

Structured water effects on living cells and inanimate matter

Introduction

The purpose of this paper is to describe the nature of energy fields from living cells and inanimate matter, and summarise knowledge about the effects of structured water on cells and inanimate matter.

The idea and evidence that cells and inanimate matter emit an energy field has been in the literature since the 19th Century. German scientist, Baron Carl von Reichenbach, came up with this idea of a pervasive life-force energy in the mid 1880's. He called this energy field **Od after Odin** (*a mythical Viking ruler and relentless seeker of justice and wisdom*).



*Baron Carl von Reichenbach was investigating the manner in which the human nervous system could be affected by various substances, he conceived the existence of a new force allied to electricity, magnetism, and heat; a force which he thought was radiated by most substances, and to the influence of which different persons are variously sensitive. He named this Vitalist concept **Odic force**. Proponents say that **Odic force permeates all matter and the cells of plants, animal and humans**.*

A fundamental hypothesis in this field of science is that all living entities show evidence of their **life force** as subtle energy emissions. These energy fields resonate with their surroundings and external energies resonate with the living entity. The evidence of these subtle fields of energy has been measured by numerous people who pioneered experimentation with electrical inventions since the nineteenth century. There are numerous technologies to measure this life-force energy and many of them have been pioneered by Dr Albert Abrams (father of radionics), Nikola Tesla, Cleve Backster (polygraph), Dr Wilhelm Rife, Dr George Lakhovsky, Dr Rudolf Steiner and many others. More recently, there has been the work of Dr Konstantin Korotkov and the Gas Discharge Visualization (GDV) technique (See *Aura and Consciousness*, Korotkov, 1999)

The primary concept is that **all things are energy interactions between oscillations in space** and because they are real, they affect similar phenomena. However, in the main our reality of physical and social senses, and the way we structure science into these compartments, is not perceptible or observable to many energy phenomena in nature. Subtle energy types are characterised by vibrations (oscillations) and rhythms or cycles that are inherent in our breath, heartbeat, day and night, seasonality, climate cycles, animal mating, electrical current cycles, etc. Everything in our reality is in motion and comprises the ether, electrical and other energies. Our organs are composed of cells formed from protoplasm containing various acids and minerals, such as sodium, magnesium, iron, chloride, phosphorous, etc. Combinations of these elements are detected by living cells as waves vibrating continuously at various frequencies. The amplitude of cell oscillations must reach a certain value (oscillatory equilibrium), for the organism to be strong enough to repulse the destructive vibrations of pathogenic microbes. Broadly speaking, **health is equivalent to oscillatory equilibrium** (coherence) **and disease is oscillatory disequilibrium** (incoherence).

Why is the strength of the cell energy field critical to wellbeing?

All organisms have an inbuilt self-regulation and self-healing capacity to sustain homeostasis or equilibrium. That is, a cell function is at optimal potential when the light force energy from the nucleus of the cell is at its highest negative charge, ie. up to -70mV. For example, a cell can best create a new cell at a voltage or charge of -50mV, or higher, and at this charge it has a high potential for cellular communication, regulation and healing.

The primary factors that enhance the cellular potential for life-force energy are:

- Adequate exposure to sunlight energy (particularly the red-light waveband during early morning light) to capture light photons under the skin to power cellular charge
- Ingesting fresh, raw, organic food within 48-60 hours of it being taken from its live support system (eg. soil or plant). Humans and animals use the life-force energy of plants to *recharge their cell batteries*
- Drinking negatively charged or structured water. Structured water is the flowing water of nature and carries a negative cell that vitalises cellular energy
- Adequate rest and sleep that allows time and space for cellular regulation and healing
- Regular contact with nature (eg. soil and plants) because this environment (eg. soil, flowing water, trees, etc.) contains the negative ions (including magnetic energy) that interact with living cells to bring about cellular homeostasis or equilibrium
- Embracing love, joy and hope as these emotions carry a negative charge that increases cell potential

The primary factors that decrease cellular potential for life-force energy are:

- Chronic, elevated levels of stress, including physical (eg. muscular) biological (gut biology imbalances) and emotional (grief, resentment, etc.) stress

- Consumption of processed (packed) foods, irradiated foods (microwave oven's frictional heat), foods cooked in high heat (eg. BBQ, pan fried, grilled, baked), foods that are not natural (eg. GMO, chemically sprayed, etc.) These foods are energetically dead foods and have no life-force energy, and only contribute to cellular toxicity
- Consumption of drugs and similar medications as they have side effects that lower cellular charge or change the cell polarity towards positive charge, and this is the pathway to disease
- Vaccination overload is adversely affecting the immune system and cellular voltage that leads to inflammation, obesity, diabetes, etc.
- Dehydration and low salt intake result in poor cell hydration, low heart rhythm, imbalances in body fluids and acidic blood that carries less oxygen.

