



## Research Article

### DNA (A,T,C,G NUCLEOTIDES) AND OTHER MOLECULES ARE BITS (ANATOMY), IT IS DIVINE MECHANICS (CCP, CODE PCPS AND CPS) THAT TRIGGERS AND REGULATES REPLICATION OF DNA, DAMAGES DURING REPLICATION, REPAIR OF DAMAGED GENES, MUTATIONS OF GENES, CARCINOGENESIS AND CELL DEATH

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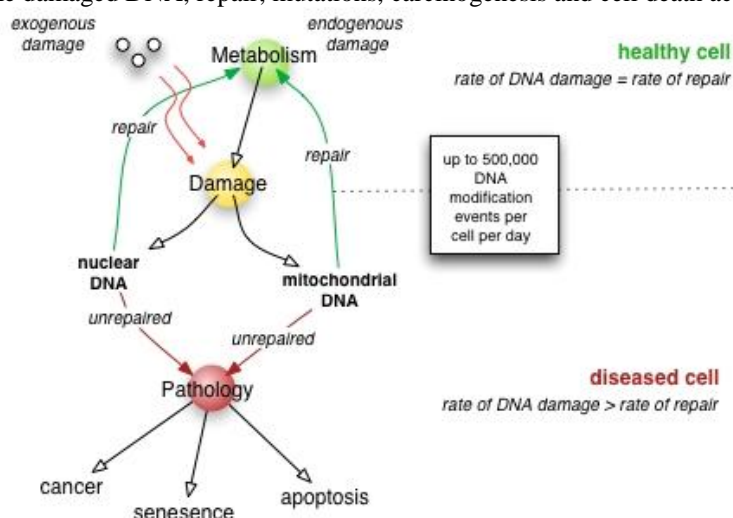
#### ABSTRACT

To understand replication of DNA and other events during replication like damages, repair, mutations and carcinogenesis and cell death, we have to understand Basic Building Blocks of the universe (Fig-1) (mass – B.B.B Bit or B-Bit) and Information s (Code PcPs) and Divine Mechanics Unit (CCP, Code PcPs and CP). Replication of DNA or Bit is conditioned (outer stimuli or acquired –water stimulates germinations) or unconditioned (hereditary or triggered by time mindness or biological clock) property of mass part of reality of basic Building blocks and it is triggered and controlled by virtue of Atomic genes part of reality. Types of DNA damages, DNA repairs, DNA mutations, carcinogenesis and cell death is due to mind part of realty. The Bits follow all orders made by CCP (thought script). That is how mind and mass (Bit or DNA or A,T,C,G nucleotides and other molecules) work together at the level of bio-molecules. These are fed thoughts and feeding was done in pre creation era by Highest center of the universe in higher centers controlling DNA replication etc.

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## INTRODUCTION

Replication and other events like damaged DNA, repair, mutations, carcinogenesis and cell death according to molecular biologist



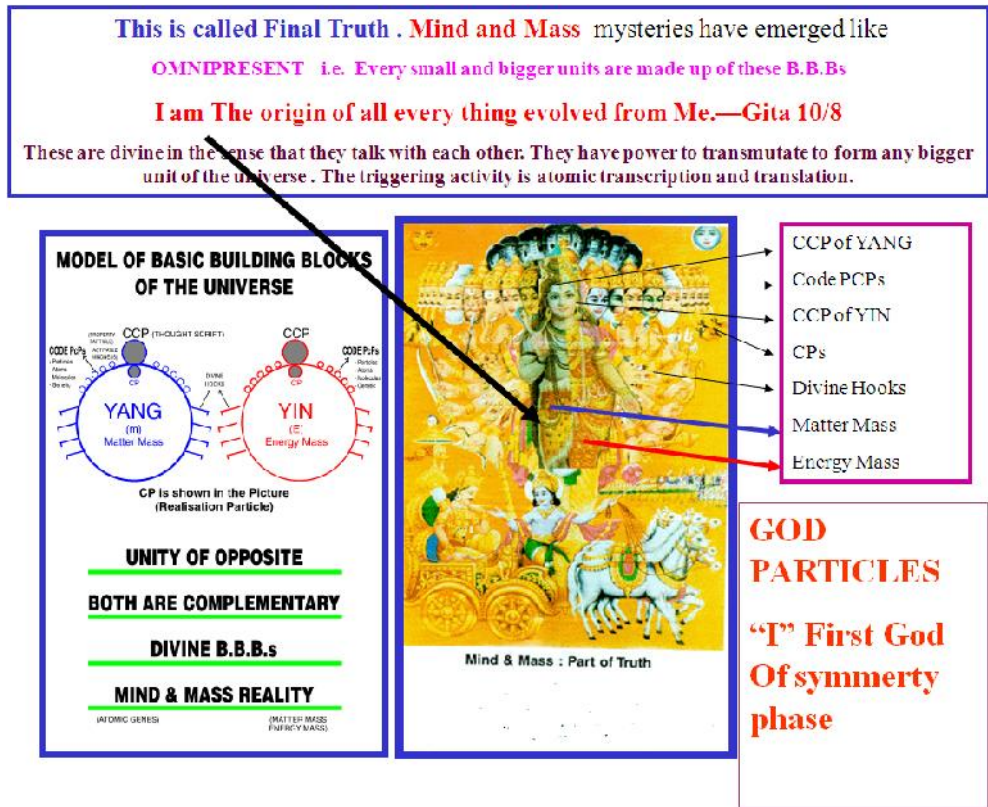
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## DNA Repair Pathways and Cancer

