

## Homeopathy and the Digital Revolution



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In this paper I would like to show the work of various renowned researchers who are opening up a new frontier in the practice of Homeopathy...the frontier of digitized information in homeopathic remedies.

It is now possible that the specific activity of biologically-active molecules (e.g., histamine, caffeine, adrenalin), not to mention the immunological electromagnetic signature of a virus or bacterium, can be recorded and digitized using a computer sound card, just like an ordinary sound. As we will see life depends on signals exchanged among molecules.

In biology, the words "molecular signal" is used often. Yet, biologists are not aware of what the *physical* nature of this signal is.

We have known for decades that molecules vibrate. Every atom of every molecule and every intermolecular bond-the bridge that links the atoms-emits a group of specific frequencies. Specific frequencies of simple or complex molecules are being detected at distances of billions of light-years, thanks to radio-telescopes. Biophysicists describe these frequencies as an essential physical characteristic of matter, but biologists and biochemists do not consider that electromagnetic waves can play a role in molecular functions themselves.

### Benveniste

Experiments by Benveniste have shown that we can transfer specific

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molecular signals by using an amplifier and electromagnetic coils. In July, 1995, he recorded and replayed these signals using a multimedia computer. A computer sound card only records frequencies up to about 20,000 Hz. In the course of many experiments, he had led receptors (specific to simple or complex molecules) to "believe" that they are in the presence of their favorite molecules by playing the recorded frequencies of those molecules. In order to arrive at this result, two operations are necessary: 1) record the activity of the substance on a computer, 2) "replay" it to a biological system, sensitive to the same substance. Therefore, there is every reason to think that when a molecule itself is in the presence of its receptor, it does the same thing: it emits frequencies which the receptor is capable of recognizing.

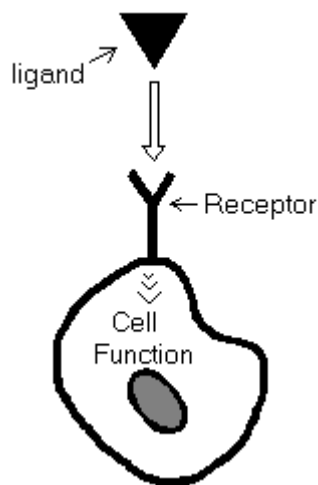
This means that a molecular signal can be efficiently represented by a spectrum of frequencies between 20Hz and 20,000 Hz, the same range as the human hearing or music. For several hundred thousand years, human beings have been relating sound frequencies to a biological mechanism: **the emotions**. Composers of background music for supermarkets or elevators are practicing neuron-psychology. High-pitched rapid sounds stimulate lightness of spirit, high-pitched slow sounds produce sweetness, and sounds both deep and rapid rouse the fighting spirit, while deep, slow sounds raise serious emotions, sadness and mourning. These are fundamentally

cerebral physico-chemical phenomena, triggered by distinct frequencies. This is what we accomplish when we transmit recorded electromagnetic signatures to biological systems. Biological systems function like radio sets, operating by co-resonance. If you tune a receiver to 108 MHz, you tune in the radio transmitting frequency of 108 MHz because the receiver and the transmitter vibrate at the same frequency.

The electromagnetic nature of the molecular signal sheds light on many shadowy areas of biology. We can now understand how millions of biological molecules can communicate (at the speed of light), each with *its own* corresponding molecule, *and it alone*. Water is the vehicle for information. This cannot be avoided, since there are 10,000 water molecules in the human body for every molecule of protein. A submarine communicates with its base via low-frequency electromagnetic waves, not with megahertz frequencies, which do not penetrate water. Experiments show that a molecule at a normally active concentration does not work in a medium devoid of water. Adding water is not enough to restore activity; it must be "informational." In other words, when molecules trigger a biological effect, they are not directly transmitting the signal. The final job is done by perimolecular water which relays and possibly amplifies the signal. Sound is not directly created by a compact disc. The latter carries data which is audible only after being amplified by an electronic system.

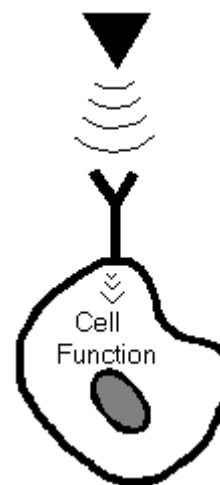
What interests us is not the nature of the magnetic medium and how it functions, but the message recorded in it, which can be copied and transmitted.

**The Current Theory:  
"structural matching"**



The 3D structure of the ligand molecule, e.g. an antigen (or an agonist) matches the 3D structure of the antibody (or the receptor, respectively). This physical contact induces the cell function.

**The Proposed Theory:  
"electromagnetic signals"**



The agonist molecule carries and emits an EM signal which co-resonates with the receptor's molecules thus activating it and inducing the cell function.

