

Will Microvita Science Overthrow Materialism?

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Abstract

A newly proposed laboratory experiment for the creation of life in a test tube, based on the new concept of microvita emanated by a cosmic mind, may reverse the dominance by materialism in science and society today. Microvita are described as subtle subatomic living entities that spread life and minds in the universe. Billions of microvita form carbon atoms. Radioactive atoms may release DNA or RNA-encoding microvita to create viruses and then living protozoic cells in the proposed experiment. A positive experimental result will have revolutionary positive implications for science and human evolution. These implications are discussed here.

Introduction

In the scientific world today, the triumph of materialism seems nearly complete. In cosmology, the universe is said to be created out of nothing. In physics, matter is described as only organized energy. In biology, life is explained as growing, competing and reproducing complex groups of molecules. In psychology, thoughts, feelings and consciousness are explained as the results of physical nerve cell activities and endocrine cell chemical secretions. Individual souls and fundamental human values and rights have become practically irrelevant in materialist ideologies. The dominating materialist philosophy of matter, life, mind and consciousness is being carried over from science to society as well. Religions are in disarray and decline as being scientifically irrelevant. Their scriptures about creation, the origin and development of life and the value of human beings have been undermined by scientific, industrial and technological advances that are based on a materialistic, naturalistic, God-free, survival-of-the-fittest view of life in the universe. The desires of various social and political groups for ever greater wealth, power and social control dominate social, political and economic life in the world today. In a materialism-dominated worldview, world wars, economic depressions and other global depopulation schemes become tools to achieve social dominance and totalitarian control of the Earth by wealthy and powerful individuals and groups espousing and dominated by such materialistic philosophies.

Prabhat Ranjan Sarkar on Materialism and How to Overthrow It

Here is one of P.R. Sarkar's comments about materialism: "The greatest drawback of materialistic thought is that materialists think that this visible world is the ultimate reality. They

deliberately refuse to understand that their existence is completely transient, subject to time, space and person. They deliberately refuse to turn their eyes towards the original causal entity of the world, in whose body the rhythms of changes appear and disappear. Matter resides in energy and energy resides in thought; energy begets matter and thought begets energy. Rejecting this simple, obvious truth, their palsied minds cannot face all problems with courage. Thus, they become avidyá's (the extroversive force of creation) slaves by worshipping transience as eternity, impurity as purity, sorrow as happiness, and self-ignorance as self-consciousness. Truly speaking, any molecule, atom, electron or proton which is taken to be the fundamental stuff of this world, is but the manifestation of energy, for matter is nothing but bottled-up energy. But energy is not an original entity either; it is simply consciousness under the bondage of Prakrti (the creative power of Supreme Consciousness). Hence for the true comprehension of the essence of matter one must accept the theory of Brahma (the Supreme Entity) composed of Puruśa (infinite Supreme Consciousness) and Prakrti (the infinite creative power of Supreme Consciousness). Whether He (the Supreme Entity) is considered in His all-pervasive aspect or in any of His individual aspects, His Macrocosmic State manifests the same characteristic that is manifest in His individual aspect also." (1)

In this era of global social, political and religious degeneration and decay, Prabhat Ranjan Sarkar emerged as a beacon of light and hope for creating a new society manifesting all-round progress for all living beings, based on implementing cardinal human and spiritual values of life. On the socio-economic level he introduced PROUT (Progressive Utilization Theory) for a balanced, decentralized society based on economic democracy. On the human values level he introduced neohumanism to guide humanity with a vision of human society as part of a universal family of all living as well as inanimate beings, guided by a loving cosmic progenitor. On the spiritual level he introduced a complete system of spiritual practices and spiritual philosophy called Ananda Marga ("the Path of Bliss") for the attainment of the highest spiritual goal of life. On the scientific level he introduced the concept of microvita—to create a scientific and technological revolution that would help overthrow materialism and replace it by cosmic social and spiritual values of life.