The way that we live our lives is very important to our wellbeing. We need to think about how we interact with our environment and the way we utilise the life energy within us for natural self-healing. We live in a world where much healing is needed and this collective electrical potential in humans is the pathway to healing the wellbeing of the planet.

The evidence of the energy field

Rupert Sheldrake in *The Presence of the Past, 1988* describes how every living thing comes into being through a process of morphogenesis based on mathematical laws rooted in ancestral history, ie. the progression from the cosmic ether of heat and light in the universe, atoms of the earth, microbes, plants, animals and humans. For example, all living and non-living things have an atomic, chemical, crystalline or geometric form (eg. humans have body structures built around the golden mean ratio of 1:1.618, as used by Leonardo da Vinci in the drawing titled *Vitruvian Man*).

A formative causation or inheritance of organic form is historically based on an in-built cellular memory that is communicated at a fundamental level of life formation (embryonic and genetic). This all starts with the *spark of life* when the sperm enters the egg. In this way, the past evolves into the present and this capacity for bio-communication lives on through life, and subsequently passed to other off-spring. The communication is evident between plants and animals such as the auto-communication by and between animals of impending geophysical disasters. Also, there is possible communication between microbes as demonstrated with the responses of beneficial microbes in yogurt to the presence of pathogenic microbes in chicken by Backster in *Primary Perception, 2003*. There is also the water memory capacity as reported by Emoto in *Messages from Water, Parts 1 and 2*) that has structure or form. Of course, others had introduced the concept of water memory and included Dr Viktor Schauberger who explained that water was very sensitive to its environment (in Callum Coates's book on *Schauberger, Living Energies, 1996*), and Dr Jacques Benveniste who managed to transfer (through electro-magnetic means) some property of a drug to water without using any of its

physical substance. This experiment was repeated by Dr. Luc Montagnier (Nobel Laureate 2008) in the years that followed his Nobel Prize in Physiology.

Schauberger determined that water in living cells has a unique structure (detailed in Philippa Wiggins's paper, *Life depends on two kinds of water, 2005*) and clusters of its molecules have organised relationships. Another factor is what Schauburger called the *immature taker vs. life-giving* mature water as water without minerals is a relentless solvent. Therefore, if we were to distill 100% of impurities out of water (eg. reverse osmosis process and distilled water), it would leach minerals from our bones and therefore be dangerous to drink. Schauburger also discovered the *movement-vitality* factor inherent in the vortexes. Water that is stagnant, even though unpolluted, is dead compared to water that is moving over rocks in a river (ie. **structured water**). Water in a river has the correct energy oscillations as opposed to the unnatural confines of pipes that cancel the natural order in water structure. Again, the energy outside of water (eg. sunlight and magnetic energy effects on minerals in solution and on the water oscillations) is critical to water health, clustering or structure. Water needs to be in motion and exposed to earth energies, along with a structured form to exclude toxic compounds. Therefore, we could expect that sewage water recycled for drinking and held in human made structures will be dead or chaotic. The chemical contaminants in recycled water, such as human hormones further exacerbate this situation, as they cannot be removed in the treatment processes.

Dr David Schweitzer was the first scientist to photograph the effects of thoughts on water. Emoto has repeated this experiment. This showed that water can act as a liquid memory system capable of storing information. It is perhaps no coincidence that our blood is about 90% water and our brain is 80% water to hold functional information. Also, the physical removal of contaminants from water does not remove the energetic form of the contaminant unless the water is reverted to a structured form.

Bruce Lipton in *Biology of Belief, 2005* showed that genes and DNA do not control our biology. Instead, DNA is controlled by signals from outside the cells, including the energetic messages emanating from our positive and negative thoughts. That is, it is the awareness of single cells of their environment that sets in motion the mechanisms of life and bio-communication. Of course, this work has huge implications as it suggests that health or disease can be controlled by the mind as the *placebo* effect and energetic healing (eg. aura healing) and the use of Rife machines to retune and rebalance cellular energy.

The body's innate electrical systems and other energies enable the electro-magnetic healing to work that is evident in acupuncture, homeopathy, visualisation and psychic or spiritual healing. These practices are based on bringing the body into harmony with each part in rhythm and balance relative to other parts. However, the modern environment of electromagnetic pollution with powerlines, microwave ovens, computers, portable phones and numerous electrical appliances adversely affect natural bio-communication in living things. This electrical smog leads to *dis-ease* at the cellular level. The implications of this electromagnetic pollution

on biological processes are well documented by Robert Becker in *The Body Electric, 1985 and Cross Currents, 2004*, also in Alan Hall's book *Water, Electricity and Health, 1997*.

