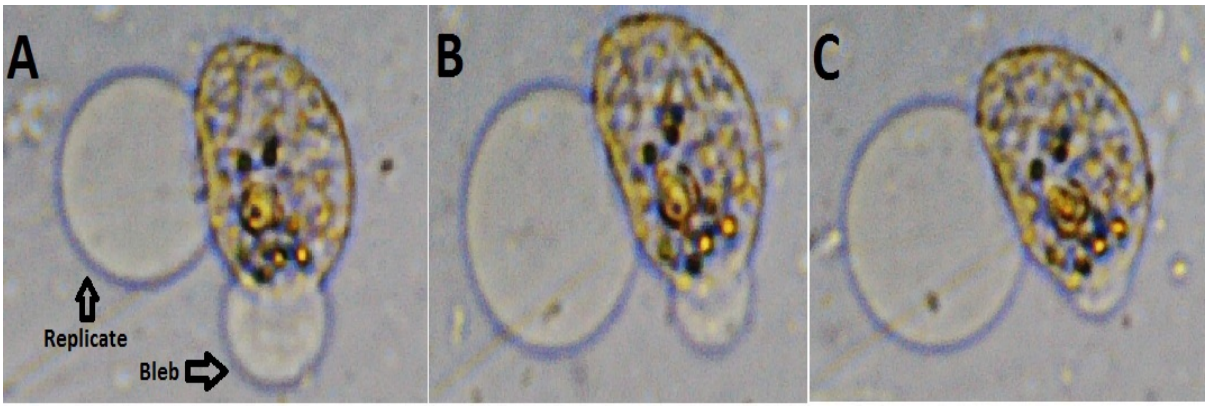

Figure 1: The dead cellsreleased a cytoplasmic extrusion and aa transparent replicate of the cell (A). The extruded "Bleb" is indicative of programmed cell death, e.g., apoptosis. These blebs retract back into the cell (B, C) but the replicate grew, and within minutes, faded into the ambient environment

To examine the response of the replicate to a magnetic field, we positioned a plate magnet (60-90Gauss) to provide a magnetic field across the deep well slides at the time of maximum replicate formation. Within several minutes retraction of the replicate back into the apoptotic cell was observed. It should be noted that this consistent response simulated the subjective out-of-body experiences reported by patients undergoing resuscitation, our simulation suggests the potential use of magnetic fields as an adjunct to resuscitative procedures in the Emergency Room [4]. Moreover, this type of simulation can provide the basis for the application of scientifically based scrutiny to other types of "metaphysical" phenomena

On the basis of our previous experimental results we hypothesized that the electromagnetic replicate was initially located in the visible electromagnetic spectrum but then faded into the non-visible portion of the electromagnetic spectrum. To test this hypothesis, the next series of studies were carried out in an enclosed container in order to trap the transparent replicates in a simulated "Afterlife". As a further test we placed two sets of 4 deep well slides in the container. One set was filled with previously boiled and filtered cell free protozoan media. The other set of 4 contained chlorinated tap water. All slides were sealed with snap covers. Microscopic examination after 24-48 hours showed 3 of the 4 sealed deep well slides showed mobile transparent dwarf cells identical to the repli-

cate that had faded [2].

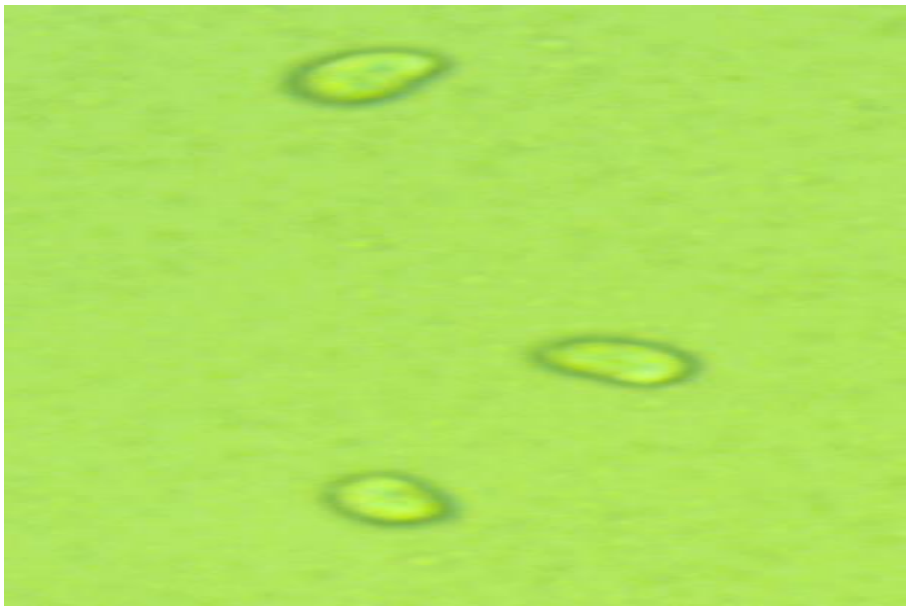

Figure 2: Examples of transparent "ghost" like cells that were found in the sealed deep well slides containing the cell free protozoa media

None of the slides with tap water contained these cells [5]. Microscopic follow-up of the "ghost-like," apparently empty cells noted a consistent behavior which included the development of inclusions within the cells so that they took on the morphology of the originally studied Dwarfs [2]. After several days these cells became senescent, e.g., they lost mobility.