Microvita

In 1986, P. R. Sarkar (2) introduced the concept of microvita, subtle subatomic living entities created by a Cosmic Mind, that produce life and minds throughout the universe. He elaborated the concept of microvita in a series of discourses, collected as *Microvita in a Nutshell*. (3) Research on microvita in physical and mental laboratories will lead to the transformation of society into a "microvita age" where science and technology are applied for the progress and happiness of all. P.R. Sarkar briefly described this microvita age: "According to the modern biologist, protoplasmic cells are made of carbon atoms, but in the microvita age the biologist will say that the protoplasmic cells are not made of carbon atoms, rather they are the collective solidified form of innumerable microvita. By controlling the microvita of the protoplasmic cells, big changes can be effected within the human body. Ordinary people can be made extraordinary.

Their mental qualities and capabilities can be enlarged by supplying microvita in sufficient quantity. That is to say, the theory of microvita has immense potentialities in introducing numerous changes in human society. By changing microvita, ectoplasmic changes will come which in turn will bring about endoplasmic change, and thus the mind will be able to control the organism, the physical body, in a better way.” (4)

Regarding research on microvita, P. R. Sarkar stated in his first discourse on microvita: “Now, there should be extensive research work regarding these microvitum or these microvita. Our task is gigantic and we are to start our research work regarding these microvita immediately without any further delay. Otherwise, many problems of modern society won’t be solved in a nice way... I think, rather I hope, rather I am sure that that day is sure to come when human beings will have proper control over these microvita.” (2)

A Microvita and Radioactivity Experiment for the Origin of Life

A recent experimental proposal, based on the concept of microvita (see the Appendix 1), is to test the hypothesis that living protozoic cells can be created in a test tube containing suitable sterile chemicals, in the presence of an external shielded radioactive material, in what would appear to be spontaneous generation of life from non-living materials. The positive appearance of protozoic cells in a well-controlled microvita radioactivity experiment could however be explained by the action of microvita. Chemical atoms are composed of billions of microvita, according to P. R. Sarkar. These microvita carry detailed codes for DNA or RNA, the chemical codes of life, and are “awakened” and released from radioactive atoms. These awakened microvita expand and develop into molecular RNA or DNA-carrying viruses which construct the living protozoa predicted in the proposed experiment. Various implications of a positive outcome to the proposed experiment are summarized in this article.

What Would Constitute a Positive Outcome in this Experiment?

1. Various types of living protozoic cells (bacteria and archaea and perhaps simple eucaryotic cells) will form in a sterile test tube containing chemical building blocks and certain other minerals, in the presence of an external radioactive material.
2. In a suitable, well-controlled experimental design, these protozoic cells are expected to form from the clear sterile chemical solution in a matter of minutes, fully alive and functioning, within the viewing/video-recording field of a suitable microscope, when a shielded radioactive material is brought nearby, outside the sterile test tube. These protozoa will not form in the absence of a nearby radioactive material.
3. The protozoa formed in the test tube will be the same or similar to the types of protozoa that appeared early in the Earth’s history and still exist today.