Most humans today have been detuned to this bio-communication, however it is evident in some people through intuitive thoughts, serendipity of actions (eg. between twins), capacity for clairvoyance or dowsing (ie. divining and includes radionics). Evidence illustrates the individuality of biology or structure and complexity of living things. This complexity includes a resonance and an electrical activity that is unique in form but variable to environmental influences. The complexity has capacity for bio-communication between living things that may be a factor in chemical responses to environmental activity.

Cleve Backster stumbled across plant bio-communication when he attached a polygraph machine to a plant leaf and discovered that the plant would respond to its environment, and thoughts by Backster about burning the plant's leaf. Backster found that measurements of plant and bacteria responses could be affected by a wide range of environmental influences including activity that enlightened or disturbed the subject being measured, eg. placing live scrimp (prawns) in boiling water close to the plant subject. Plants, bacteria and many other living things such as animals have a bio-communication pathway or grid. This enables them to communicate in a non-verbal or *morphic-resonance* manner across distances, about a past event, an instantaneous event, or an event in the future such as an imminent insect attack or earthquake.

Radionics was originated by Albert Abrams. In his research, he devised an instrument with calibrated dials to measure disease reactions and intensities in patients. Advanced versions of this instrument are used today for the diagnosis of soils, plants, animals and humans. The basic theory of radionics is the concept that life-forms share a common and earth based electro-magnetic energy field that is the link between the patient and practitioner and everything else that has its own unique electric field. The distortion of this electric field (disharmony or incoherence) in an organism will result in disease. The radionics practitioner undertakes the analysis using a combination of dowsing techniques (ie. ESP) with the instrument that measures the life-force field of the patient to identify an underlying cause of disease. Radionics is also used to measure and diagnose the health of soil and plants.

Dr Wilhelm Rife was instrumental during the 1930's- 1950's in developing high frequency instruments of mixed sine waves from oscillators and output to ray tubes. Rife found that certain organisms would oscillate at fixed frequencies and each would produce a unique electric field. The audio frequencies of the Rife instrument's and their harmonics were used to treat illnesses. Also, Reich proposed that his instrument's *Orgone* energy (his term for a life-force tuning energy) could cure people.

George Lakhovsky (a leading French scientist who wrote *The Secret of Life, 1939, 1951*) discovered that living cells (plants, bacteria, etc.) possess attributes that can be compared with electronic circuits. These cellular attributes include resistance, capacitance and inductance.

These properties, when properly configured, will cause the recurrent generation or oscillations of high frequency sine waves when sustained by a small, steady supply of outside energy of the appropriate frequency. This effect was known as *resonance*. Lakhovsky's work demonstrated that all living cells produce and radiate oscillations of very high frequencies. These cells also receive and respond to oscillations imposed upon them from outside sources (eg. cosmic rays). It was this understanding of cell function that led Lakhovsky to develop the multi-wave oscillator device that used high frequencies for healing, both for humans and plants.

An important aspect of Lakhovsky's work was his findings of the high correlation between cosmic energy (ie. the astral radiations as sunspots, etc.) and the development of vital activity in plants and animals. For example, wheat and grape growth performance (yields) and high quality were correlated with times of maximum sunspot activity. This is a clear example of the external energy influences on cells where light and heat are critical factors in cellular activity. Consequently, there would be scope here in putting the sun-spot wave energies into water restructuring devices.

It is often claimed that physical contact with the earth's magnetic field by lying on the ground has a therapeutic effect. Dr. Kyoichi Nakagawa is considered the founder of modern magnetic research and the value of magnetism in enhancing health. He published a study in 1956, which claimed that the Earth's natural magnetic field had declined by at least 50%. Over the last 165 years, scientists have measured the Earth's magnetic field and have recorded a decline of its strength. Today the magnetic field of the Earth is measured at 0.5 gauss. It is estimated that the field of the Earth 4,000 years ago was 5.0 gauss. That is a decrease of 90%. He then went on to study the effects of magnetism on health. Kyoichi coined the term Magnetic Field Deficiency Syndrome where a lack of human contact with the magnetic field causes aches and pains.

During the period from 2003 to 2009 Robert Gourlay and David Beale developed a prototype device to measure field force energy in living and inanimate things, and successfully discriminated the force fields between inanimate subjects and living matter. The device was unique because it was non-destructive, non-contact, and its output to the subject being measured was virtually zero energy. The electronics of the device focuses on the objects internal balances and use a range of measurements, including size, phase and frequency. It connects with all harmonics of the subject, including its components and environmental connections. The device had a mutual *responsive* relationship with the subject being observed (ie. without the observed subject being necessarily aware of the measurement event in a way that could change or affect the subject).

These days there are multiple devices to measure this field force energy, and are therefore capable of discriminating the differences between organic and non-organic food (eg. chemically toxic and irradiated), nutrient density in food, the vitality of human cells, etc.

