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REVIEW ARTICLE

WHAT IS LIFE ? QUANTUM MECHANICS (QM) NEITHER UNDERPINS CHEMISTRY NOR BIOLOGY

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ABSTRACT

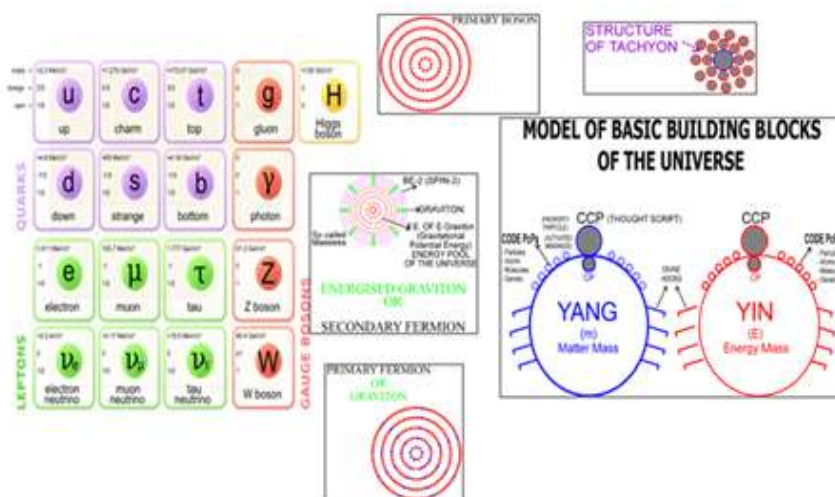
Dr Mc Fadden and Dr Al Khalili who are pioneer in molecular biology and nuclear physics are unnecessary explaining Biology with QM. Both are separate identity or phenomena and both are triggered by MIND the ToE (theory of everything) The effects of matter and energy are different in different branches of science. In physics the effects are classified as classical physics and quantum physics. While in life sciences the effects are not physical rather they are associated with thoughts also. What are the basis of physical sciences as well as of life sciences or how laws of physics as well as of life sciences are made that is to be discussed in a very simple way. One has to equip with structure of the matter, origin of the universe and atomic genes as taught by participatory science. The standard model not only modified rather it has been completed (<http://physicsworld.com/cws/article/indepth/2009/jul/01/the-quantum-life>) with introduction of energized gravitons, primary fermions, primary bosons, Basic Building Blocks, Mind and Tachyons.

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INTRODUCTION

The behavior of Na, K, Ca in chemistry is different. But once they enter in body, their behavior is different and it is due to higher thought expressions by B.B.B s of which they are made up of. That is how chemistry ends and biology begins. Thus Quantum Mechanics (QM) neither underpins chemistry nor biology.

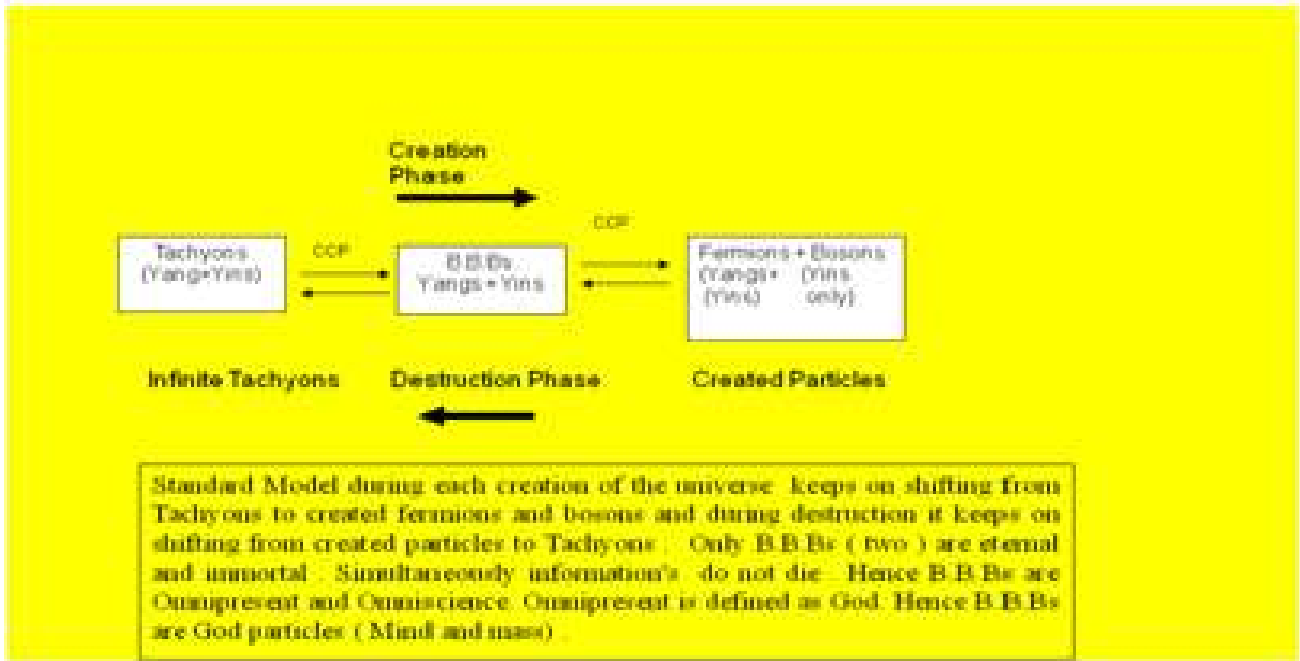
What is Quantum Mechanics (QM)?



Standard model completed with Fundamental particles and Mind And Tachyons

Standard Model chart (<http://physicsworld.com/cws/article/indepth/2009/jul/01/the-quantum-life>)

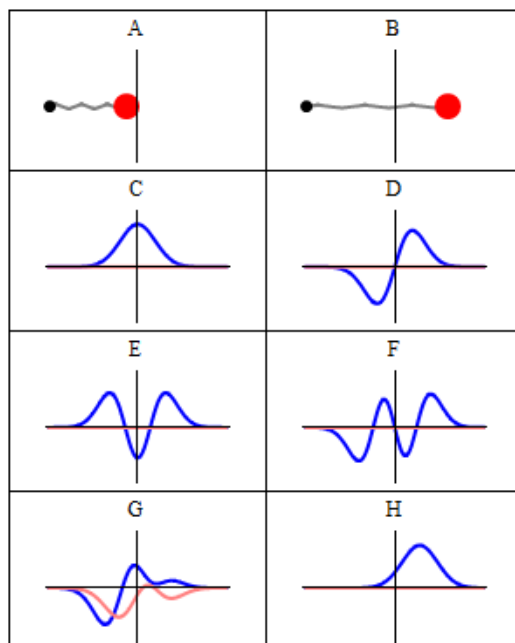
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One creation and destruction cycle

Wave Particle Duality - A Myth

The Schrödinger equation determines the allowed wave functions for the system and how they evolve over time. A wave function behaves qualitatively like other waves, such as water waves or waves on a string, because the Schrödinger equation is mathematically a type of wave equation. This explains the name "wave function", and gives rise to wave-particle duality. The wave of the wave function, however, is not a wave in physical space; it is a wave in an abstract mathematical "space", and in this respect it differs fundamentally from water waves or waves on a string. (file:///C:/Documents%20and%20Settings/hp/Desktop/Wave%20function%20-%20Wikipedia,%20the%20free%20encyclopedia.html)



Comparison of classical and quantum harmonic oscillator conceptions for a single spin less particle. The two processes differ greatly. The classical process (A–B) is represented as the motion of a particle along a trajectory. The quantum process (C–H) has no such trajectory. Rather, it is represented as a wave. Panels (C–F) show four different standing wave solutions of the Schrödinger equation. Panels (G–H) further show two different wave functions that are solutions of the Schrödinger equation but not standing waves