Implications of a Positive Experimental Outcome

1. It is not nuclear radiation such as alpha rays (helium nuclei), beta rays (electrons) or gamma rays (photons) from the radioactive materials that produces these protozoa, because these radiations are shielded in the experiment, but microvita released from radioactively-decaying atoms. Microvita are subtle subatomic entities that can pass through radiation shielding as well as glass.
2. Awakened RNA- or DNA-code-carrying microvita are released from radioactive atoms, and expand to form physical viruses that contain molecular RNA or DNA formed by the awakened microvita. Separate experiments can be done with an electron microscope to check for the appearance of these viruses, which normally are too small to be seen in a light microscope. Some of these physical RNA- or DNA-carrying viruses created the protozoic cells that appeared in the test tube of sterile chemical components.
3. Because radioactive atoms existed throughout most of the universe's history, they could have produced protozoic life throughout the universe. The same or similar protozoa, having the same DNA-coding system as on Earth, would be produced from radioactive atoms releasing microvita in similar chemical and energetic conditions anywhere in the universe.
4. The protozoa appear in the present experiment as they would have appeared in the early Earth's hot ocean that formed 4.4 billion years ago. Different types of bacteria could appear in test-tube chemical solutions of different temperatures. In the early Earth, protozoa could have formed in relatively stable hydrothermal vents on the ocean floor, transmitting liquids from within the Earth, where there were radioactive materials along with chemicals undergoing energy-producing chemical reactions in and near the hydrothermal vents. (The Earth was formed about 4.56 billion years ago.)
5. Other possible locations for the origin of Earth's earliest protozoa would be on, inside or near volcanos spewing out radioactive magma 4.4 billion years ago, or beneath the ocean, inside the Earth's relatively new solid crust, where energy-yielding chemical reactions occur alongside radioactive reactions.
6. A new experimental field of microvita biology, or microvitology, will need to be created to research the various conditions under which protozoa can be produced from microvita through radioactivity and chemical reactions.
7. A new system for writing chemical formulae will be needed that will include the numbers and types of microvita in the atoms contained in different chemical samples.

8. The effect of microvita on the evolution of species as well as the origin of protozoa will need to be investigated, since DNA or RNA-carrying microvita are expected to influence the evolution of species as well as the origin of life. New alternatives to the present neo-Darwinian evolutionary theory of random mutations and natural selection will have to be considered.
9. Hypotheses for how DNA- or RNA-code-carrying microvita produce atoms and are also released from atoms will have to be developed and tested to help explain the results of positive outcome experiments.
10. With the microvita origin-of-life approach, there may not have been just one or just a few living protozoic cells first produced on the Earth from which all other cells evolved and spread. This is because the earliest living cells on Earth are being created by microvita released from different radioactive atoms in suitable chemical environments around the Earth, and not from just one or a few first cells. Since chemical atoms exist throughout the universe, all microvita released from atoms anywhere in the universe are likely carrying coded-DNA and RNA that use the same genetic code found in all living beings on Earth.
11. Would a positive experimental result indicate that spontaneous generation has occurred? Spontaneous generation is defined as “the supposed production of living organisms from nonliving matter, as inferred from the apparent appearance of life in some supposedly sterile environments.” A positive outcome of the present experiment would seem to meet this definition. Most origin-of-life researchers expect some form of spontaneous generation, now called “abiogenesis” to have occurred to form the first life on the Earth from non-living chemical building blocks. But if microvita that are released from radioactive atoms caused the positive results in the proposed experiment, then the concept of “nonliving matter” may have to be reconsidered, if all atomic matter is understood to be composed of microvita, which are subtle subatomic living entities. Then the principle of Louis Pasteur that “life only comes from life” or “*omne vivum ex vivo*” would also be followed in the case of a positive experimental outcome.
12. Questions about the origin of microvita themselves may arise. The idea that microvita are creations of a Cosmic Mind, as described by P. R. Sarkar, could be considered as a possible explanation for the origin of microvita composing atoms, among other explanations. The question “How did the Cosmic Mind create microvita carrying the universal genetic code?” would then arise.
13. If the microvita explanation for the formation of protozoic cells in the experiment, using “awakened microvita” released by radioactive atoms, is not accepted by some scientists, then they or others will need to propose alternative hypotheses for the origin of the protozoa’s cellular DNA and RNA that is somehow coded in radioactive atoms. Then

further experiments will be needed to test these various alternative hypotheses to explain the positive experimental result.

14. Questions about the meaning, purpose and goal of human life, though not strictly scientific questions, may find satisfactory answers when microvita are considered in the context of a consciousness-based theory of the universe, as described by P. R. Sarkar. Such questions are often considered meaningless in a materialistic description of our universe only in terms of matter and energy.

