

A New Source of Energy Present in Plants and Animals

Scherlag BJ, Scherlag RA, Sunny S. Po and Dasari TW

Department of Internal Medicine, University of Oklahoma Health Sciences Center, Oklahoma City, U.S.

Corresponding Author: Scherlag BJ, University of Oklahoma Health Sciences Center, Cardiovascular Section Department of Internal Medicine, Oklahoma City, U.S, **Email ID:** benjamin-scherlag@ouhsc.edu

Received Date: 26th June 2023; **Acceptance Date:** 30th June 2023; **Published Date:** 5th July 2023

Copyright: © 2023 **Scherlag BJ et al.** This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Abstract

Introduction In previous studies we described the release of a replicate cell from a moribund dwarf cell of the Genus and species, *Stentor coeruleus* into the ambient environment. Furthermore, when presented with a favorable, cell free medium, these active dwarf cells reappeared. Evidence was presented that suggested that these dwarfs were electromagnetic organisms. **Methods:** Magnetic plate (3975 Gauss) and non-magnetized plate of the same size were placed on a stone table 10 inches apart. Two strips of aluminum foil were placed under each plate with connectors to serve as electrodes. A Voltmeter was then connected to the electrodes to read any voltage across the plates. **Results.** Investigators placed hands on the non-magnetic plate causing a significant registration of an alternating current (AC) compared to background (no hands on). **Conclusions:** Recently a new concept has been formulated called the Biofield incorporation all emissions derived from the human body, Besides the well-known ECG and EEG, heat, electromagnetic and light have been detected mostly using highly sophisticated technologies. We describe a novel but simple method using a electromagnetic to detect and quantify the AC voltage associated with the hidden energy source previously undecribed in the Biofield literature.

Key words: Electromagnetic gradient; Alternating current; Duality theory; Biofield

1. Introduction

Photosynthesis and aerobic metabolism are the basic sources of energy for plants and animals, respectively. In a recent series of experiments, we have discovered another source of energy for powering plants and animals. In unicellular cells of *Stentor coeruleus* undergoing apoptosis, cell death we have demonstrated the release of a transparent replicate which fades into the ambient environment [1]. On the other hand, the application of a magnetic field induces a return of the replicate and restores the mobility of the moribund cell [2]. The replicate cells were repeated in an enclosed holding, sealed deep well slide with cell free protozoa medium. Within 24 hours these slides contained mobile dwarfs which were transparent, i.e., no inclusions, like the replicates released to the ambient environment [3]. Ancillary experiments consisted of placing a strong plate magnet on the top of the enclosed initially which prevented the appearance of the dwarf cells the next day [3].

These experiments revealed the electromagnetic nature of the returning dwarf cells. Further evidence for the duality of these cells was observed in the succeeding day in which the cells accrued inclusions and followed the course of the initial cell. life cycle, becoming senescent and encysting [4] In the present study we have provided confirmatory evidence that living organisms display 2 forms of energy without experiencing the life/death experience.

2. Methods

A magnetic plate (3975 Gauss) and non-magnetized plate of the same size were placed on a stone table 10 inches apart. Two strips of aluminum foil were placed under each plate with connectors to serve as electrodes. A voltmeter was then connected to the electrodes to read any voltage across the plates.



A

B

C

Figure 1: A. A magnetic plate (right) and a non-magnetic plate were attached through a voltmeter. B. When the switch was moved to alternating current (AC) a background current of .0126 volts was registered. C Investigator placed both hands on the non-magnetic plate. AC current increased to .0306. DC current was zero (not shown).

3. Results

Table 1: shows the AC voltage that was registered when several background measurements were taken Column 1 (n=6).

	AC (volts) Derived from Living Organisms		
Exp #	backend	Hands On	Plants
1	0.0019	0.0589	0.0093
2	0.0015	0.0648	0.0031
3	0.0009	0.0687	0.0027
4	0.0007	0.0567	0.0031
5	0.0012	0.0456	0.0021
6	0.0011	0.0562	0.0032
Average	0.0012	0.0585	0.0039
SD	0.0004	0.008	0.0003
p-value		>0.05	>0.07

In column 2 are the measurements made when separate investigator’s hands were placed on the non-magnetic plate. The average of column 2 was significantly greater than the average in Column 1, $p < 0.05$. When a potted plant was laid across the non-magnetic plate for several iterations the average AC value (column 3) was not significantly greater than the average AC current of the background. (Column 1, $p > 0.07$).