## Quantum Tunneling --wrong depiction

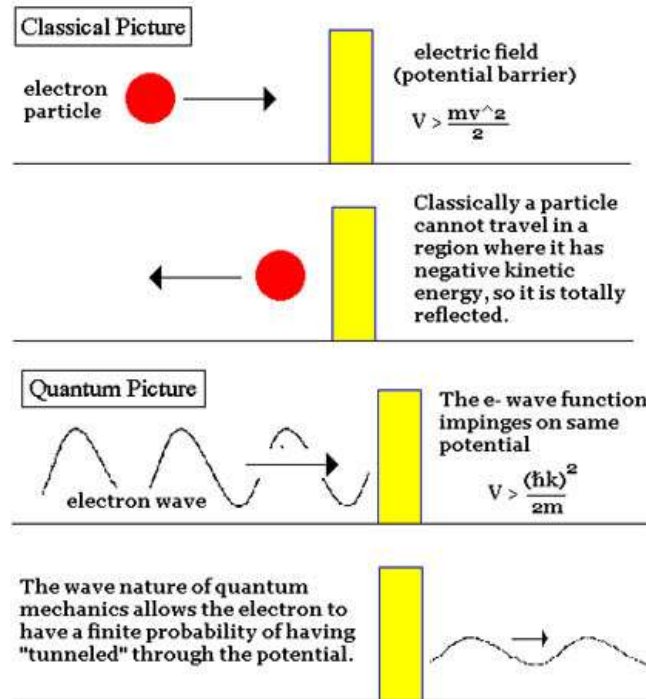


Fig . Wrong Depiction of Dual Nature of Electron and phenomenon of Quantum Tunneling [2]

Wave function gets real in quantum experiment (<http://www.newscientist.com/article/dn26893-wave-function-gets-real-in-quantum-experiment.html#.VQDCvdJ9s6Y>). It is all Myth and Illusion

1.It underpins the whole theory of quantum mechanics, but does it exist? For nearly a century physicists have argued about whether the wave function is a real part of the world or just a mathematical tool. Now, the first experiment in years to draw a line in the quantum sand suggests we should take it seriously. (<http://www.newscientist.com/article/dn26893-wave-function-gets-real-in-quantum-experiment.html#.VQDCvdJ9s6Y>)

2.The wave function helps predict the results of quantum experiments with incredible accuracy. But it describes a world where particles have fuzzy properties – for example, existing in two places at the same time. Erwin Schrödinger argued in 1935 that treating the wave function as a real thing leads to the perplexing situation where a cat in a box can be both dead and alive, until someone opens the box and observes it.

3.Those who want an objective description of the world – one that doesn't depend on how you're looking at it – have two options. They can accept that the wave function is real and that the cat is both dead and alive. Or they can argue that the wave function is just a mathematical tool, which represents our lack of knowledge about the status of the poor cat, sometimes called the "epistemic interpretation". This was the interpretation favored by Albert Einstein, who allegedly asked, "Do you really believe the moon exists only when you look at it?"

4.Now, Eric Cavalcanti at the University of Sydney and Alessandro Fedrizzi at the University of Queensland, both in Australia, and their colleagues have made a measurement of the reality of the quantum wave function. Their results rule out a large class of interpretations of quantum mechanics and suggest that if there is any objective description of the world, the famous wave function is part of it: Schrödinger's cat actually is both dead and alive.

5."In my opinion, this is the first experiment to place significant bounds on the viability of an epistemic interpretation of the quantum state," says Matthew Leifer at the Perimeter Institute in Waterloo, Canada.

6.The experiment relies on the quantum properties of something that could be in one of two states, as long as the states are not complete opposites of each other: like a photon that is polarised vertically or on a diagonal, but not horizontally. If the wave function is real, then a single experiment should not be able to determine its polarisation – it can have both until you take more measurements.

7. Alternatively, if the wave function is not real, then there is no fuzziness and the photon is in a single polarisation state all along. The researchers published a mathematical proof last year showing that, in this case, each measurement you make reveals some information about the polarisation.

8. In a complicated setup that involved pairs of photons and hundreds of very accurate measurements, the team showed that the wave function must be real: not enough information could be gained about the polarisation of the photons to imply they were in particular states before measurement.

9. There are a few ways to save the epistemic view, the team says, but they invite other exotic interpretations. Killing the wave function could mean leaving open the door to many interacting worlds and retrocausality – the idea that things that happen in the future can influence the past.

10. The results leave some wiggle room, though, because they didn't completely rule out the possibility of some underlying non-fuzzy reality. There may still be a way to distinguish quantum states from each other that their experiment didn't capture. But Howard Wiseman from Griffith University in Brisbane, Australia, says that shouldn't weaken the results. "It's saying there's definitely some reality to the wave function," he says. "You have to admit that to some extent there's some reality to the wave function, so if you've gone that far, why don't you just go the whole way?"

11. Journal reference: *Nature Physics*, DOI: 10.1038/nphys3233

### What is life? By Physicist and Molecular Biologist


**The quantum life** (<http://physicsworld.com/cws/article/indepth/2009/jul/01/the-quantum-life>)

Jul 1, 2009 9 comments

The idea that quantum mechanics can explain many fundamental aspects of life is resurging, as Paul Davies reveals - It is all illusion and Myth.

To a physicist, life seems little short of miraculous — all those stupid atoms getting together to perform such clever tricks! For centuries, living organisms were regarded as some sort of magic matter. Today, we know that no special “life force” is at work in biology; there is just ordinary matter doing extraordinary things, all the while obeying the familiar laws of physics. What, then, is the secret of life’s remarkable properties?

In the late 1940s and 1950s it was fashionable to suppose that quantum mechanics — or perhaps some soon-to-be-formulated “post-quantum mechanics” — held the key to the mystery of life. Flushed with their success in explaining the properties of non-living matter, the founders of quantum mechanics hoped their theory was both weird enough and powerful enough to explain the peculiar living state of matter too. Niels Bohr, Werner Heisenberg and Eugene Wigner all offered speculations, while Erwin Schrödinger’s famous book *What is Life?*, published in 1944, paved the way for the birth of molecular biology in the 1950s.

A quantum sense of smell ( Physics World - the member magazine of the Institute of Physics) Mar 24, 2015 2 comments  
Skip to thtent

When you slice into an orange, it doesn't take long for the sweet, sharp smell of citrus to fill the air. But what are you actually smelling ? And how does your nose tell the difference between the orange's tangy odour and the more subtle fragrance of an apple? In this podcast, Johnjo McFadden and Jim Al-Khalili explain how quantum mechanics may be helping our noses distinguish between apples, oranges and a thousand other scents



On the face of it, Johnjoe McFadden and Jim Al-Khalili make unlikely collaborators. McFadden is a molecular geneticist who specializes in the study of tuberculosis. He thinks in pictures and concepts, and his laboratory at the University of Surrey in the UK is full of machines oscillating flasks and people monitoring colonies of bacteria. Al-Khalili, meanwhile, is a theoretical nuclear physicist. He thinks in mathematics and equations, and for the most part his work requires only a whiteboard and a computer. What unites this apples-and-oranges pair of scientists is their interest in quantum biology – a new and growing field where practitioners seek to understand how quantum-mechanical processes affect biological systems. Biological systems such as the human nose. In this podcast, you will hear McFadden and Al-Khalili discuss a possible quantum solution to a long-standing biological puzzle: how does the nose "know" the difference between scent molecules? One of the most intriguing theories, developed by the biophysicist Luca Turin, is that it might come down to a process called inelastic quantum tunnelling. As Al-Khalili explains in the podcast, inelastic quantum tunnelling occurs when an electron dumps a bit of excess energy in order to tunnel to an empty energy level in a nearby atom. Turin's theory is that this type of tunnelling event is what triggers the firing of olfactory neurons in the nose, thus sending a signal to our brains that gives us the "experience" of smelling something. However, such tunnelling can only take place when a scent molecule is present and able to absorb the electron's excess energy – and that will only happen if one of the chemical bonds in the scent molecule has the right vibrational frequency. So when we slice into an orange and take a sniff, our noses may actually be sensing the vibrations of chemical bonds in a molecule called limonene, which is responsible for most of the orange's citrusy scent. The nose isn't the only biological system with a possible quantum connection, though. If this podcast whets your appetite for some more examples, you might want to check out McFadden and Al-Khalili's new book *Life on the Edge*. The book is written for a popular-science audience, and at the end of the podcast, you'll hear the pair discussing some of the challenges they faced in writing it.