The examples above provide evidence of research, experiments and technologies that have demonstrated the interaction between cells and external energy forces. Lakhovsky best described this universal energy in living things: *the cell, as the essential organic unit in all living*

beings, is nothing but an electromagnetic resonator, capable of emitting and absorbing radiations of very high frequencies. Therefore, life is the dynamic equilibrium of all cells, the harmony of multiple radiations which react upon one another.

However, public or institutionally based scientists have generally abandoned concepts such as the Odic force (also known as BioField or life-force energy) perhaps due to the challenges by skeptics and the fact this *life-force science* does not fit the proscribed belief systems embedded in peer review and so-called scientific journals. In western, popular or alternative culture the life-force energy name is used in a similar way to **qi or prana** to refer to spiritual energies or the vital force associated with living things. In Europe for example, the *Odic force* has been mentioned in books on dowsing, as dowsing involves the detection by the observer of the energy field. This similarly applies to the practices of healing magnetism, aura field healing, clairvoyance, etc.

The thoughts of the old master are far of greater value to me than the philosophies, prejudices of the Western mind. Jung in I Ching or the Book of Changes.

Structured water relationship to the Energy Field

Structured water, in the context of this paper, is water that is in a six-sided crystalline, hexagonal structure. It is very likely that all matter has an imbedded memory of structured water at some point in time. For example, a grain of sand on a beach would emanate a field force energy due to this embedded energy experience (negatively charged seawater) that influenced its form. Most rocks have embedded molecules of structured water that may stretch back millions or billions of years.

A cell operates at its highest potential for regulation and healing when the cell is hydrated with negatively charged, low density water (LDW). This energy sustains the light energy (Biofield) emissions from the cell's nucleus. The emitted light from a body is called an aura and can be photographed with Kirlian photography or the GDV photograph technique developed by Dr. Korotkov. The aura is described as a blueish-green to grey colour, however the bluer the colour the more vital the cellular energy. Interestingly, the bluer the colour of structured (negatively charged) water the higher the negative charge(-mV) in the water.



A photograph of charged (structured) water in an opaque plastic container. This water was conditioned to hold a permanent negative charge with a Phi6n water conditioner device (www.meawater.com.au)

All cells in the human body are designed to carry negative (-) charge (mV). That is:

- These cells can only heal and renew with high negative charge (from -50 up to -70mV)
- Poor lifestyle and diet choices can cause the charge to drop to a positive charge and this is when disease sets into cells
- Oxygen (O₂) deprivation (eg. acidic blood and toxins in cells) will cause cell charge to fall towards positive (+)
- Sunlight energy and naturally sourced waters are active in restoring cellular charge.

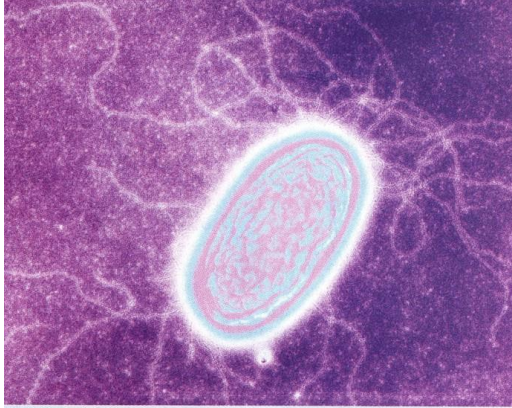


High cellular negative (-) charge = **life**.
Low cellular charge (+) = **disease**
Make new cells/healing= **-50+mV**
Normal human charge= **-25mV**
Tired or sick= **-10 to -15mV**
Disease = + charge (**0 to +35mV**)

Microbes have a unique association with subtle energies to sustain life. Early single celled microbes would have used light and water energies to sustain life, and this capacity became the basis of all life. All plants, animals and humans sustain life through the electrical wiring of microbes in our digestive system, blood, etc. For example, the microbes use the subtle energies of negatively charged water for their own energy source and for bio-communication. Also, photons of light sustain the vortex energy within blood to spiral around the 100,000 km of blood delivering arteries, veins and capillaries of the human body.

Your heart is not a pump. The combination of heart rhythm and its internal structure create the vortex that spirals blood around the body. It is the constancy in blood viscosity and the spiralling vortex in blood pathways that helps to sustain the negative charge in cells of all organs and systems.

Biology in the gut can access and utilise this vibrational energy, along with light photon energy to sustain a microbial balance (ie. the ratio balance in favour of gram positive, beneficial microbes that are life affirming, versus the gram negative, pathogenic and neutral microbes that can degrade life; given the opportunity). See image on the next page.



Bacterial 'wires' an electronic dream

The *electronic wiring* of biology can access and utilise energy from light photons and the negative charge in water.