Human cancers exhibit genomic instability and an increased mutation rate due to underlying defects in DNA repair. Cancer cells are often defective in one of six major DNA repair pathways, namely: mismatch repair, base excision repair, nucleotide excision repair, homologous recombination, nonhomologous endjoining and translesion synthesis. The specific DNA repair pathway affected is predictive of the kinds of mutations, the tumor drug sensitivity, and the treatment outcome.

The study of rare inherited DNA repair disorders, such as Fanconi anemia, has yielded new insights to drug sensitivity and treatment of sporadic cancers, such as breast or ovarian epithelial tumors, in the general population. The Fanconi anemia pathway is an example of how DNA repair pathways can be deregulated in cancer cells and how biomarkers of the integrity of these pathways could be useful as a guide to cancer management and may be used in the development of novel therapeutic agents

**Mind and Mass Realities (Vijay Mohan Das, 2014)**



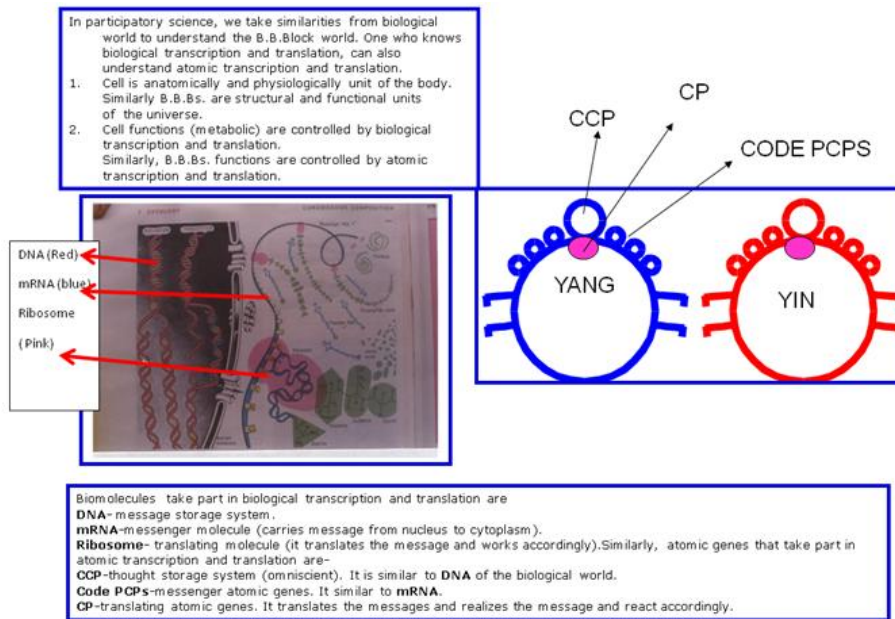
(Fig 1 – Divine Mechanics Unit – CCP, CP and information s – Code PcPs with B-Bit – Mass)

Atomic genetics is the branch of science where we investigate about fundamental interactions of the universe i.e. atomic transcription and translations. New words have been coined to understand hidden science of mind part of reality. Mind reality has been recognized as different faces by “I” about 5000 years back to Arjuna in Mahabharata.(Fig 1) It is just like to understand any language through Alphabets. These are (different faces) Alphabets of mind reality.

One Mind reality has one face identity and the second mind reality has second face identity and so on. The facial expression represents phenomenon of intelligence and different faces represent different types of properties carrying property. The open eyes means property is activated while close eye means property is inactivated. In spite of carrying properties consciousness they also know how to conduct not only origin of universe but also how to create two different universe i.e. next creation could be different from this creation. In all, it is automatic system of the universe.