## The Current Theory (structural matching) vs. the Proposed Theory (electromagnetic signals)

The presently dominant QSAR (quantitative structure-activity relationship) theory of molecular signaling claims that two structurally matching molecular objects exchange specific information by mere contact (sometimes also referred to as the Key/Keyhole interaction model). Specific molecular interactions happen after random collisions between partners on a trial-and-error basis, using electrostatic, short range (two to three times the molecule size) forces. But this kind of random encounter, among many molecules which are foreign to a given biochemical reaction, would give to these meetings statistically little chance of occurring. Thus, the simplest biological event might require a very long time to happen.

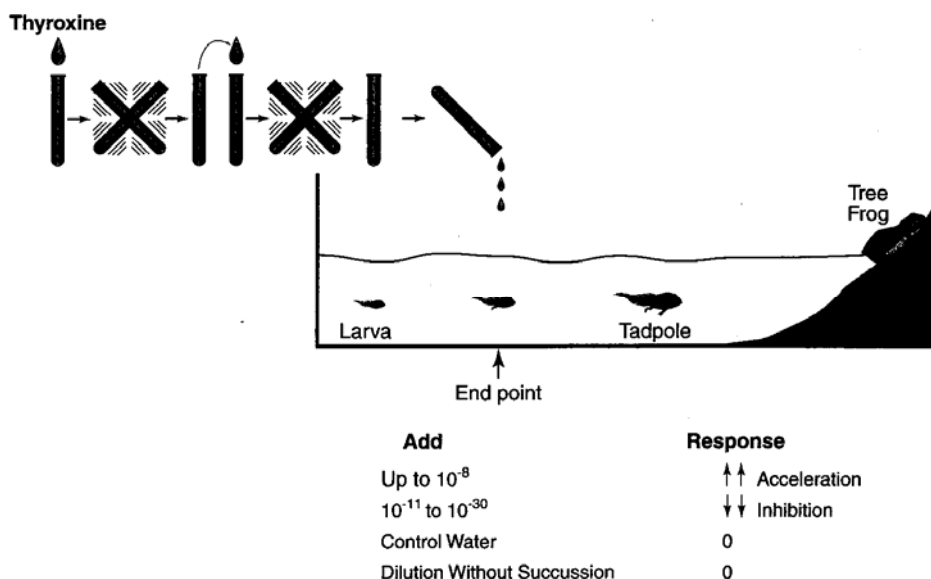
Using various experimental protocols we are able to activate specific cell functions with the corresponding low frequency (<20 kHz) electromagnetic waves. This prompted us to hypothesize that the molecular signal is composed of such low frequency waves and that the ligand co-resonates with the receptor pretty much as the tuning of a radio device.

It is well-documented that:

- 1) Molecules emit specific frequencies.
- 2) A complex set of high frequency waves can produce low frequencies according to the "beat frequency" phenomenon.
- 3) All biological interactions occur in water, since, on the average, there are ten thousand molecules of water per molecule of protein.

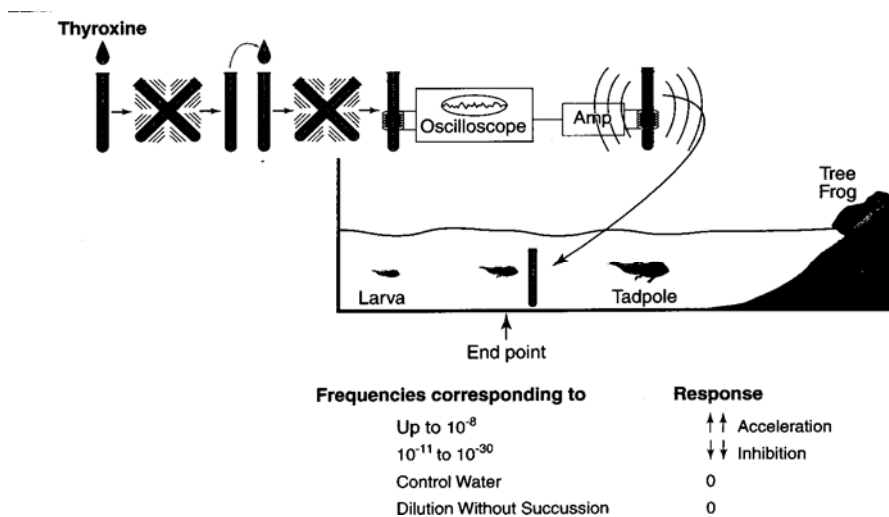
In 1998, Endler et al did a study on tadpoles that provides clear evidence of the effect of electromagnetic signals on biological systems. His research has been duplicated by ten other researchers at eight different universities.

Tadpoles from tree frogs were studied in their development. It is well known that thyroxine up to a dilution of  $10^{-8}$  induces and accelerates metamorphosis from larvae to tadpoles. Homeopathic dilutions of thyroxine in the  $10^{-11}$  to  $10^{-30}$  actually inhibit morphogenesis. Control water without thyroxine or with no succession had no effect (see below).



Also, larvae which had been exposed to excitatory material doses of thyroxine were later exposed to a succussed  $10(-8^{\text{th}})$  preparation, which was able to inhibit the previously stimulatory effect. This experiment provides proof of the homeopathic principle of Isopathy.

Finally, an experiment was conducted where electrical frequencies were acquired from a vile of potentized water with thyroxine and amplified. These signals were digitized and transmitted into pure water (without thyroxine). The result was that metamorphosis was again inhibited in comparison with controls (see below).