M. Asghar Mar 24, 2015 6:58 PM

### **Nose and mouth**

If the nose's sensors of smelling are really proven to be triggered by the quantum inelastic tunneling due to the presence of the different perfume molecules, then, how are triggered the mouth's different sensors of different tastes? Naively, in both the cases the process should be the same and the taste is just the mouth's way of smelling!

Reply to this comment Offensive? Unsuitable? Notify Editor

vijaydas Apr 1, 2015 12:31 PM Fatehgarh, India

### **Mind And Mass**

Quote:

Originally posted by M. Asghar

If the nose's sensors of smelling are really proven to be triggered by the quantum inelastic tunneling due to the presence of the different perfume molecules, then, how are triggered the mouth's different sensors of different tastes? Naively, in both the cases the process should be the same and the taste is just the mouth's way of smelling!

Our senses receive different activated Mindness of smell, taste, colour, sounds, and general senses like pain, pressure, touch, vibrations, stereognosis, kinaesthetic. These are outer messages. The inner messages are also different activated mindness of creative thoughts, anger, hunger, thirst, libido, dreams, etc. All received mindnesses are sent to realisation centre present in RAS (reticular System) where different mindnesses are realised by "I" and we say we have received different sensations. It has nothing to do with Quantum mechanics and Quantum tunnelling. Theory of everything is MIND and it has not being investigated yet.

dasvijaymohan1@gmail.com

### **Structure**

Quantum Mechanics (QM) neither underpins chemistry nor biology. Neither chemistry underpins biology. All three phenomena are different. Biology is separate phenomenon and QM is separate. All are triggered by separate MIND. Hence Genetic mutations are never controlled by QM and tunneling. The basis of classical physics, Quantum Mechanics (proton tunneling) and genetic mutations is Mind. How did chemistry become biology would be discussed under how did first systole trigger in Heart in embryonic life in utero at 7 weeks of gestation.

### **Atomic genetics and First systole of Heart**

How does first systole occur in utero?

There are 4 chemical gradient events as well as few electrical gradient events in one cardiac cycle.

- 1.4- phase -Spontaneous diastolic depolarization (SDD) (Na -in) (it is specific in SA node)
- 2.0- Depolarization (Na -in, Ca -in)
- 3.3, Re-polarization (K- out)
- 4.3. Late phase - Re polarization (Na -out, Ca out and K- in) (not shown in Figure 2)