Discussion

Major findings

We have demonstrated that a living organism can survive organic cell death by producing an electromagnetic replicate that can be released and retained in the ambient environment simulating the "afterlife." Moreover, these organically empty electromagnetic cells can choose to resume active life forms by teleportation into a sealed favorable culture media. Subsequently, these transparent cells can be transformed by accruing inclusions thereby recapitulating their initial organic life cycle leading to encystment.

Background

As alluded to in the introduction, the concept of life after death has been the subject throughout the ages. Most recent studies of the Near Death Experience (NDE) hs been described by as many as 27% of persons at the life/death interface. The initial description of NDE's was the seminal contribution of Dr. Raymond Moody in 1975 [6]. However, these subjective reports have not been studied by objective, scientifically directed methods. Our series of scientifically performed studies in a living organism demonstrated that death based on metabolic energy can be surplanted by an electromagnetic energy source to sustain and maintain life after death. Other remarkable attributes displayed by these electromagnetic survivors are faculties previously thought to be the exclusive properties of organisms possessing a brain [7]. The ability of the cell without a brain to choose to leave the ambient environment, to enter a favorable rather than a toxic solution clearly indicates free will and consciousness. These actions align with the hypothetical concept of panpsychism. Panpsychism is defined as the view that consciousness and other forms of mentality are fundamental and ubiquitous in the natural world [8]. Regarding other forms of mentality,

once established in a favorable environment, the organism remembered its original life cycle as it transformed from the electromagnetic back to the organic status by accruing inclusions. The latter conformed to the first Law of thermodynamics, energy can neither be created or destroyed but can be transformed. Finally, it should be noted that throughout the survival phase, the electromagnetic cell movement was via teleportation as described previously in unicellular organisms across physical barriers [9].

Implications

Extrapolating the present observations to biological organisms in general, we hypothesize that all living cells contain 2 separate energy sources, metabolic and electromagnetic that sustain life. Support for this view is the finding that bacteria found in deep sea mud survive using only electric energy [10]. It is interesting to consider that viruses which lack metabolic ability can survive for long periods in the ambient environment until they find a host to infect suggesting an non-metabolic source for their maintenance.

Conclusions

The present studies proceeded from previous findings which showed that dwarf Stentors subjected to a toxic environment resulted in loss of mobility and apoptosis, i.e., cell death. A transparent replicate of the dead cell emerged and, after fully formed, faded from view. The present study demonstrated that from an enclosed ambient environment the transparent dwarf form could re-enter a favorable medium. Experiments using magnetic plates showed these organisms were electromagnetic. Moreover, they accrued inclusions, became senescent and encysted. We hypothesized that these unicellular cells consisted of metabolic and electromagnetic energetic forms that could be separated at the life/death interface and returned from the ambient environment after death as living cells based on electromagnetic energy.

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References

1. Heaven and the Afterlife (2023) what awaits us? Time Magazine.

2. Scherlag BJ (2017) The Life Cycle of Dwarf Stentors, Lett Health Biol Sci 2: 45-7.

3. ScherlagBJ, Scherlag RA, Elkholey K, Jacobson JI (2019) Replicate Separation from Dead Dwarf Cells of Stentor coeruleus. Biosystems, 181: 27-30.

4. Scherlag BJ, Scherlag RA, Elkholey K, Dasari T (2020) Reversal of Cell Death in the Laboratory: Reversal of clinical death in the Emergency room. Arch Emerg Med Inten Care, 3: 21-5.

5. Scherlag BJ, Scherlag RA, Dasari T, Po SS (2023) The Dual Energetic State of Living Organisms: Life. death and restitution. Microbiol and Infect Dis, 3: 1-3

6. Moody R (1975) Life after Life- the investigation of a phenomenon-survival of bodily death, Mockingbird Books. Atlanta.

7. Crick FC, Koch C (1995) Are we aware of neural activity in primary visual cortex? Nature 375: 121-3

8. Chalmers DJ. The combination problem for panpsychism. In (G. Bruntrup and L. Jaskolla, eds.) Panpsychism. Oxford University Press.

9. Scherlag, Benjamin J, Khaled Elkholey (2018) Teleportation of Unicellular Plants across Physical Barriers. 4: 496.

10. Nleeilsen LP, Risgaard-Petersen N, Fossing H, Christensen PB, Sayama M (2010) Electric currents coupspatially separated biogeochemical processes in marine sediment. Nature, 25: 1071-4.

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