15. The answer to humanity's long-sought search for the "secret of life" may be microvita.

Summary

The actions of microvita, if demonstrated practically in a laboratory setting, would constitute a great blow to the philosophy of materialism that is dominating science and society in the world today. There would be many important implications, both for science and society, of a positive outcome to the proposed microvita and radioactivity experiment or any other definitive positive outcomes to experimental tests of microvita hypotheses. Experimental researchers interested in developing a new paradigm in science and in overthrowing the current choke-hold that materialistic philosophy has over science and society today are encouraged to look into researching the concept of microvita, and particularly the present experimental proposal. Materialism-supporting experimenters are also invited, who, due to the possible implications of a positive experimental result, might like to try to discredit the revolutionary idea of microvita by undertaking experiments such as the one proposed here, with carefully controlled experiments that will minimize the chance of a "false positive" result. The experimental goal is to get clear experimental outcomes, either positive OR negative, where, under carefully controlled experiments, a variety of experimental approaches to establishing the possible existence of microvita may be carefully tested and implemented.

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Appendix 1. The Proposed Experiment

Can Radioactivity Create Living Cells? A Proposed Experiment to Test for Microvita in the Origin of Life

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Abstract

Can radioactive atoms in a sealed test tube create living cells in a second sealed, sterile test tube containing chemical building blocks of life? This question may be answered in the affirmative by experiments designed to test a new scientific hypothesis about the origin of life, based on the ideas of a modern spiritual master. The hypothesis to be tested is based on the concept of microvita, subtle subatomic living entities that spread life and minds throughout the universe. Microvita were introduced in India by the guru of Ananda Marga, Prabhat Ranjan Sarkar, in 1986.

Keywords: *microvita, virus, radioactivity, life*

Introduction

In 1986, Prabhat Ranjan Sarkar introduced the subject of microvita for the first time in a discourse “Microvitum—the Mysterious Emanation of Cosmic Factor”. (1) He explained that microvita are subtle, sub-atomic living entities that move throughout the universe, creating minds and bodies, and also spreading diseases. He said that there are positive and negative, as well as neutral, varieties of microvita, and they have three different levels of subtlety. They move through physical and psychic media, and play various roles in the evolution of life and mind. He elaborated his microvita concept in a collection of discourses called *Microvitum in a Nutshell*. (2)

After more than 35 years, no objective scientific tests have confirmed the microvita concept. This article proposes a new experimental approach for testing a specific microvita hypothesis about the origin of living cells. If the proposed experimental approach is carefully implemented

and yields a positive and confirmed outcome, this would greatly accelerate scientific research on microvita and would also significantly advance origin-of-life research in general.

According to P.R. Sarkar, microvita are emanated by the Cosmic Mind. Billions of microvita compose a carbon atom and other atoms. In the author's experimental hypothesis, natural nuclear fission of radioactive atomic nuclei, for example in Carbon-14, awakens and releases some microvita from the atoms. According to P. R. Sarkar, microvita awakened from atoms in an explosion at the atomic level carry genetic codes from the Cosmic Mind for constructing DNA or RNA molecules. The released microvita can travel through various physical media such as glass. They expand to produce viruses containing DNA or RNA molecules. These viruses may then create living cells in a suitable chemical environment.

The basis of the experimental hypothesis

Here are several statements about microvita, based on P. R. Sarkar's statements, that underlie the present experimental hypothesis.

1. A cosmic mind emanates microvita, some carrying information codes for DNA and RNA, the genetic chemicals of life.
2. Billions of microvita form chemical atoms.
3. Explosions at the atomic level in a chemical solution "awaken" some microvita in these atoms.
4. Awakened microvita carrying DNA or RNA codes expand to form viruses carrying molecular DNA or RNA.
5. This DNA or RNA in viruses, which are actually awakened microvita, can then become active.

Several quotations below from Prabhat Ranjan Sarkar about microvita, obtained from one of his associates *Acharya Vimalananda Avadhuta* and which were included in my 1988 book "*Microvita - Cosmic Seeds of Life*", (3) are given below. These quotations have been used in addition to P.R. Sarkar's published discourses about microvita to develop the experimental hypothesis proposed to be tested about microvita and the origin of life.