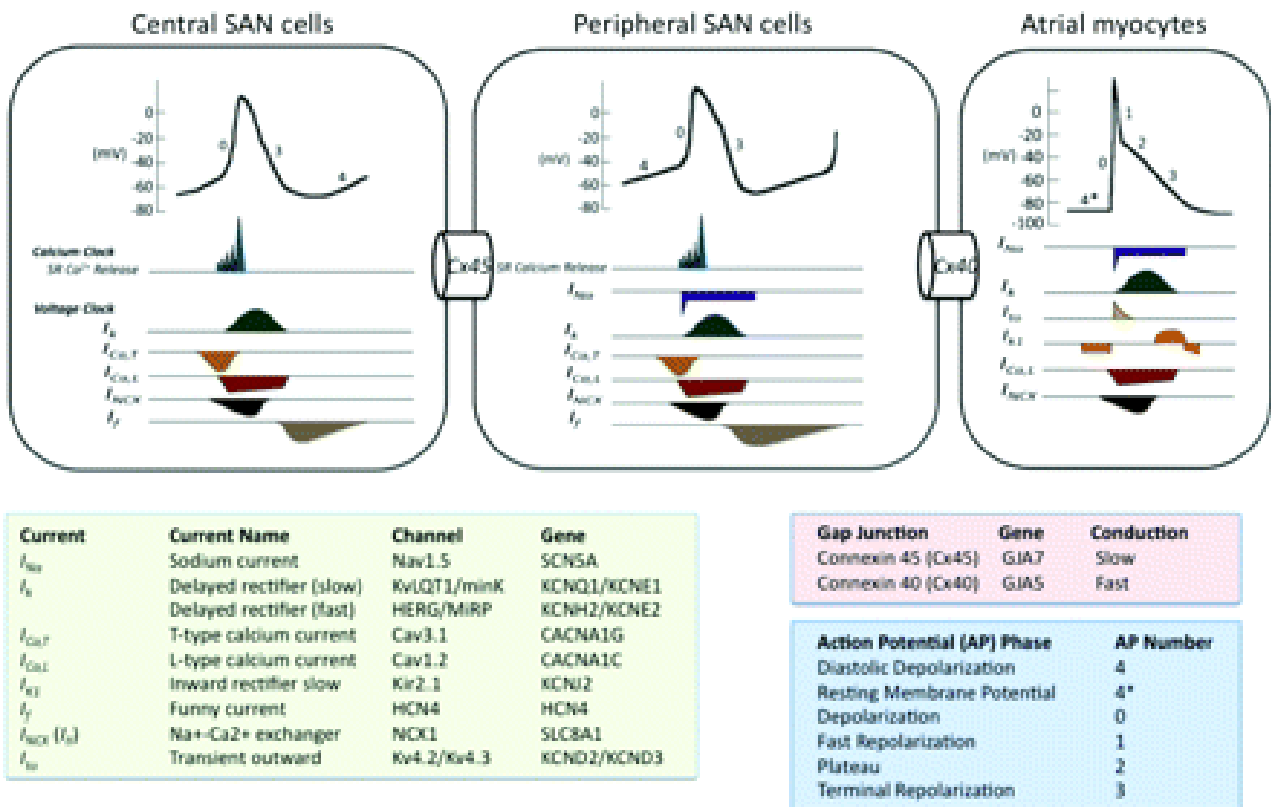


Figure 1. SAN Action Potential

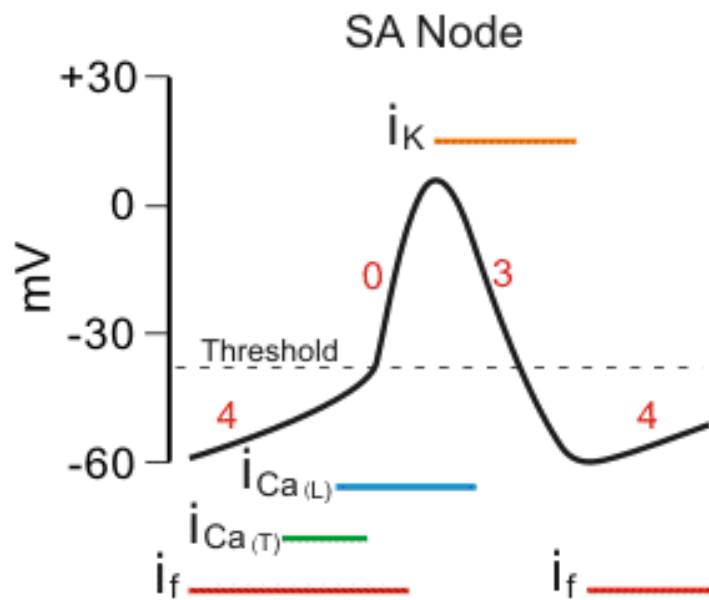
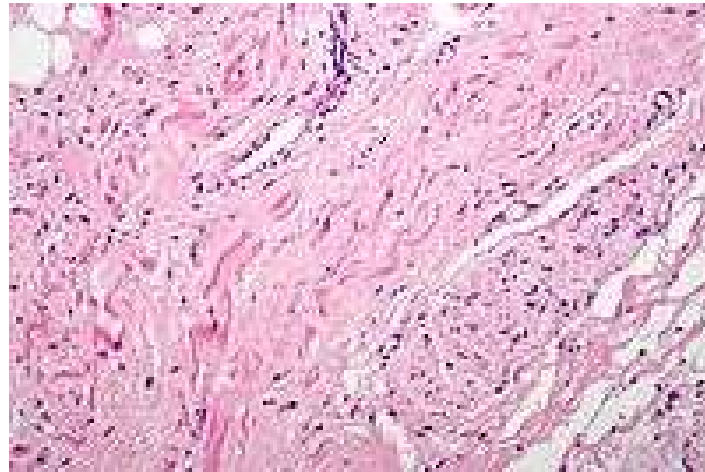


Figure 2. S. A. Node action potential (CV physiology <http://www.cvphysiology.com/Arrhythmias/A004.htm> RK Revised 12/13/08)

Before first systole occur in utero, there is chemical gradient (Na and Ca outside and K -in side) and there is electrical gradient (outside +ve and inside -ve) across the cell membrane of S. A. Node tissue. The energy supplied to maintain these two gradients by ATP and there is conscious pump and channels or gates also that keeps chemical gradients intact. (Figure 3)

**Histology (Wikipedia [http://en.wikipedia.org/wiki/Sinoatrial\\_node](http://en.wikipedia.org/wiki/Sinoatrial_node))**



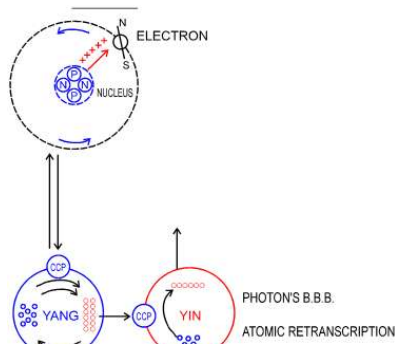
**Figure 3. histology of S. A. Node**

High magnification micrograph of sinoatrial node tissue and an adjacent nerve fibre. H&E stain.

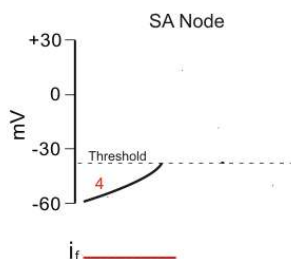
The sinoatrial node is submyocardial at the lateral aspect of the junction of the superior vena cava and right atrium. Its deep aspect abuts cardiac myocytes belonging to the right atrium. Its superficial aspect is covered by adipose tissue. The SA node fibres vaguely resemble cardiac myocytes; however, they are measurably thinner, more tortuous and stain less intensely (on H&E) than cardiac myocytes.

**Membrane theory**

It is membrane of the cell of S.A. Node which is responsible for generation of chemical gradient as well as electrical gradient with generation of First Action potential (AP) in utero. Membrane is made up of atoms and atom is made up of basic building blocks (B.B.Bs). One B.B.B (Yang B.B.B) is higher center and following thoughts are expressed here step by step. (Figure 4, Figure 5, Figure 6 and Figure 7)



**ATOMIC TRANSCRIPTION OF SLOW DIASTOLIC DEPOLARIZATION**



Thoughts of chemical gradient and electric gradient.

- 1.Thought of influx of Na ions
- 2.Thought of opening of Na Channel gate .
- 3. Thought of release of energy from ATP .

These three messages ( Code PCPs ) are generated here .

They reach to respected target units via nucleus of the atom to electron of the atom of membrane .

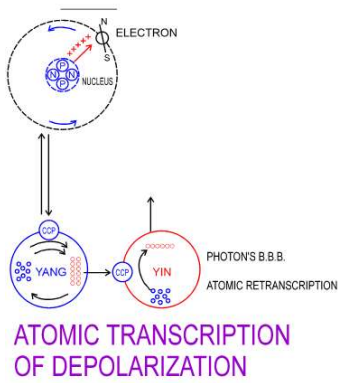
Having received the messages by respected targets units , the effect is visualized as

Slow diastolic depolarization. ( phase 4)

- 1. Influx of Na ions ( I<sub>f</sub>)
- 2. Opening of Na Channel
- 3. Energy is released from ATP and we see formation of action potential curve from -60 mV to -40 mV ( threshold level ) .
- 4. The electrical gradient is +ve outside and -ve inside .

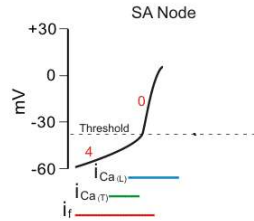
**Figure 4. SDD phase**





- Thoughts of further chemical gradient and electric gradient.  
 Depolarization Phase 0 –
1. Thought of influx of Na ions and Ca ions (Ca (L) and Ca (T))
  2. Thought of opening of Na Channel gate and Ca channel gate .
  3. Thought of energy release from ATP ( curve moves from -40mV to + 20mV )
  4. Thought of conscious jump of electrical photon from +ve pole to -ve pole ( Propagation of wave )

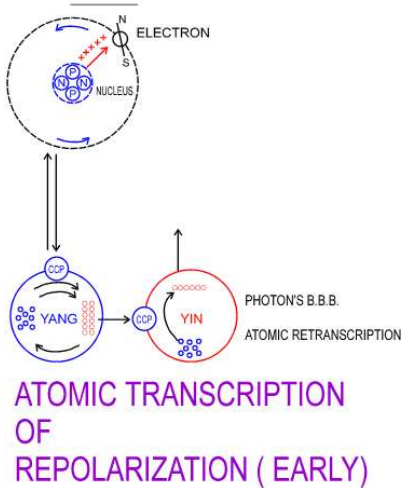
These four messages ( Code CCPs ) are generated here .  
 They reach to respected targets units via nucleus of atom to electron of atom of the membrane



- Having received the messages by respected target units , the effect is visualized as
- Depolarization (0)**
1. Influx of Na and Ca ions
  2. Opening of Na and Ca channels
  3. There is release of energy from ATP and curve moves from -40 mV to + 20 mV.
  4. There is reversal of electrical gradient i.e. +ve inside the membrane and -ve outside .
  5. This causes jumping of electrical energy photon from +ve pole to -ve pole inside membrane as propagation of depolarized wave .

**Figure 5. Depolarization Phase**

This phase is central to rapid propagation of the cardiac impulse (conduction velocity,  $\theta=1$  m/s). As soon as depolarization wave propagates, we observe 1<sup>st</sup> systole of heart.(Atria) The propagated wave triggers depolarization thoughts of the atria up to A. V. Node. From here, the depolarization wave moves in bundles of His and then right and left bundle branch and finally reaching to Purkinje's fibers and finally depolarizes ventricle and ventricle contracts.