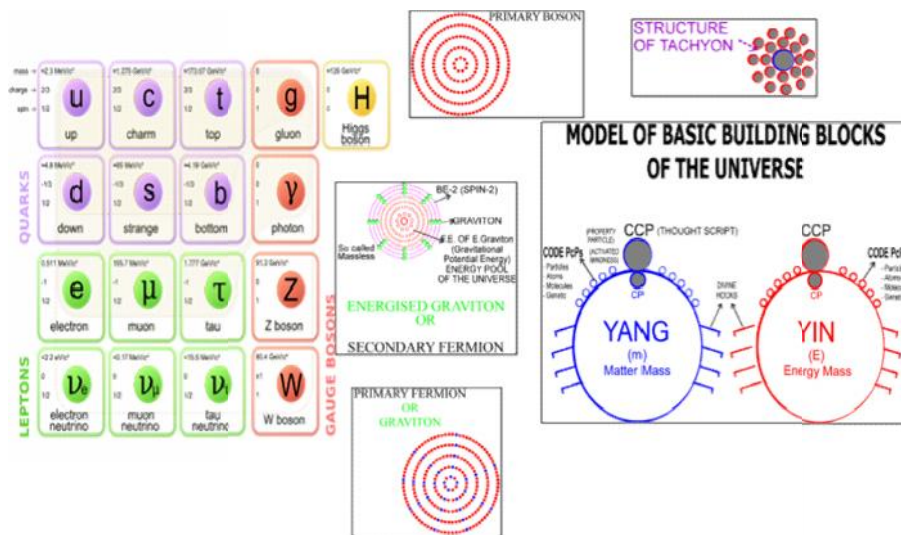
The mind realities which are of good properties have devtas face identity (first five faces on both side) and those mind realities which are of bad properties have demons face identity (last four faces on both side). These are named as code PCPs or messenger atomic genes. The central face is CCP or Thought script where all thoughts of the universe are banked. It is bank of data of all information s of the universe It is face identity of Anti mind particles as data of all information’s of the universe are stored as anti mind particles.

It is the Time mind ness (biological clock) that keeps on expressing different thoughts from this thought script (CCP). There are four more faces (black bodies) shown on extreme left and right floating in fire are CPs (translating Atomic genes). That translates the messages and realizes it and reacts accordingly. Messages From Biological world to understand B.B.B world (Fig 2) (Vijay Mohan Das, 2014 )



(Fig-2—Parallel teaching by participatory science)

The standard model not only modified rather it has been completed (Vijay Mohan Das, 2014 ) with introduction of energized gravitons, primary fermions, primary bosons, Basic Building Blocks, Mind and Tachyons. (Fig 3)



Standard model completed with Fundamental particles and Mind And Tachyons

Fig 3 standard Model chart (5)

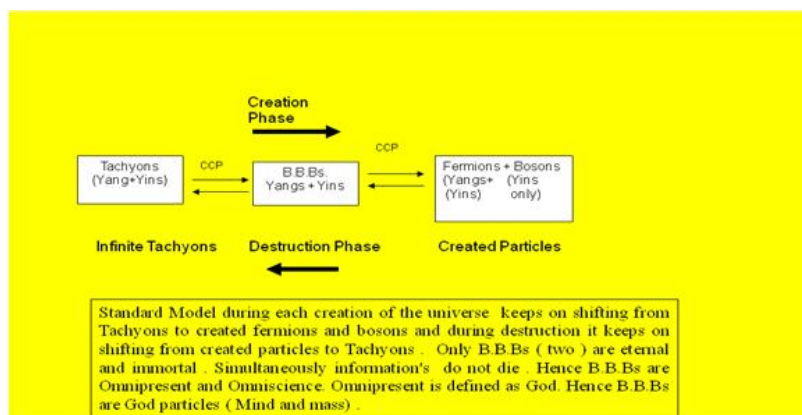
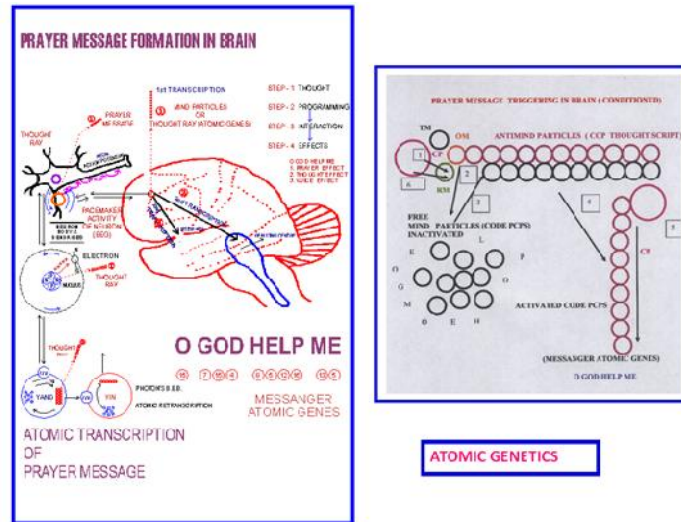