1. "When solid matter explodes at the atomic level, billions of microvita that have solidified to form the atom may awaken. Microvita are dormant in the atom and very small. When jadasphota (matter explosion) occurs, microvita awaken and take on a different structure. If the environment is changed, microvita change to suit the environment. That is how a tiny microvita can change and become so large that it can be seen through a microscope."

2. “Microvita when awakened develop a personality that depends upon the environment. If jadasphota takes place in a solution of Fe_2O_3 you will get one structure. The structure will be different in different environments. If it is in another structure such as Fe_3O_4 it will be different. As the environment will affect the structure of microvita, that structure will keep changing as microvita move through different environments.”
3. “When a microvita has been awakened and enters a cell, a virus adapts to the environment of the cell. You get a virus when a microvita has entered a cell and developed.”
4. “The RNA and DNA of a particular virus is unique to that virus. Particles of Cosmic Citta (Objective Cosmic Mind), when microvita are emanated from Cosmic Mind, already contain the information for RNA or DNA. This information is there but not seen until microvita is awakened, and when it is in virus form then we can detect it.”

Jadasphota / Radioactive decay

P. R. Sarkar’s use of the word “jadasphota” (“matter explosion”) in the statements above, has been interpreted in the context of a chemical solution, to mean “radioactive decay”. To see why, let us look closer at the quoted sentences above.

Compare the sentence “When solid matter explodes at the atomic level, billions of microvita that have solidified to form the atom may awaken.” with the second following sentence: “When jadasphota occurs, microvita awaken and take on a different structure.” It is clear in this context that the phrase “When jadasphota occurs” has the same meaning as “When solid matter explodes” because the Sanskrit word jadasphota literally means “matter explosion”. P.R. Sarkar’s usual use of the term “jadasphota” in other contexts is for a huge explosion of a celestial body (like a supernova explosion.). He also said that jadasphota can occur gradually, in the “wear and tear” of material objects. In a later sentence above we have “If jadasphota takes place in a solution of Fe_2O_3 you will get one structure”. How can jadasphota at the atomic level occur in a chemical solution? A reasonable interpretation is that jadasphota at the atomic level means the radioactive decay of an atom, which is the splitting or fission of the nucleus of the atom, with the release of energetic smaller particles.

With this interpretation of jadasphota, radioactive atoms release awakened microvita during radioactive decay, in addition to producing energetic physical particles. Now look at the last two quotes: “When a microvita has been awakened and enters a cell, a virus adapts to the environment of the cell. You get a virus when a microvita has entered a cell and developed.” and “The RNA and DNA of a particular virus is unique to that virus. Particles of Cosmic Citta (Objective Cosmic Mind), when microvita are emanated from Cosmic Mind, already contain the information for RNA or DNA. This information is there but not seen until microvita is awakened, and when it is in virus form then we can detect it.” These sentences help motivate the

proposed experimental test for evidence of microvita, and also explain the origin of DNA and RNA found in biological cells, which up to now has been an unsolved scientific mystery.

Putting the above ideas together leads to an experimental hypothesis and prediction: Radioactive atoms will release some microvita carrying coded DNA or RNA information. These microvita will expand and develop into viruses with detectable molecular DNA or RNA. These viruses in a suitable chemical environment will generate living cells which can be detected and analyzed. If no other valid explanation for the appearance of living cells in a suitably-controlled experiment to test this hypothesis and prediction can be found, it can be reasonably concluded that radioactive decay (with the release of microvita carrying coded DNA or RNA information) led to the formation of these cells.