Image from New Scientist, 13 August 2011

There is no doubt that a healthy human can achieve a high potential of cellular regulation and healing and therefore slows down aging (and reversing aging in some cases). The utilisation of structured water in its many forms, including the water in fresh, organic food; is a critical factor in achieving this state of wellbeing. Similarly, people with impaired cellular energetics will age faster, become tired, sick and diseased, particularly with chronic deficiencies in sunlight, structured water and eating fresh, organic food.

Human emanations

The energy that emanates from the body is light energy from the nucleus of all cells. We know that this energy emanates, because:

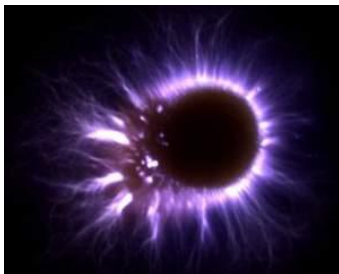
1. The skin feels warm from this energy emission
2. An aura of light energy can be photographed leaving the body. This allies to all living forms, including microbes and plants.

The strength aura of light energy from any species is accumulated and diminished over time due to cell health factors (eg. aging). The strength of the light aura is also highly dependent on:

1. Time in the womb (degree of nourishment and *life-affirming* experiences, etc.)
2. Diet and lifestyle factors after birth, including the initial period of access to breast milk (eg. biology, cannabinoids, enzymes, and other nutrients in the milk to develop and fortify the baby's immune system)
3. Sunlight exposure, avoidance of toxins in foods, water and air, cell hydration, etc.
4. Stress levels over time (eg. chronic, acute, etc.)
5. Exposure to radiation and irradiated food.

Of course, there are many other factors that determine cell capacity to generate and emit light energy. A critical factor is the structured water in a plant during its life cycle. When a plant is detached from its life support system (soil or plant: in the case of fruit) the water structure in the plant slowly turns to a positive charge over a period of 48-60 hours. As the life-force energy of the plant is lost, so does its light energy (aura).

Below are images of examples of auras from both animate and inanimate objects: eg. humans, fingers, plants and a shell.



It is now understood that humans, plants, animals and even inanimate objects possess an **aura**. An aura has primary colors, like that of a rainbow. The color and size of the human aura varies depending on the emotional and physical health of an individual. For example, those people with happy and positive thoughts have wider and brighter auras. However, people with sad and negative thoughts have shallower and faded auras. The human cells are points of energy concentration where energies from the Universe and the cells meet, and distribute energy to various organs and systems of the body for regulation and healing.

Dimethyl sulfoxide (DMSO: C_2H_6OS) is naturally occurring compound in fruits, vegetables, grains, beverages and milk (eg. cow's milk: from metabolism within the cow); and is contained within the structured water of the source. It is already known in scientific papers that DMSO enhances the penetration of substances in to tissues and can cross a blood-brain barrier and cell membranes. That is, DMSO is involved in the transport of nutrients (particularly oxygen and Sulphur), however it does not bioaccumulate. When pure (99.9%) DMSO is extracted from plants it will freeze at $18.3^{\circ}C$, however when structured water is restored to the DMSO environment (say, 1-part structured water to 3-parts DMSO) it freezes at $0^{\circ}C$ (ie. outside of a cell structure, such as in a beaker). While research is very limited on the role of DMSO in plants, some studies on aquatic environments have shown DMSO to be involved in light

attenuation, photochemical oxidation, microbial consumption, transmutations and transformations. There are positive correlations between DMSO and chlorophyll in plants. Therefore, it can be hypothesized that DMSO may be involved in the utilisation of light photons in cells in a range of structured water environments. Similarly, it can be assumed that biological diversity and abundance is a critical pathway in this process.

While the exact role DMSO plays in cells is still subject to research, it is described as an antioxidant and cryoprotectant (ie. DMSO as a substance to protect biological tissue from freezing damage in plants by increasing the solute concentration in cells). It has been suggested that DMSO release through cell mortality or its permeative loss from cells, due to environmental or stress factors should be considered an important issue in cell cohesion and function.

The degradation DMSO in living systems or its low availability may diminish light energy utilisation and therefore cellular charge (-mV). Therefore, humans (and most animals) need to consume fresh organic, raw plants to maximise the uptake or metabolism of DMSO for cellular function. Similarly, laboratory experiments using DMSO in unstructured water will get false or less effective results. This principle also applies to experiments with cells in unstructured water (eg. in applications for preserving embryos, biological tissues and organs for transplant in an effort to eliminate freezing damage). Also, when DMSO is used for nutritional support to animals and humans it should be in structured water (ie. water that has a permanent negative charge).