Fig 3.1 - one creation and destruction cycle

**Prayer message formation in brain. (Fig 4)**



**(Fig 4 Divine Mechanics - Prayer message formation in brain )**

In atomic transcription and translation of prayer, following steps take place on Yang B.B.B – B-Bit (Figure 4).

- CP removes RM (repressor mindness-green) from OM (operating mindness -orange) thus induction of atomic transcription triggers.
- OM triggers activation of free mind particles (black -inactivated code PCPs) of that thought script (magenta) of “o god help me”.
- Free mind particles (black -inactivated code PCPs) get attached to anti mind particles script (magenta one) to form messenger thought script of “o god help me”.
- Messenger atomic genes (black) get activated by anti mind particles thought script and further they get detached from anti mind particles thought script to form activated messenger atomic genes ( activated code PCPs) (magenta) of “ o god help me ”
- CP carries phenomenon of splicing by translating the messenger activated atomic genes (activated code PcPs) and finally there is activated message of “ o god help me” is formed.
- CP represses atomic transcription by adding RM (green) to OM (orange). Thus atomic transcription gets halt.

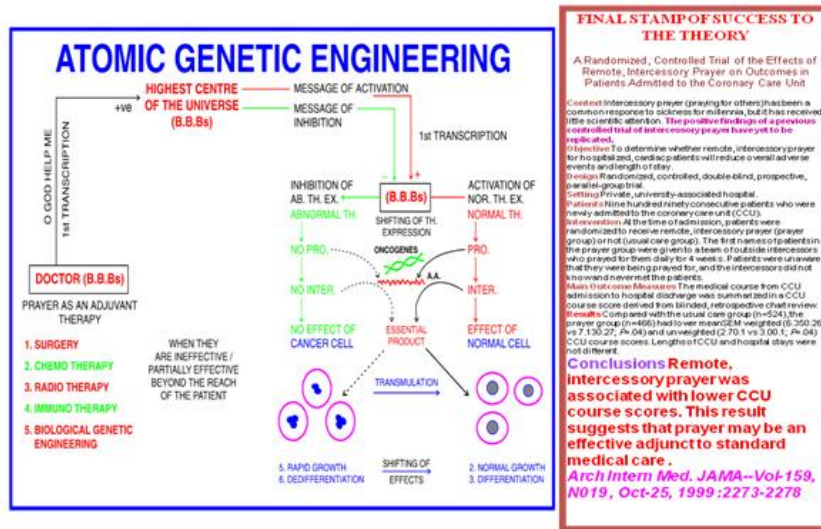
**Having formed the message it comes out in three forms**

In atomic genetic engineering (prayer) we use our basic power i.e. power of B.B.Bs. Our B.B.B. (higher center) talks with highest center of the universe by sending the message by first transcription. Till today nobody knows how does the brain generate thoughts. I am going to tell you that mystery too. In the frontal lobe the neurons are responsible for thought generation. In the neuron there is electrical activity called pacemaker activity which is occurring between dendrites and the body of the neuron. The membrane of the cell is made up of atoms and atom is made up of B.B.Bs. At the level of B.B.B. say thought of 'O GOD HELP ME' is expressed. As a result programmed messages of O GOD HELP ME (code PCPs) are formed. Out of three programmed messages, one is carried by atomic genes to highest center of the universe. It is called THOUGHT RAY (Quantum entanglement) which is made up of pure atomic genes and then the message goes through phenomenon called first transcription. They come out from brain directly. The other two messages are carried by photons from nucleus of atom to electrons. Here they are modulated on electrical activity of the cell called pacemaker activity. Further they are modulated on actions potentials going towards REALIZING CENTER situated in brain stem (RAS) and from RAS to speech area situated in the frontal area. Target B.B.Bs. of the realizing center finally realizes thought effect of O GOD HELP ME. While from speech area message goes to motor cortex again via RAS and from there to vocal cords and finally it comes out as a speech effect of O GOD HELP ME. In layman's terminology formation of the thought ray means PRAYER. (Fig 4)