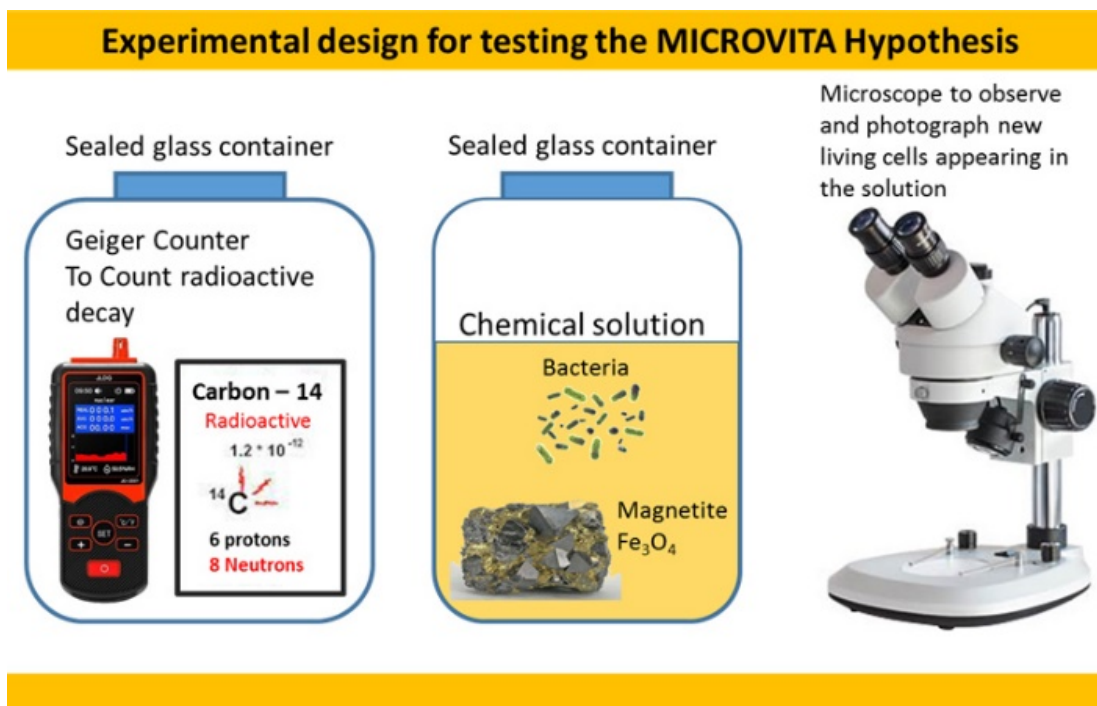


Figure 1. *Proposed experimental design (simplified) for testing the microvita hypothesis for creating living protozoic cells from radioactive atoms.*

In the simplified experimental design in Figure 1 above, a small piece of radioactive material containing carbon-14 and a Geiger counter are in a sealed glass container next to a separate sealed glass container holding a piece of sterile magnetite (Fe_3O_4) in a sterile solution of atoms and molecules: C (Carbon), H_2 (Hydrogen), N_2 (Nitrogen), O_2 (Oxygen), P (Phosphorus) and other simple molecular building blocks contained in many protozoa. Assume that every time there is a radioactive decay of a carbon-14 atom (as measured by a recorded “click” from the Geiger counter next to the radioactive material), one or more single living bacteria or other protozoic cells appear in the solution or on the piece of magnetite and is filmed by a video camera. The living cells produced by the radioactive decays may be a different species each time. Let us assume that the proposed radioactive-atom origin-of-life experiment regularly comes out positive, i.e. that radioactivity-related bacteria or other protozoic cells regularly emerge in the

solution. Assume that these results are genuine and repeatable, and all sources of bacterial contamination in the experiment have been ruled out. With no other rational explanation for the appearance of bacteria or other protozoa in the second container that are associated with radioactive decays in the first container, the microvita hypothesis for the origin of the bacteria or other protozoa in the second container from the radioactive decays in the first container would have to be accepted.

Conclusion

Confirmed positive results in the proposed experiment will both support the microvita hypothesis for the creation of living cells, and create a new experimental and theoretical paradigm for studying the origin of life. Currently there is no accepted scientific evidence supporting the existence of microvita. There is also no evidence so far that the DNA or RNA in living cells evolved naturally.

