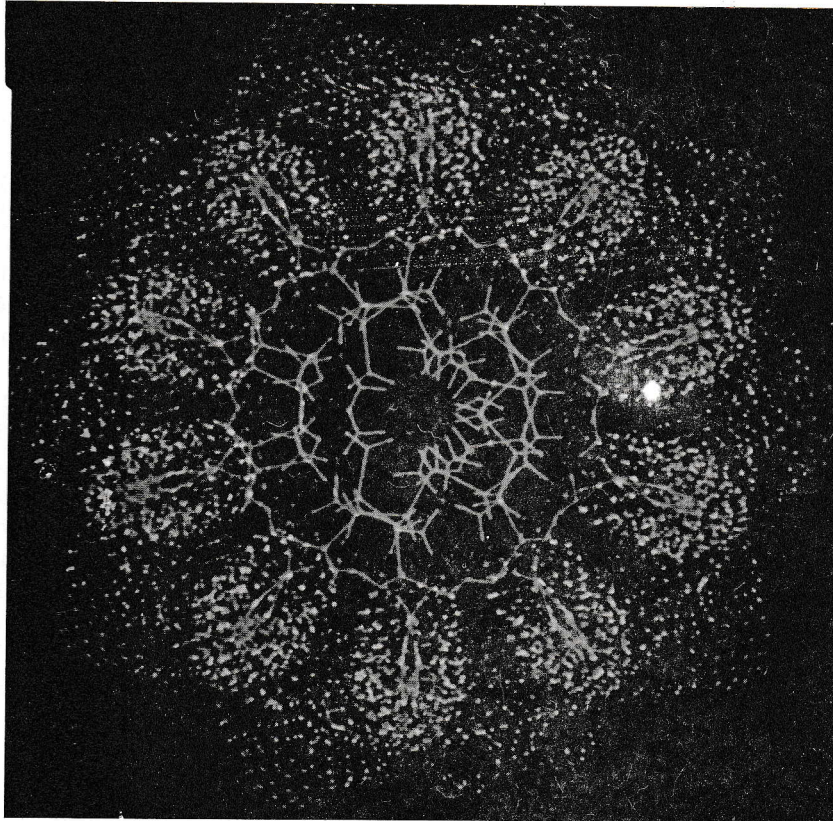


# THE NEW SCIENCE OF MICROVITA

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**I**n 1986 a new scientific concept was introduced which may have a revolutionary impact both in the physical and biological sciences and in practical fields such as medicine. The concept is called microvitum, or in plural, microvita.

Microvita are described by P.R. Sarkar as being subtle living entities responsible for the creation of matter and life in the universe. They move throughout the universe through different physical and psychic media. They create sub-atomic particles, atoms and molecules and organise them into more complex living structures. They assist in the process of evolution of species. They are re-

sponsible for the maintenance of health and for the origin of physical and mental illness. Sarkar expressed the need for research to be carried out on these microvita to determine their characteristics and to be able to utilise them for the benefit of humanity. His ideas are contained in his book called "Microvitum in a Nutshell" and in several other discourses.

This article summarizes some of the research going on in the areas of medicine, physics and biology in relationship to microvita. As these areas of research are quite new, the ideas are still tentative, and sugges-

tions and comments from the reader are welcome.

## Medicine

Microvita are described as the cause of both illness and health. They exist in the environment and in different materials. Positive microvita promote health while negative microvita may cause disease.

Different persons have attempted to trap positive microvita in water and to then use the water as a medicine. Spiritually inspired music and a special type of meditation is used in order to attract positive microvita to containers of water. The water can



be then diluted and shaken in an alcoholic medium, as in the practice of homeopathy. The resulting liquid can be then given alone or in combination with particular homeopathic remedies or herbal remedies for the treatment of different diseases. In India and in different parts of Europe this technique has been tried with seriously ill cancer patients and others with different diseases. The preliminary results are encouraging, and several people seem to have recovered from cancer or have been much improved following this microvita and herbal or homeopathic treatment. Much more research needs to be done in this area, along with controlled scientific studies, which have so far been lacking.

### Biology

Sarkar indicated that microvita are related to viruses, rather than viruses are improperly named, and a better name is microvita. Microvita spread disease by travelling through different media such as the media of smell and sight.