Water with its interactions with enzymes, cells, and tissues can be seen as more than just a lock and key mechanism. Electromagnetic field interaction in the experiment with tree frogs proved that homeopathic potencies are not just molecules in water, but electromagnetic field vehicles with specific frequency complexes.

This type of research goes beyond the molecular biology discipline and is more closely related to the bio-physical field of study.

### Fritz Albert Popp

The phenomenon of how information is transmitted within living systems was and is being extensively studied by a bio-physicist named Fritz Albert Popp. He discovered that photons provided the vehicle for which information was transmitted. Photons are light particles without mass. They transmit information within a cell and between cells. He showed that DNA of living cells stores and releases photons. He called this “biophotonic emission”. The intensity is about  $10(18^{\text{th}})$  times lower than regular daylight. To study this phenomenon he developed an instrument called a photon multiplier which could detect the glow of a firefly 10 miles away. DNA uses a variety of frequencies as an information tool suggesting a feedback system of perfect communication through waves which encode and transfer information.

Another fascinating characteristic of photons is their coherence. In a healthy state the emission is more coherent than anything that man has ever developed. Quantum coherence means that subatomic particles are able to co-operate. These waves know about each other and are highly interlinked by bands of electromagnetic fields. They can communicate with each other. It is analogous to an orchestra where all photons are playing together but as individual instruments

that are able to carry on playing individual parts. Therefore, biophotonic emission is a perfect communication system that transfers information to many cells across the body *and to other bodies*.

Another important characteristic of biophotons is that they follow biological rhythms (i.e., daily, weekly, monthly and annually). In healthy individuals the biophotons are extremely coherent and in rhythm with the world. In seriously ill people (i.e., cancer) they have lost their natural rhythm and coherence. The lines of communication were scrambled and they lost their connection with the world. In effect their light was going out.

Interestingly, Popp found in people with multiple sclerosis, that the opposite was true. They were in a state of too much order. They were taking in too much light, inhibiting the ability of the cells to do their job. Too much cooperative harmony prevented flexibility and individuality. In reality, they were drowning in their light.

In a stressed state, the rate of biophotonic emissions went up. This is a defense mechanism to try and return to homeostasis. Therefore biophotonic emission is a sort of correction mechanism in living systems.

Studying food, Popp found that the healthiest food has the lowest and most coherent intensity of light.

### **William Ross Adey**

The final important principle looks at the actual intensity of the emission. William Ross Adey, while experimenting with cerebral cells in chicks, found they only responded to a certain frequency (10 Hz). Also, he found that the amplitude must lie within a specific (very low) range. This is called Adey's window, and it is a limited range in which a biological system is able to respond to electromagnetic signals carrying information. Interestingly, this range falls within the same range in which Homeopathic signals are measured.

Popp found while studying Homeopathic remedies that they are an example of photon sucking. Homeopathic remedies are resonance absorbers. If a non-physiological frequency produces certain symptoms, a high dilution of a substance which could produce the same symptoms would still carry these oscillations. Like a tuning fork in resonance, a suitable homeopathic solution might attract and then absorb the non-physiological oscillations, allowing the body to return to normal.

### **Biophysical Controls Biochemistry**

**ALL BIOCHEMICAL REACTIONS IN LIVING ORGANISMS ARE OPERATED AND REGULATED BY LOW ELECTROMAGNETIC FREQUENCIES.**

The implications of this statement are numerous and extremely important, not the least of which is that the biophysical level of an organism controls its biochemistry. For example, changing and adjusting the biochemistry of the human body can easily be accomplished with medications, supplements, diet, and even exercise, but this is only dealing with a disease state at a symptomatic level. However, affecting change at the biophysical level where cellular communication can be normalized will result in a balance of *both* the biophysical and biochemical levels. And how does one affect this type of change? Based on what we've learned from the research of Benveniste, Popp, and Adey, the answer is **digital homeopathy**.

## The BRIT Team

For several years now we at the BRIT Team have been doing research on the use of digital homeopathy and we have seen remarkable results with our patients. Using our own custom chamber we've developed a unique process of capturing the vibrational signatures of remedies, supplements, foods, etc. The resulting digital remedies have more harmonics and a higher frequency range than has ever been captured. This translates to the most accurate "digital representation" of remedies and supplements in the world.

We have also researched the best methods for *delivering* these digital remedies to the patient. Using a simple bioresonance device we can imprint the remedies to a bottle of water and even a cream that can be put on the skin. Our custom designed SYNERGY software system also makes it simple to create a digital remedy as an MP3 "song" and delivered to the patient via an iPod, PDA, or computer. We've already learned from Benveniste's work that the human ear can interpret frequencies up to 20,000 Hz. So in order to take advantage of the higher frequency ranges and corresponding harmonics of our digital remedies, we also use a resonant light to deliver the digital information using radio frequencies. LED devices and lasers can also be used as a delivery system for the digital remedies.

If you would like to learn more about our research in digital homeopathy, send us an email at [support@thebritteam.com](mailto:support@thebritteam.com).



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