The light energy in food is also affected by the manner of food processing. For example, in the images of the broccoli plant's energy (see images below) can change significantly from its organic state (straight from the soil) to a cooked state. Therefore, the energy and compounds transferred during digestion are vastly different.



Raw Organic Broccoli



Steamed Organic Broccoli

Clearly, the ideal way to increase cellular charge is to grow your own food and eat it directly from the garden. Also, freshly picked food retains the integrity of the DMSO in the plant. Good quality, fresh food is a key pathway to cellular renewal, wellbeing and longevity.

Plants can *remember and react* to information contained in light. Plants can transmit information about light intensity and quality from leaf to leaf in a very similar way to our own nervous systems. These *electro-chemical signals* are carried by cells that act as *nerves* of the plants. In experiments, scientists have demonstrated that light shone on to one leaf caused the whole plant to respond. Also, the response, which took the form of light-induced chemical reactions in the leaves, continued in the dark. This showed, that the plant *remembered* the information encoded in light. This process of cellular memory occurs in animal and human cells and consequently the nature of this memory can influence the cells energy capacity or strength.

Plants have specific memory for the light which builds its immunity against pathogens, and it can adjust to varying light conditions. Professor Karpinski discovered that plants used information encrypted in the light to immunise themselves against seasonal pathogens, even though every day or week of the season has a characteristic light quality. Similarly, plants have a memory for the heat (termed Effective Heat Degree Days or EHDD) they need to sum over time to achieve their bud burst, flowering for pollination and fruit maturity cycle.

The human body, like all living things, is a tremendously complex system, with billions of mutually constraining physical processes taking place all the time (eg. methylation, metabolism, detoxing, regulation, healing, etc.) These processes have an electrical component due to the charge at a cellular level. Death represents the cessation of some of those processes, however the energy component will persist after death, and possibly in the body up to 60 hours (Korotkov). Even setting aside the continuous electrical activity of the gut microbiome, there's no reason to think that cellular metabolism or even mitosis ought to suddenly cease at clinical death. There is every reason to assume that the energy from biological processes should take some time to *spin out* of a dead species (plants, microbes, insects, animals and humans). That's exactly what you'd expect from a physical system that has lost its capacity for an energetic dimension (ie. loss of its life support or energy flow system).

We know from laws of physics that energy cannot be created or destroyed: it just moves to another dimension or changes to another form. That is: *The law of conservation of energy, also known as the first law of thermodynamics, states that the energy of a closed system must remain constant: it can neither increase nor decrease without interference from outside. The universe itself is a closed system, so the total amount of energy in existence has always been the same. The forms that energy take, however, are constantly changing.* Each of these situations, however, is simply a case of energy changing form. Even the seemingly paradoxical (so called) dark energy causing the universe's expansion to accelerate, obeys this rule.

However, there is still the question of what form does the energy that leaves a body take in the new dimension outside of its human body. Given that cellular memory is embedded in this

energy, can the energy take the form of a soul energy in the new dimension? (eg. particularly as organ transplants occur with the 60 hours after death). This then leads to the question of soul purpose: both living and after living. The living energy in Incan culture is called *Kawsay Pacha*, and in the Yaminahua (an Amazonian shamanic tribe) this animated essence, or spirit of life, is known as *Yoshi*, while the Hawaiian Kahunas call this energy *Mana*. In this respect, there is a deep cultural belief that the soul is an energy or kind of energy that is the record of all human body experiences and relies on cellular energy for its existence. At the instance of when the human body ceases heart and brain pulse, this soul energy, leaves the human body and travels to the *spiritual world* over a period of 60 hours (2.5 days).

There is increasing agreement that the world is a living, vibrating being, and consequently everything within it is energetically interconnected. Vibrations repeat themselves in wave-like patterns using physical systems in the cellular atomic and subatomic realms which compose the entire universe. Besides, quantum physics is making huge strides in understanding these as *probability waves*. Quantum Physics and Mechanics both show that the physical universe is a sea of energy, and that all physical matter, at its fundamental level, is nothing more than a collection of electrical charges interacting with a background matrix of electromagnetic and other electric charges.

We now know that the electron is no longer thought of as a particle, spinning around the nucleus of the atom, but is conceptualised as being *virtual* (ie. the particle doesn't exist as separate from the wave outside of our space-time perception of it), and is spread throughout space as a quantum wave.

Inanimate objects and effects of energy transfer

The world is comprised of all sorts of natural things: some are living and some are inanimate, and therefore the most basic dichotomy is between living things and non-living things. Consequently, there is really nothing essentially different about living matter, because the non-living things still have atoms and molecules obeying the same laws of nature as everything else.