How are microvita related to the physical viruses that scientists study in laboratories? Physical viruses may be the creations of microvita for the purpose of forming and then evolving living beings of different species. The type of viruses called retroviruses (such as the AIDS virus) have the ability to insert genetic material directly into the genes in the nuclei of an organism's cells, thus modifying the genes. If reproductive cells are affected, the changes may become genetically inherited, and lead to the development of new species of animals and plants. There is much evidence for inherited viruses in the genes of all living beings, but it is not clear what these inherited viruses are doing. These viruses may have been attracted in the past by groups of organisms desiring physical structural changes. These viruses were incorporated into these organism's genes, producing the desired changes (clearly a non-darwinian mechanism of evolution.)

There is evidence that viruses are found in the developing organs of healthy embryos, and that these viruses go away after the organs are formed. These viruses may be formed from the organism's genes during the process of development. The purpose of these viruses is to help organs develop. In this way the embryo follows its evolutionary history as it develops with the help of the same viruses that helped the organism's ancestors evolve new organs during its evolutionary history.

Cancer viruses are now known to contain genes, called oncogenes, that are also active in normal development, where they are called proto-oncogenes. It may be that cancer is just a kind of uncontrolled embryological development stimulated by an imbalance of hormonal mechanisms or environmental factors such as cancer-causing chemicals and radiation as well as psychic stress. Bringing the mind and body back into balance through diet, special yogic and herbal medicines, a positive environment, yogic exercises and meditation could then help the body control and perhaps eliminate the cancer.

### Physics

Microvita are unlikely to be accepted by science until a need for them can be demonstrated at the fundamental level of matter and energy, that is, at the level of atomic and sub-atomic physics. Here the approach can first be at the conceptual and mathematical level, and later at the experimental level.

It is known that matter and energy are fundamentally vibrational in nature. The mathematical theory of quantum mechanics describes this precisely. But exactly how energy is organised to produce subatomic particles such as electrons remains a mystery. Electrons are now considered to be point particles that nevertheless have an intrinsic spin and a wave length (the de Broglie wavelength) which varies inversely

with their velocity. Electrons obey the Schrodinger equation, which gives wave equations that describe the probability of finding an electron in a certain region. They also obey the Heisenberg uncertainty principle, which sets a limit on the accuracy on the simultaneous measurement of, for example, the position and momentum of an electron.

How can microvita be incorporated into the above? Electrons and other particles with mass can be considered to be closed loops of vibrating energy, where the loops are made of microvita vibrating at a particular frequency and, therefore, carrying a particular amount of energy. An electron could be formed by a double loop of microvita. Energy would circulate around the double loop at the speed of light, with a frequency, and wave length, determined by the mass, and therefore energy, of the electron. The double loop is necessary to give measured spin of the electron of  $1/2$ . Other particles would be created by other types of microvita, or microvita creating other closed paths to guide the vibrating energy. In a moving electron, the internal vibrating waves would slightly shift their frequencies and wavelengths due to the Doppler effect, giving rise to the de Broglie wavelength of the moving electron which depends on the electron's velocity, and therefore making atomic structure possible.

The Schrodinger equation, which is only valid for velocities small compared to the speed of light, can then be replaced with another equation valid for all particle speeds up to the speed of light. This is because matter is fundamentally trapped light, or more precisely, closed structures of vibrating energy travelling internally at the speed of light. Microvita determine the structures along which the energy travels in matter. The relativistic equation is given as:



$$\nabla^2 \psi = 1/c^2 \frac{\partial^2 \psi}{\partial t^2}$$

or

$$-\frac{h^2 c^2}{(2\pi)^2} \nabla^2 \psi = E^2 \psi = -\frac{h^2}{(2\pi)^2} \frac{\partial^2 \psi}{\partial t^2}$$

where  $h$  is Planck's constant,  $c$  is the speed of light,  $E$  is the total energy of a particle (including the rest energy  $E=mc^2$ ). The second form of

the equation is the well known wave equation for waves moving at the speed of light. At low velocities of a particle, the equation reduces to a form similar to the Schrodinger equation.

So matter is electromagnetic energy guided in different structural patterns by microvita. The energy circulates through these structures at the speed of light. Without microvita, these structures could not be formed, since energy itself is not self-organising, but rather follows

the structure provided by the microvita.

It is hoped that the brief summary of several different areas of microvita research, both theoretical and applied, will stimulate further discussion and research into microvita. Questions, comments and suggestions are welcome.

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