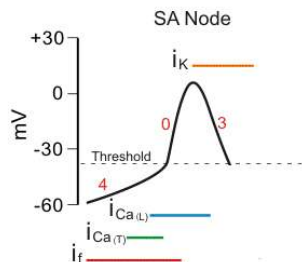
During this phase following thoughts are expressed

1. Thought of efflux of K ions
2. Thought of Opening of K channel or gate
3. No thought of release of energy ( curve falls )
4. No thought of conscious jump

The two messages ( Code CCPs ) are generated

They reach to following target units via nucleus of the atom to electron of the atom of the membrane .

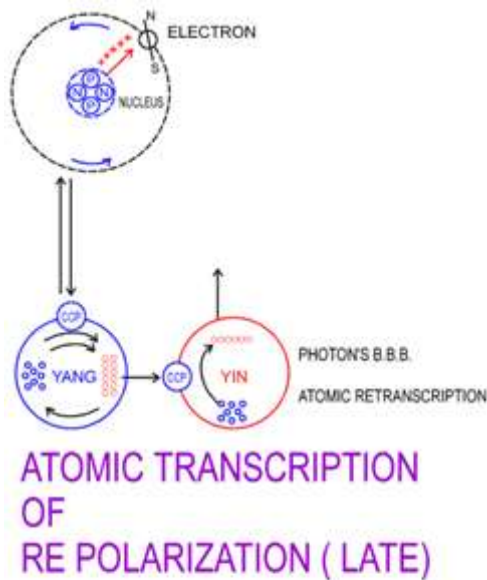
Having received the messages by target units , we observe



- Re polarization ( 3- early )**
1. Efflux of K ions
  2. Opening of K channel
  3. curve moves from +20 mv to -40 mV ( curve falls)
  4. efflux of K ions . This causes reversal of electrical gradient i.e +ve outside and -ve inside across the membrane .

**Figure 6. Re polarization –early Phase**





During this phase following thoughts are expressed.

1. Thought of efflux of Na and Ca
2. Thought of influx of K
3. Thought of closing of Na, Ca and K channels
4. No thought of release of energy (curve falls)

The following messages (Code PCPs) are generated

They reach to respected targets units via nucleus of atom to electron of atom of membrane.

Having received the messages they work accordingly and we observe

Re Polarization (3- Late Phase)

1. efflux of Na ions and Ca ions
2. influx of K ions
3. closure of Na, Ca and K channels or Gate.
4. The curve moves from -40 mV to -60 mV (curve falls)
5. The electrical gradient is +ve outside and -ve inside the cell.

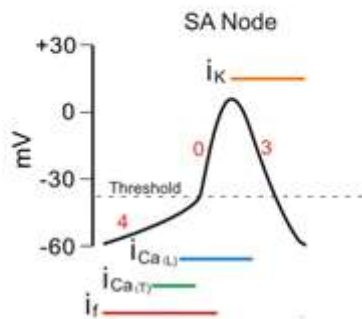


Figure 7. Re polarization late Phase

The action potentials of pacemaker cells in the sinoatrial (SA) and atrioventricular (AV) nodes are significantly different from those in working myocardium. The membrane potential at the onset of phase 4 is more depolarized (-50 to -65 mV), undergoes slow diastolic depolarization, and gradually merges into phase 0.

Apart from chemical gradient there develops electrical gradient. The functions of electrical gradient are

1. To have conscious jump electrical photon from +ve pole (ion -Ca, Na) to -ve pole (ion - K) inside from 1<sup>st</sup> (SA node) to 2<sup>nd</sup> another place (atrial myocardium).  
To depolarize the 2<sup>nd</sup> place to trigger chemical gradient across the membrane i.e. onset of 2<sup>nd</sup> depolarization. Having done this there would develop 2<sup>nd</sup> conscious jump of electrical photon from 2<sup>nd</sup> +ve pole (Na) to 2<sup>nd</sup> -ve pole (K) inside as well as outside from 2<sup>nd</sup> place (atria) to 3<sup>rd</sup> place (atria).

This 'mini-circuit' (Figure 8) stimulates the adjacent area and, therefore, an action potential occurs. This process repeats itself and action potentials move down the nerve cell membrane. This 'movement' of action potentials is called an impulse.

2. Thus current flows from one place (SA node to myocardium of atria)

3. The electrical energy during conscious jumping is supplied by ATP of mitochondria. Hence the voltage of cell inside moves from -60 mV to -40 mV to +20 mV. Which could be recorded. During de-polarization (0) and re-polarization (3), this energy (from ATP) is used in making of chemical gradient. And during 3 phase (late) energy is used in restoration of chemical gradient (Na out) (Ca Out) and (K in) and thus electrical gradient is also restored +ve outside and -ve inside during re-polarization.

4. In phase 4 again, Na ion goes in and thus SDD is triggered. The cycle is repeated.

It is the cycle of chemical gradient as well as electrical gradient with conscious jumping of electrical energy photons i.e. propagation of depolarized wave from one part to another part of heart. The energy is supplied by ATP. The all effects are triggered by thoughts step by step without resting potential.

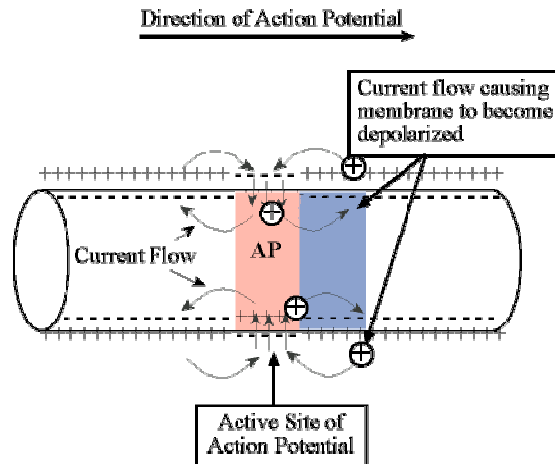


Figure 8. propagation of depolarized wave

## Conclusion

The behavior of Na, K, Ca in chemistry is different. But once they enter in body, their behavior is different and it is due to higher thought expressions by B.B.B s of which they are made up of. That is how chemistry ends and biology begins.

## Strata of reality

A Mechanics, B. Statistical mechanics, C. Quantum mechanics – Tunneling etc and D. Divine Mechanics (Mind and Mass Reality) Unless one know Mind Reality, one can never explain Mechanics, Statistical Mechanics, Quantum Mechanics and Life. In all mechanics the expression of thought is different hence all are separate and they never underpins each other.

## How does Heredity work?

Self replication and mutations are triggered by unconditioned thought expression or conditioned thought expression.

## Where does life fit in the reality strata?

It is completely a separate strata and no one underpins one another.

## What is quantum entanglement?

Communicate instantaneous connection between particles how far they are. Once you understand message system of the universe and message network of the universe, you can understand Quantum Entanglement. In prayer, our B.B.B in brain communicate Almighty B.B.B situated in invisible universe about more than 4239.22 MPC through First transcription (within no time).

## 2.3 Message system of the Universe

Before the origin of the universe nature had only one type of message systems which is called first transcription. Messages used to go from one B.B.B. to another B.B.B. by atomic transcription. Messages were carried by atomic genes with very high velocity. It is the fundamental message system.

After the origin of the universe, nature created atoms. It also created one more message system called second transcription. Here the message (code PCPS) are carried by photons from one atom to another atom with velocity of light. Thus atoms, molecules, cells, and even individuals talk with one another

After the formation of the cell, nature created one more system called third transcription. Here there is a message storage system formed by DNA. There are messenger molecules called mRNA that carry message from DNA script to cytoplasm where the message (code PCPs) is read or translated by ribosome and they work accordingly. Thus the messages reach to enzymes and hormones and finally messages reach to target units. Having received the messages, target units work accordingly. Finally life effects (metabolic) are observed.