Before life, things were inanimate or non-living, eg. like minerals, sunlight and water. However, it is these inanimate things that gave rise to life. Evolution goes right the way back to Lithium, sodium chloride, hydrogen, methane, ammonia, etc. These elements, compounds and gasses are our ancestors: a simple feedstock of molecules that initiated life. That is, you start with a clump of atoms or molecules in saline water, shine light on them for long enough, and you get a single cell, and eventually a plant.

Perhaps then, we should think of these inanimate materials as having a consciousness or awareness for life. Clearly, water would fall in this definition as a material with consciousness, as there is no life without water and its dynamic capacities. We could also put light in the same category as water. However, we can assume that the light came first in the universe and is the source of all energy.

The pathway to human consciousness probably goes something like this:

1. The superlight was the first energy and it formed the water
2. The combination of the light and water formed the elements (ie. natural elements on the periodic table) that are now a fundamental part of life
3. The light, water and elements are the feedstock of molecules that formed the first single cell microbe
4. Cells evolved to form plants, animals and eventually humans

Energy can be in many forms, such as electro-magnetic energy of sunlight, magnetic, gravity, etc. Observation of energy production can stimulate information, however the mechanism of the energy formation and its sources can be a mystery.

For example, in a Phi ω n experiment to make an improved form of magnesium oil in a stainless-steel container, the following and unexpected things happened; and the source of the energy to make it happen is still not solved.

Below is the image of the stainless-steel pot that contained seawater, concentrated sea water, dead sea minerals and Himalayan salt, and these ingredients were heated to 100⁰ C and left to cool to room temperature. Within 10 days the pot was transformed through a natural energy source.



The pot continued to disintegrate after 10 days with other splits forming and opening plates out in a rose like pattern. This is the 3rd pot destroyed using this technique and formulation. Has a subtle and vortex energy changed the metal integrity of the pot? Certainly, this pot contained the ingredients (an elemental soup with water and light) for energy production and perhaps the trigger for life.

While there was no known, spontaneous emergence of life from this pot, it does leave many questions to ponder: what form of energy was generated from this *elemental soup* is a fascinating potential piece of the puzzle to life's evolution, ie. using the energy of inanimate matter to create the form and power of life.

It is very likely that water first appeared in a structured, six-sided crystalline form because the combination of light and movement created this natural form. Seawater then developed with a % composition of minerals that remains relatively constant, and with chlorine and sodium as the primary minerals (eg. NaCl), and along with Potassium (K) are fundamental to cell function.

Ultimately, everything that's a *thing* has some energy associated with it. Energy comes in all kinds of different forms and can be converted from one form to another. Basically, both living and non-living things, share various types of energy. As humans, we are a bundle of electrically charged cells, and we relate to all other forms of natural energy. However, and unfortunately our cell health is adversely affected by man-made energies (eg. radiation from microwave ovens, mobile phones, transmission towers, etc.). Also, the structures that we live in can block or accumulate toxic forms of natural energies. The toxic energies (a form of radiation) that accumulate in buildings (eg. steel framed) can have adverse health effects. Similarly, houses build with rammed earth from igneous rock (granite and basalt) sources can emit toxic radon gasses that can initially cause nausea and eventually cancer.

In effect, we are messing with people's wellbeing by creating man-made energies (ie. frictional heat in microwave ovens) and using building structures that transform or interfere with the natural flow of earth energies.

Natural healing verses synthetic curing

During the late nineteenth and early twentieth centuries medical science became more quantified, where objective measurement of chemistry meant everything. This period also witnessed the expansion of technologies for medicinal therapies, that also led to a decline in natural healing practices. Consequently, the idea of vital cellular energy as the source of health and healing was dismissed. Medical doctors in the early 1900s used chemistry to explain life and used drugs to treat disease. Subsequently, the medical system discredited vitalism, and promoted *Rockefeller medicine*. However, with the increasing understanding and relevance of quantum physics there has been a resurgence of the ideas that living things have inbuilt self-regulating and self-healing systems, based on the vitality of the system's biofield (light energy).

Modern medicine is practiced as a *curing art*, with the objective of using synthesised drugs rather than using natural means as a *self-healing art*. The primary goal of modern medical intervention is to diagnosis symptoms, then reduce or eliminate the symptoms (sickness or disease) so that the symptoms or condition are felt less. The goal of self-healing is to bring about a closer holistic connection in mind, body and spirit so that we can feel a stronger wellbeing and reduce disease. Self- healing and curing are separate and distinct paradigms that divides society.

The practice of self-healing is the acceptance that **prevention is better than the cure**. This requires an understanding of the vital energy of cells and how cells can best communicate to enable self-regulation and self-healing. Symptoms are simply the body's way of getting our attention to bring about the necessary change to a healing regime. Unfortunately, since 1910 the goals of the pharmaceutical industry have become regulations in government who, along with medical associations, roll out *Rockefeller medicine* and demonise any **natural healing regime that relies on sunlight energy, nutrient dense food and structured water as the medicine of all animals and humans**.