4. Discussion

Background

The human body emits low-level light, heat, and acoustical energy; has electrical and magnetic properties; and may also transduce energy that cannot be easily defined by physics and chemistry. These emissions are part of the human energy field, also called the biologic field, or biofield [5]. Measures of the human biofield have included electro cardiology and

electroencephalography. Other measuring methods have included thermography, detecting heat emitted from the human body [6]. A substantial body of research exists on ultra-weak light emission from various organisms [7] including humans. This type of energy is at an extremely low level, but it can today be accurately measured with sophisticated instrumentation such as photomultiplier tubes that is customized [8]. Other seeking to measure images like those derived from Kirlian photography have been used by Russian investigators called Gas discharge visualization (GDV) [9]. In the present report, we describe another method measuring the biofield consisting of manually contacting an electromagnetic gradient (magnetic plate to non-magnetic plate). Substantial electromagnetic energy in the form of alternating current was detected from the human body through the hands. In the context of quantum physics, both a particle state and a waveform state are necessary to fully describe the nature of matter at the smallest scale or in this

case in the macroscopic domain. We hypothesize that living organisms are an entangled state consisting of physical (particle) and electromagnetic (waveform) components. These components can be dissociated under specific conditions, i.e., life/death interface [1]. The present experiments demonstrate that an electromagnetic energy source in living organisms can be detected and measured as a new biofield emission using a novel, yet simple method.

What are the scientific implications of our recent experimental findings?

Teleportation is defined as travelling from one point to another without physically crossing the distance between the two points. Paranormal literature is replete with the existence of a spiritual world that coexists with the physical world. From the earliest times, there has been a belief that the soul exists beyond the understanding and reach of scientific investigation. In previous reports we have provided experimental evidence which simulates the well-known paranormal experiences of the Near-Death (NDE) and Out-of-Body (OBE) in living organisms at the life/death interphase [1-3]. Organisms that can exist as pure energy without metabolism. In previous studies we exposed our newly discovered dwarf cells to a toxic solution. Transparent replicates of the dead cell emerged which faded into the ambient environment. We suggested that these cells were electromagnetic since they contained no inclusions and were in the visual portion of the electromagnetic spectrum [1]. Confirmation of this hypothesis came from additional studies in which transparent dwarf cells appeared in a favorable cell free medium when the faded dwarfs were previously enclosed in ambient environment [3]. Further confirmation of organisms that can live on pure energy have been found in electric bacteria living in the mud taken from the ocean depths [10, 11].

5. Conclusions

Using a novel method consisting of an electromagnetic gradient between a plate magnet and a similar plate that was non-magnetic, we were able to measure the AC voltage emitted from the hands of different subjects which was significantly greater than background values. Plants similarly showed greater differences than background values but did not reach significance. We suggest that these electric emissions represent a new form of biofield not previously described which represents another energy source other than the accepted energy derived from metabolism. In accordance with principles of Quantum theory, (in the macroscopic domain) consist of an entangled metabolic (particles) and electromagnetic (waveform) energy states. Our previous studies in unicellular organisms show that these states can be

separated at the life/death interphase.

Funding Source: Supported by an unrestricted grant from the Helen and Wilton Webster Foundation through the Oklahoma Research Foundation

Conflict of Interest: None

6. References

1. Scherlag RA, Elkholey K, Jacobson JI. Replicate separation from dead dwarf cells of *Stentor coeruleus*. 2019; 181: 27-30.
2. Scherlag BJ, Sahoo K, Embi AA. Replicate Imaging of a Unicellular Plant through a Glass Barrier Using Fine Iron Particles: Evidence for Electromagnetic Energy. *Lett Health Biol Sci* 2017;2: 82- 85.
3. Scherlag BJ, Scherlag RA, Dasari T, Po SS. The Dual Energetic State of Living Organisms: Life. death and restitution. *J Environ Sci and Ecol*.
4. Scherlag BJ. The Life Cycle of Dwarf Stentors. *Lett Health Biol Sci*. 2017; 2: 45- 47.
5. Rubik B. The Biofield Hypothesis: its biophysical basis and role in medicine, *J Altern Complement Med*. 2002; 8: 703-717.
6. Amalu et al. Infrared imaging of the breast and overview. In Bronzino J D, editor: *The biomedical engineering handbook*. Medical Devices and Systems. 2006.
7. Cohen S, Popp FA. Biophoton emission of the human body, *J Photochem Photobiol B Biol*.1997; 40:187.
8. Wijk VR, Van Wijk EPA: An introduction to human biophoton emission, *Forsch Komplementarmed Klass Naturheilkd*. 2005; 12: 77.
9. Korotkov KG, Popechitelev EP. [Method for gas-discharge visualization and automation of the system of realizing it in clinical practice]. 2002; 1: 21-25.
10. Brahic C. Meet the electric life forms that live on pure energy *New Scientist*. 2014.
11. Neilsen LP, Risgaard-Petersen N, Fossing H, Christensen PB, Sayama M. Electric currents couple spatially separated biogeochemical processes in marine sediment. *Nature*. 2010; 463: 1071-4.