These three types of message systems are working in the nature. These message system are being used by the nature according to nature's need. (Fig-9)

### How does nature work and triggering of normal & abnormal effects (Fig-10 and 11)

To understand creation physics we have to see Fig- 10 and Fig -11.. There are two types of thought stimulation. One is Conditioned thought Stimulation and other one is unconditioned thought stimulation.

Stimulation of thought expression --- There are two types of thought expressions one is conditioned stimulation of thought expression, and other one is self stimulation of thoughts i.e. unconditioned stimulation of thought expression.

At the time of the origin of the universe, all effects got created. The cause of all effects of the universe is thought expression. These thought expressions were triggered by unconditioned or self stimulated way. It is the first step and it is followed by programming or formation of programmed messages by code PCPs. This programmed message moves from higher centers to target B.B.Bs. it is called interaction. Having received the messages, the mind and mass of the target B.B.Bs. work in a synchronized way so as to produced the effects as thought by a the higher center. If the thought expression by higher center is normal, the shapes, properties and laws produced by target B.B.Bs. would be normal and if the thought expressions are abnormal, the shapes, properties and laws would be abnormal. This is the basic concept of transmutation phenomenon. Finally what we observe is called effect.

Appearance of new shapes, properties and laws is called transmutation. The first three steps are collectively called CCP. During transmutation process if CCP is written, it does mean that unless the thought, programming and interaction take place, nature cannot transmutate. Transmutation phenomenon is seen in particles, atoms, molecules and even in cells. The basic steps of any transmutation remain the same except that the thought expressions differ.

The subatomic particle are made up of more fundamental particles called Basic Building Blocks (B.B.Bs) which are made up of mind and mass. These B.B.Bs are divine in nature with the result they talk with each other by phenomenon called atomic transcription and translation (thought expressions). The triggering of broken symmetry is caused by atomic transcriptions. Unless the atomic transcriptions occur, subatomic particles could never exhibit phenomenon of broken symmetry. So the broken symmetry is never spontaneous. It is being mis understood that sub atomic particles do have spontaneous activities as far as broken symmetry is concerned. Hence the Nobel prize physics 2008 awarded to this work is too early to give prize.

### Message network of the Universe (Feed Back Mechanism and different centers of the Universe)

With the origin of universe, nature first created primary units i.e. primary fermions (gravitation) and primary boson, these primary units are equipped with one higher center (one B.B.B.) and rest of the B.B.Bs. are working as lower centers or target B.B.Bs. After primary units, nature created secondary units i.e. secondary fermions and secondary bosons. similarly nature created tertiary units (lepto-quarks) and then quaternary units (protons & neutrons).

Each unit is equipped with higher centers, lower centers and target B.B.Bs. After quaternary units nature created atomic units, molecular units, complex molecules of life units, organelle units, cell units, tissue units, organ units, system units and individual units. Each unit is equipped with higher centers, lower centers, and target B.B.Bs. Similarly nature created satellite units, planet units, solar system units, galaxy units, super galaxy units, dark matter layer unit. These units are also equipped with higher centers, lower centers and target B.B.Bs. Thus our universe is divided into different units and each unit is equipped with higher and lower centers.

All higher centers are under control of highest center of the universe by efferent paths. This efferent path is made up of first transcription. Higher centers can send messages to highest center of the universe by afferent path or feedback path. Thus highest center of the universe is well informed about all effects of the universe. Messages can come from lower centers to higher centers and from higher centers to highest center of the universe via afferent path. The highest center of the universe can send messages to higher centers and from higher center to lower centers. There is an inter unit message network also which is made up of first, second and third transcription depending upon the nature's need. Thus the entire universe is under control of highest center of the universe. Highest center can change any programming programmed by it during pre creation era.

The cause of Earth magnetic Field is Decay of energized gravitons that gives spin energy as well as magnetic field energy to Earth. The magnitude is decided by higher centers controlling the both effects separately. Birds could have receptors to trace these magnetic fields thus could migrate large distances on earth. Magnetic fields are photons and photon carries activated mindness of their directions and magnitude which are realized by birds like we realize sound direction and intensity etc. hence they can trace their ways during migration. Plants do have photo sensation- phototropism (photons), gravity sensation-geotropism (energized gravitons), water sensations- hydrotropism and they move themselves accordingly. There is no spontaneous activity in universe starting from symmetry breaking to quantum tunneling to life processes (i.e. mutations in DNA, replication of DNA or electrical activity of heart and brain.). These all activities are triggered by Mind and it could be unconditioned thought expression or conditioned thought expressions. No two thought expressions underpins each other. These are Fed thoughts and feeding was done by Highest center of the universe in pre creation era. Biology does not need QM. In biology our consciousness is not the manifestation of collapse of Quantum wave function in brain microtubules rather it is higher thought expression of B.B.Bs that form neurons body membrane. Similarly Mutations do not require QM or proton tunneling. Schrodinger wrongly proposed that Quantum jumps might cause biological stochasticity (mutation) QM is not the source of stochastic noise in biology both intrinsic

noise sources and extrinsic noise sources. Both are triggered by MIND. It is wrong to say by Dr Mc Fadden and Dr Al Khalili in 1999 that Quantum Mechanical model to account for adaptive mutation (to bacterial cells)