The capacity to heal holistically requires a recognition that the body is composed of interdependent and interrelated cells and systems. The physical body is one component of the whole, which includes the emotional and the spiritual energy pathways (eg. the chakras). When the body signals a change to diet and lifestyle, and these signals go unheeded and *Rockefeller medicine* is used, we slip into cell dysfunction, tiredness, sickness and then disease.

Therefore, the *vitalistic philosophy* that an energy source underlies the well-being of life, and that organisms self-regulate. This homeostatic balance depends on the flow of life force-energy which can continually re-establish equilibrium. Part of the theory of homeostasis stresses that the fluids and cells in the human body align in an essentially constant state, despite varied and endless changes to external environments or forces (stresses). The constant functioning of cells is a condition paramount to the independent life of animals and humans. The maintenance of cell stability is dependent upon cell cohesion, and this requires all cells to be nourished with sunlight, vital food and structured water.

Conclusion

As we become increasingly more aware of our environment and our relationship with the environment, we will become more attuned to our body energy and wellbeing. Understanding our environment is a good starting point for a pathway to wellbeing, and our sensitivity to other life forms and matter around us, from the universe to our inner body cell function.

All of Earth's existence has been formed from the collision of randomness and order of natural energy flows. Both inanimate particles as well as life forms evolved and took hold through natural selection and the laws of nature. Everything in the universe interacts with an energy environment, including all living species. It is credible that evolution comes from acquired characteristics that everything has consciousness and is connected through energy absorption and emanation.

Vitalism, a doctrine that the functions of a living organism are due to a vital principle distinct from physicochemical forces emerged over centuries and peaked in the early twentieth century. This doctrine considered life, in some part, as self-determining. This doctrine was largely abandoned during the later-part of the twentieth century. However, the impression that animate beings differ in some fundamental way from inanimate objects continues to thrive. In this paper, it is argued that the scale of *free patterns*, found throughout nature (eg. *the structure of water, and the sacred geometry of all living and non-living forms*), present convincing evidence that this demarcation between living and inanimate matter is only imaginary.

Therefore, all living and non-living systems ought to be regarded as alike or intermeshed, ie. all are consuming free energy. In this way, evolutionary processes can be understood as a series of steps with changes from one state to another. That is, the flows of energy naturally select

those ways and means, such as by species, societies and some technologies to consume free energy. This enables them to attain balance in dynamic surroundings and energy forms.

Ultimately, this balance can only be achieved primarily through structured water and light photons. Human life is like a snow flake: it has history and every individual is different due to the continuous and seamless entanglement of energies and environments over time and space. One of the common themes in biology and medicine is the feeling that somehow there must be *more*. We simply *know* that life must be more than matter, and matter must be more than life.

It is unfortunate as humans we have been conditioned to believe that the human brain and mind are the centre for consciousness. Humans did not evolve first, therefore, the idea that all inanimate matter has sentience or consciousness has a foundation in life. Perhaps, human consciousness is the cellular accumulation or embodiment of consciousness (as energy) from light, water, elements, plants and animals. That is, we are suffused with other kinds of consciousness. Besides the brain is physically and energetically connected to every organ and system cell in the human body through the Vagus (brain) nerve, as an integrated cellular, energetic system. In effect, our mind and consciousness are embedded everywhere, as are our instincts, intuition, creativity, emotions, libido, etc. For example, where do ideas come from?

Perhaps the only test of whether something has consciousness is whether it has an aura (ie. emulates light). It is known that water in a structured, negatively charged form has a blue aura (see image on page 7) and that water in a non-structured form has no aura (ie. therefore, no consciousness). Water in motion immediately goes into a vortex action to restore its structured form and consciousness. So, how does water have a knowing or awareness to vortex?

Since we do not fully understand what consciousness is, we need to ask: how did consciousness evolved from inanimate matter? Clearly, as consciousness evolved into living things the energetic connection with other living things had to evolve consciousness to support adaptation and survival (ie. epigenetics). Consequently, the sensitivity of consciousness evolved to the point of feelings, and the receptors of reward, pain, experience (memory); the cyclic patterns for reproduction, sleep, etc. However, this evolution of consciousness to humans has brought drawbacks. If the human brain is the centre of our consciousness why does it create some much fear and violence towards others, animals and the environment?

Science, like life is an evolving process and only becomes *stale* when it sets boundaries to ideas. Many of the ideas expressed in this paper fall outside of conventional science boundaries. Many scientists would claim that the ideas in this paper *virtually leave the realm of science by falling back on some unknown, and presumably unknowable or unmeasurable factors*. However, like the *distorting pot* example on page 14, things happen through the laws of nature that are not explained by the laws of science. Where did the energy come from to slice this pot apart?