Proposed by P.R. Sarkar in 1986, microvita are living entities emanated from an infinite cosmic mind, itself produced by an infinite supreme consciousness. A positive outcome in the proposed experiment will severely challenge the current materialistic paradigm underlying modern biological research, and current scientific research generally. Since scientific worldviews also impact society, a new scientific paradigm based on microvita and their origin from cosmic mind and supreme consciousness could have a large effect on human society and its values as well.

Summary

The proposed experimental hypothesis predicts that microvita released from radioactive atoms will create viruses and then living cells in the specified or a similar laboratory set-up. The appearance of living cells under controlled conditions in the proposed experiment would support the microvita hypothesis, in the absence of any other reasonable explanations for the appearance of living cells in the experiment. The hypothesis tested is based on P. R. Sarkar's explanations about microvita. Billions of microvita form atoms. Microvita are liberated from atoms by radioactive decay. These microvita construct physical viruses containing genetic information (DNA or RNA) and other virus molecules needed for the viruses to create living cells in a suitable environment. In the proposed experimental setup, radioactive decays in one sealed container are predicted to correlate with the appearance of living protozoic cells in a separate sealed and sterile container holding Fe_3O_4 (magnetite) and a mixture of simple chemicals that are ingredients for living cells.

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Appendix 2. Information coordination for microvita radioactivity experiments

An Indian organization the Society for Microvita Research and Integrated Medicine (SMRIM) has agreed to coordinate and distribute information about the proposed experiment that may be carried out in different parts of the world. Their letter of agreement to this effect is attached.



SOCIETY FOR MICROVITA RESEARCH AND INTEGRATED MEDICINE (SMRIM)

Registered under Societies Registration Act 28,1958 (Raj.) No. 73/UDR/08-09

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Ref. No.

Date: 22.06.2022

POTENTIAL MICROVITA RESEARCHERS

Dear Sir or Madam,

The Society for Microvita Research and Integrated Medicine (SMRIM), Udaipur (<http://microvitamedresearch.com/index.html>) has been working since 2008 to understand and apply the concept of microvita, introduced in 1986 by Prabhat Ranjan Sarkar. We have been publishing articles about microvita and related research in our Bulletin on Microvita Research and Integrated Medicine (BOMRIM, <http://microvitamedresearch.com/OfficialBulletin.html>) since March 2009.

Now a proposal has been made to experimentally test for evidence of the existence of microvita by testing for the formation of protozoa from a mixture of chemical building blocks in a sterile solution, in the presence of an external radioactive source that may release microvita into this solution and form protozoa by their actions. We expect that a number of university research groups around the world will be looking into developing experiments to test this idea over the next several years. We are pleased to become an information clearinghouse for such research efforts as they develop and progress.

SMRIM is very pleased that researchers at your university or research facility are considering participating in this microvita research experiment. We fully support safe and careful research in this novel research area. If you choose to undertake the kind of laboratory research described in the article by Dr. Richard Gauthier "An Experimental Test for Microvita in the Origin of Life", going to be published in our August 2022 issue of Bulletin on Microvita Research and Integrated Medicine (BOMRIM), and which is also attached below, you will have SMRIM's best wishes and full cooperation. We request that you keep us informed of your progress in planning and carrying out the experiment, and sharing with us aspects of your experimental arrangement that you think fitting for a successful, well-controlled experiment. The implications of a positive outcome in the experiment are enormous, including a likely Nobel Prize for the first research team that has repeatable, well-controlled, successful and confirmed published experimental results in this experiment. From our side, we will try to answer your questions about microvita that may arise, with the understanding that there are still many unanswered questions about microvita. Our main source of information about microvita is P. R. Sarkar's book of collected discourses *Microvitum in a Nutshell*, plus whatever practical knowledge we have gained about microvita over the years. We will also keep you informed of other efforts around the world to undertake and carry out this microvita research experiment. We will act as informal partners in your research on microvita. We are not undertaking any legal or monetary obligations with your organization in this cooperative arrangement.

If you choose to go ahead with this microvita research project, we request that you keep us informed. We will use our newsletter to share with our international readers any news or other information about the project that you give us for this purpose.

Yours Sincerely,

Dr. S.K. Verma

President

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