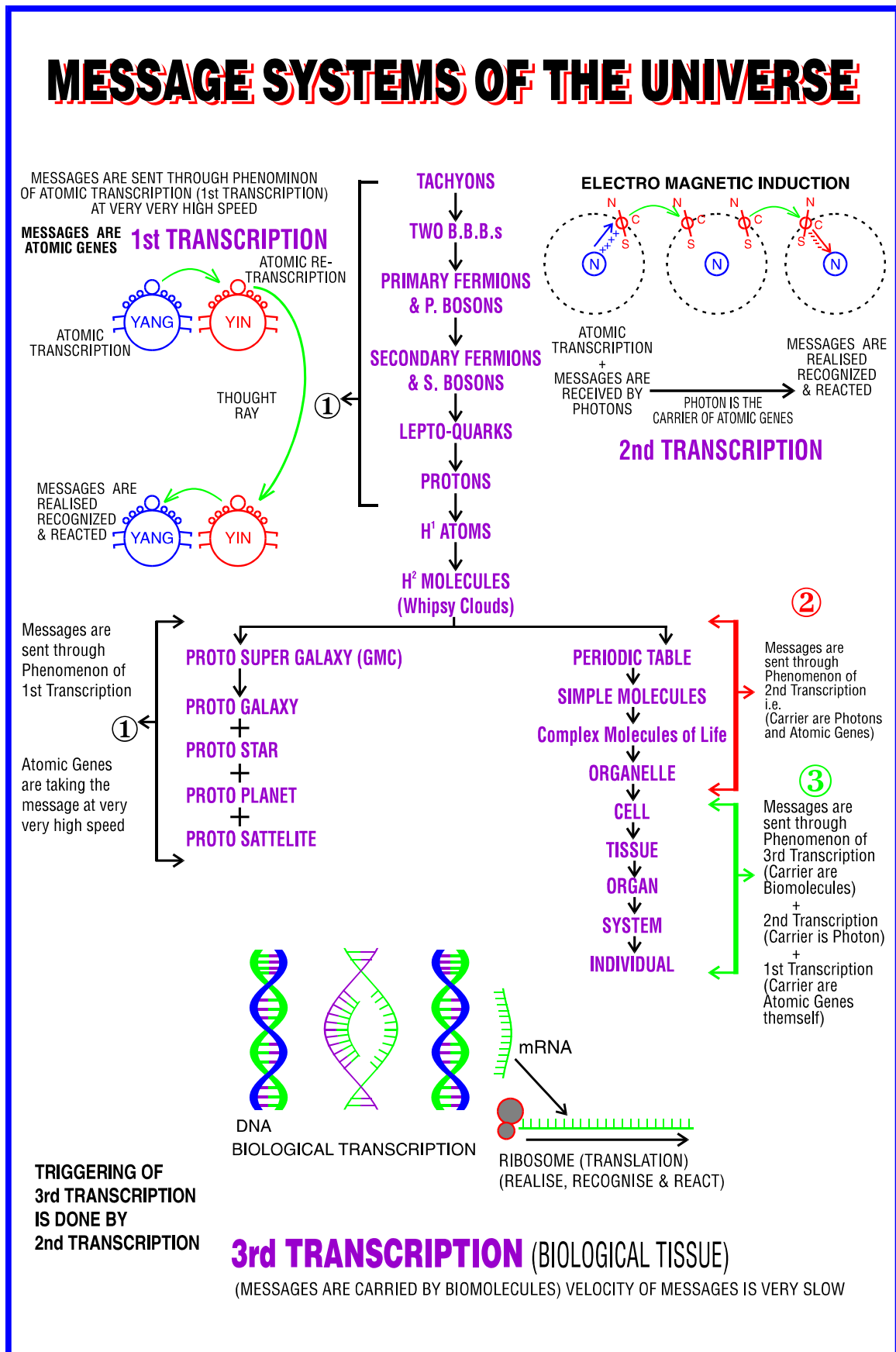


Fig.9.

# HOW DOES NATURE WORK CAUSE & EFFECT CONCEPT

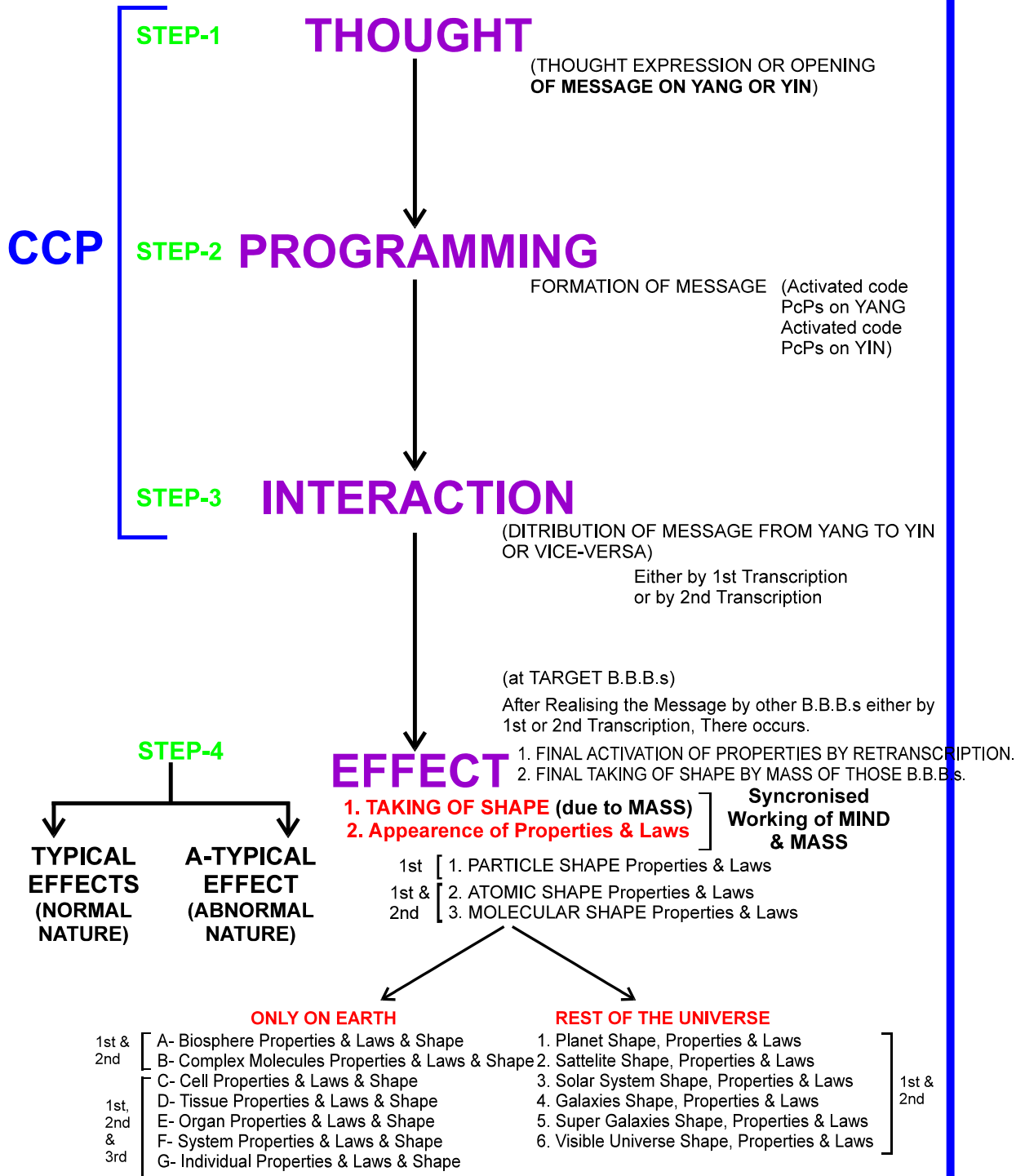


Fig. 10.

