

Theory of high dilutions and experimental aspects: an overview

In the third part of his four-part, major article on homotoxicology, Professor Michael Kirkman, C.I.Biol, Director of Academic Affairs UKGB International Society of Homotoxicology and ICM Adviser in Homotoxicology, considers the theory of high dilutions in relation to homoeopathy.

NUMEROUS field applications and 200 years of clinical results with homoeopathic medicine have shown real effects.

In 1993, Dr Rolland Conte, PhD, and Dr Yves Lasne, MD, applied these new tools to the understanding of experimental results on high dilutions from various researchers. In addition, they could formulate in quantum field theory a mathematical representation of their effects.

Therefore, the failure to interpret high-dilution experiments can be related to the inadequacy of the previously available tools. This is consistent with Einstein's statement:

"The significant problems we have cannot be solved at the same level of thinking with which we created them."

Their aims were to subject the high dilution properties to scientific evaluation and to show that measurements used for the determination of a parameter, the Contonian frequency, calculated from raw data, lead to a reproducible parameter even if the raw data are chaotic and differ from one experiment to another.

The Contonian frequency indicates that the specific activity of high dilutions in various fields such as physics (quantum level, nuclear magnetic resonance), biology, and chemistry can be reproducible on the same site or at any other one, provided the right analytical tools are used, the external variables such as the quantity of energy introduced by the succussion process and the gravitation forces at the time of the experiments are taken into consideration and the other usual parameters (temperature, identity of the biological model and calibration of equipment) are controlled. Furthermore, negative radiation emitted by high dilutions provides another tool to measure their properties.

It is of prime importance to evaluate scientifically what is contained in homoeopathic remedies. Due to the dilution-succussion process, the molecules are often diluted beyond existence. A residual wave develops that gives birth to 'white holes', ie, absence of matter, which in turn give birth to 'hyperprotons'. The presence of hyperprotons is indicative of a reorganisation of the constituents of the diluent. They can be detected in the aqueous and biological media by measuring the negative radiation induced by the association of two hyperprotons.

Measurements of negative beta radiation in organisms, which is similar to the beta radiation in homoeopathic remedies, provides information on how homoeopathic remedies might work. When applied to the numerical values of the beta energy spectrum released by high dilutions of HNO₃, this formula gives a frequency equal to 2.4×10^{17} Hz. The minimal wavelength must be associated to the mechanism of its interaction with a live organism of 1.25 nm and with a wavelength interval of between 1.25 and 10 nm.

Nevertheless, because the organism is an integral part of the environment, in the larger meaning of the word, matter absorption is a *sine qua non* survival condition. This matter emits signals - smell, colour, and taste - and induces in the organism a perturbation that will be all the more important if the resultant wave is high. This means that the organism is receptive. However, a certain organisation of the organism is required to absorb the matter and metabolise its energy.

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Conte and Lasne believe that an identification of signals emitted by the absorbed matter is more sensitive than taste or smell. This unconscious identification informs the organism about the absorbed matter structure by decoding the hyperprotons and, therefore, by generating waves. These waves induce the interaction locations in the receiver and the amount of sensitivity of the receiver depends on the importance of the result of the coupling between the internal and external resultants of the living system.

As a matter of fact, part of the matter will turn into white holes and induce interactive residual waves while the organism's status quo, in relation to the matter, will amplify the fundamental frequency of the residual wave as well as its consequences: the symptoms. For the same reasons, such a finding is valid for the therapeutic aspects.

According to the hyperproton concept as defined, a consequence of white hole creation, the understanding of the vital mechanism, is largely improved. The similarity between high dilutions and organism behaviour opens the field for new investigations. The hyperproton is what is missing for chemistry to lead to biochemistry.

Within the human clinic, the specificity of the diluted-succussed solutions would be remarkable even if we did not find an enzymatic system specific to a given diluted-succussed solution. When interaction occurs between two residual waves, it induces a generalised and fast action of the diluted-succussed solution on the organism. When such interaction does not exist, these solutions have no effect on the organism. The specificity of the diluted-succussed solution takes place in the phase space.

The wave interaction between the medium, in a larger meaning of the word (alimentation, 'stress', individual), and the genetic structure (existence of which has been demonstrated) leads, according to their frequencies, repetitions, and energies, to modifications of the DNA antenna. Should a resonance occur, the DNA chain will be broken. In case of in-phase interference, the amplitude will be enhanced (enhancement proportional to the sum of the two amplitudes) and, therefore, a separation of the two DNA helices will occur. In case of in-phase opposition interference, the receiving zone will be locked and nothing will occur.

Conte and Lasne emphasise that the experiments that they performed are completely reproducible and that the related Contonian frequencies are identical from one experiment to another within the experimental error band of the apparatus used and the quality control of the primary environmental factors.

The structure of memory

Before approaching the question about the memory existence in the physical world, they emphasise the importance of a scientific theory to account for Hahnemann's work and that of his successors. Such a theory will open the door for the possibility of *in vivo* experiments, leading to a new homeopathic pharmacology by using the whole range of molecules submitted to the high-dilution process.

It is clear that matter, if only by the preservation of physical properties, has a certain memory type, whether it is a classic or a quantum memory. Einstein's theory of general relativity takes this memory into account since in space and time a particle is identified with a universe line, its past being memorised in its trajectory.

Conte and Lasne propose that high-dilution activity can be observed and measured by devices normally used for physical measurements (NMR, counter, etc) and can also be interpreted both at the microscopic and infinitesimal levels (in wave terms through the Contonian appearance theory).

They insist that our approach to the high-dilution phenomena is not contradictory to the usual problems of the physico-chemists or biologists who study the phenomena sometimes in a continuous way (fluid circulation) and sometimes in a combinational way. More particularly,

the combinational description given by modern biologists for the actions of chemical substances on organisms and the interactions that take place inside the organs does not oppose, in wave terms, the giant combinational structure in which the cells are perfectly receptive to the waves.

With the passage of time, both doctors and the public have seen not only the benefits of these new drugs but also their limitations. The ubiquitous nature of these adverse side-effects has once again created an interest in natural therapeutics and preventative medicine.