# STIMULATION OF THOUGHT EXPRESSION

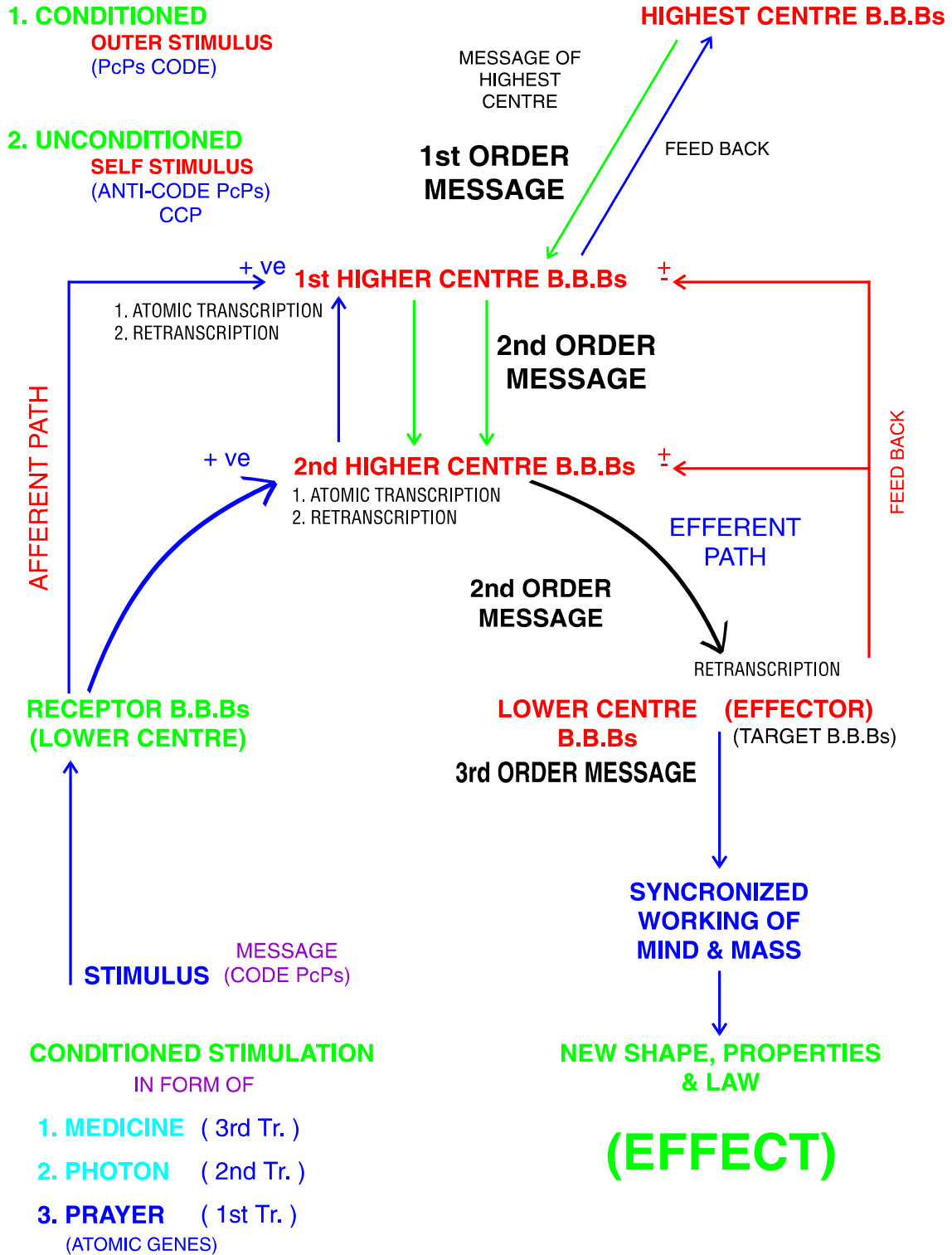


Fig. 11.



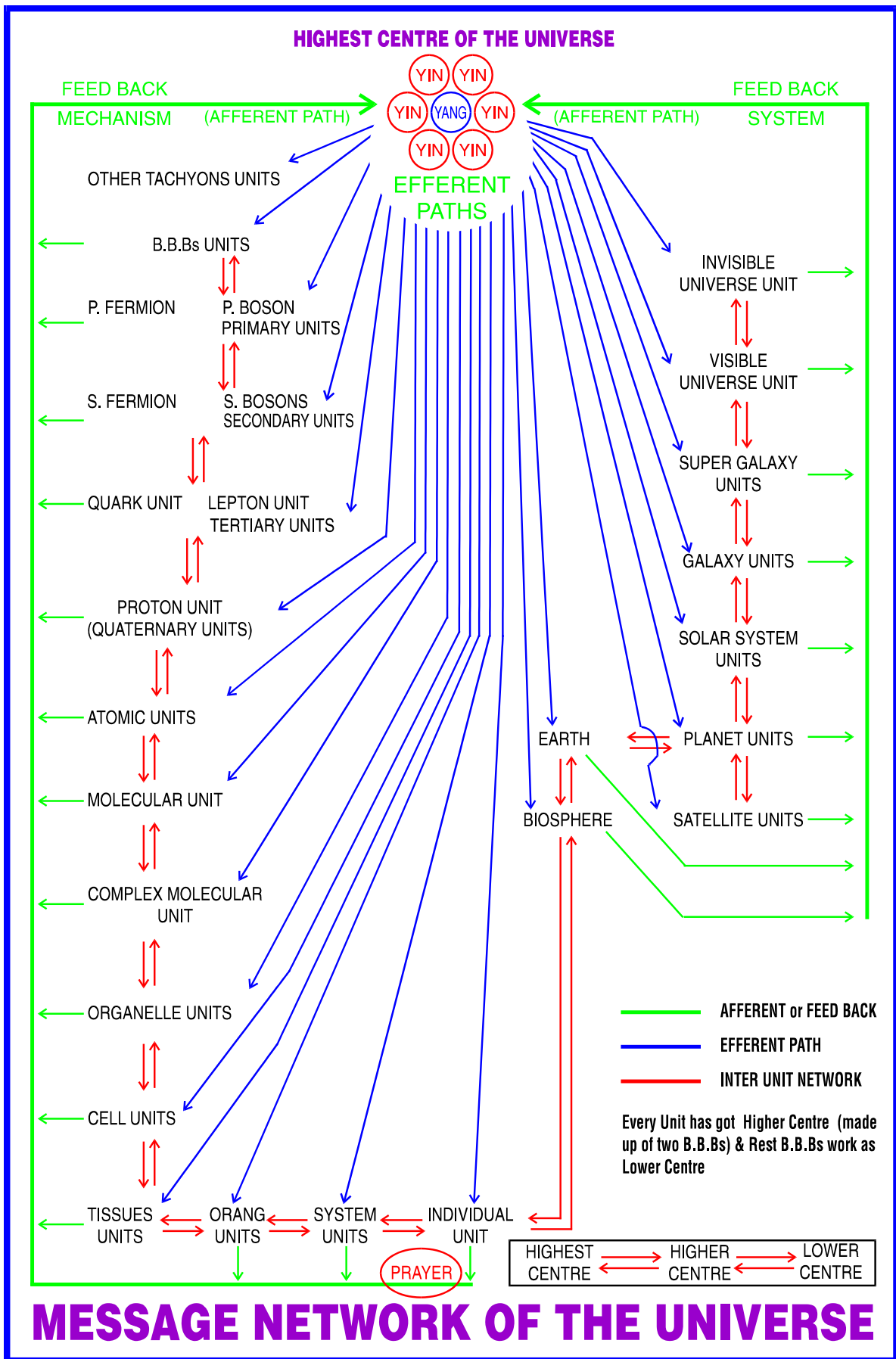


Fig.12.

## Conclusions

Dr Mc Fadden and Dr Al Khalili who are pioneer in molecular biology and nuclear physics are unnecessary explaining Biology with QM. Both are separate identity or phenomena and both are triggered by MIND the ToE (theory of everything) (Vijay Mohan Das, 2014)

## Physiology of life and death and cancer formation (Depiction) ([1 to 16 ])

Physiology of life and death Mind (ToE). One has to equip with structure of the matter, origin of the universe and atomic genes as taught by participatory science. The standard model not only modified rather it has been completed (<http://physicsworld.com/cws/article/indepth/2009/jul/01/the-quantum-life>) with introduction of energized gravitons, primary fermions, primary bosons, Basic Building Blocks, Mind and Tachyons. Life is nothing but higher thought expressions of B.B.Bs. Formation of atoms and particles is due to lower thought expressions. When life thought expressions are suppressed and death thought expressions are triggered, we become dead.

The theory of everything (ToE) is mind (Vijay Mohan Das, 2014). If theory to explain the phenomenon is not mind, it is wrong theory. Hence theories to explain Raman effect, Zeeman Effect, electronic configuration of atoms, earthquakes, origin of earth, origin of life, origin of species, formation of spectrum, red shift and blue shift, movement in plants and lighting of firefly are wrong. Nobel prize 2008 of Physics has been awarded to the mechanism of the beginning of Big Bang called spontaneous broken symmetry. It is supposed to be the main cause of beginning of Big bang from higg's particles. This resulted into appearance of different forces of the universes discussed in standard model. Thus our universe got appeared in the present form. In reality particles of standard model are not fundamental particles. There are certain other particles smaller than particles of standard model which are called Basic Building blocks. I have made an effort to investigate for basic building blocks (B.B.Bs) which are fundamental particles. Up on these B.B.Bs atomic genes (mind or thought particles) are found. Hence these B.B.Bs are made up of mind and mass and they are called God particles. These B.B.Bs are divine in the sense that they talk with each other by phenomenon called atomic transcription and translation. Further they have power to transform into bigger units (bigger particles of standard model, atoms, molecules etc.) by atomic transcription and translation phenomenon. Unless atomic transcription occur, B.B.B.s could never exhibit phenomenon of broken symmetry or first transformation in the universe. Therefore broken symmetry is never spontaneous. That is why selection of work for Nobel prize (2008 – physics) is wrong.

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