**Where Does Prayer Message go ? (Fig -8)**

Prayer message goes (Figure 8) to highest center of the universe via first transcription where it is realized and it is accepted, the highest center sends two messages to B.B.Bs working as higher center in cancer cell. These messages are message of inhibition of abnormal thought expression and message of activation of normal thought expression. Having received the messages, higher center stops expressing the abnormal thoughts and it starts expressing the normal thoughts. As a result, there are no more abnormal programmed messages and in place of that normal programmed messages are there. Now the messages have shifted from abnormal (5 and 6) to normal (2 and 3). This shifting of thought expression is called ATOMIC GENETIC ENGINEERING (figure -4.1 )

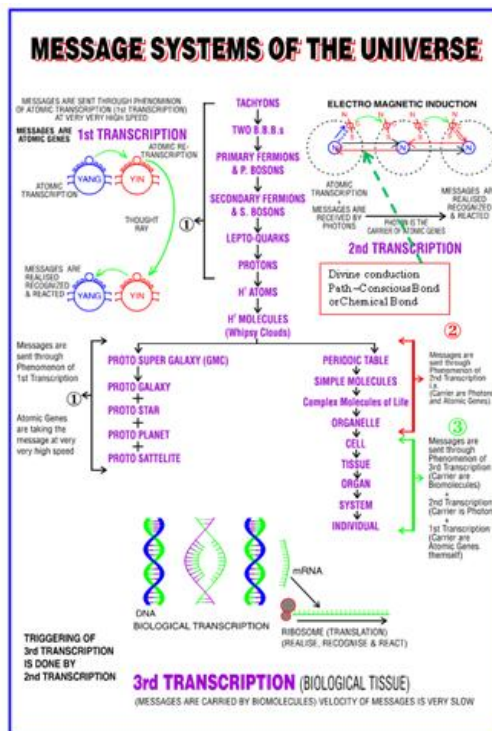
The changed messages reach to target B.B.Bs. through same route. Having received the changed messages, target B.B.Bs. stop expressing the previous programming and they start expressing the normal programming. As a result the cancer cells transmutate into normal cells. Or diseased cell gets cured. (Fig -4.1)



(Fig 4.1 - A.G.E and Final stamp of success to New Theory) ( 9 ) Robbins-PATHOLOGICAL BASIS OF DISEASE. 5<sup>th</sup> Edition; Neoplasia, 1994; pp. 257-272.

**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 (Code PcPs) used to go from one B.B.B. to another B.B.B. by atomic transcription. Messages were carried by atomic genes (Code PcPs) with very 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-5)



(Fig -5 Messages system of the universe)

**How does nature work & triggering of normal & abnormal effects (Fig-6 and Fig -7)**

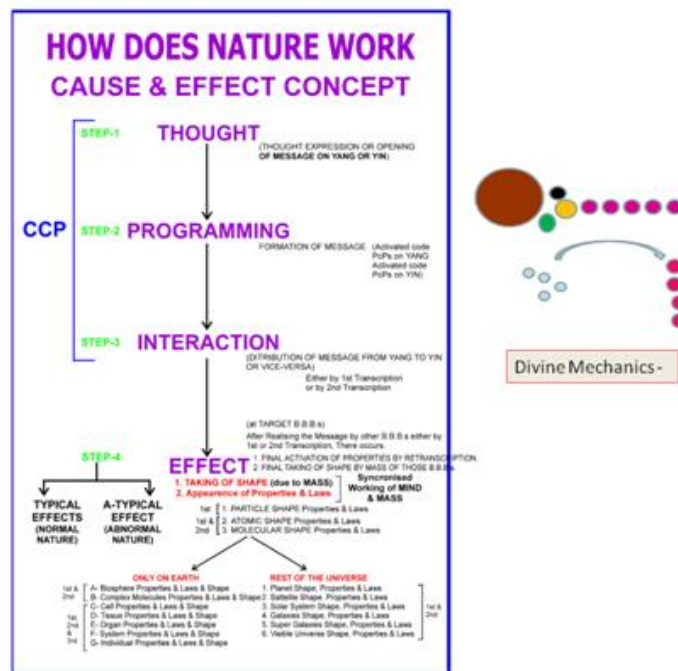
To understand creation physics we have to see Fig- 6 and Fig -7.. There are two types of thought stimulation. One is **CONDITIONED THOUGHT STIMULATION** and other one is **UNCONDITIONED THOUGHT STIMULATION**.

**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 produce 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.

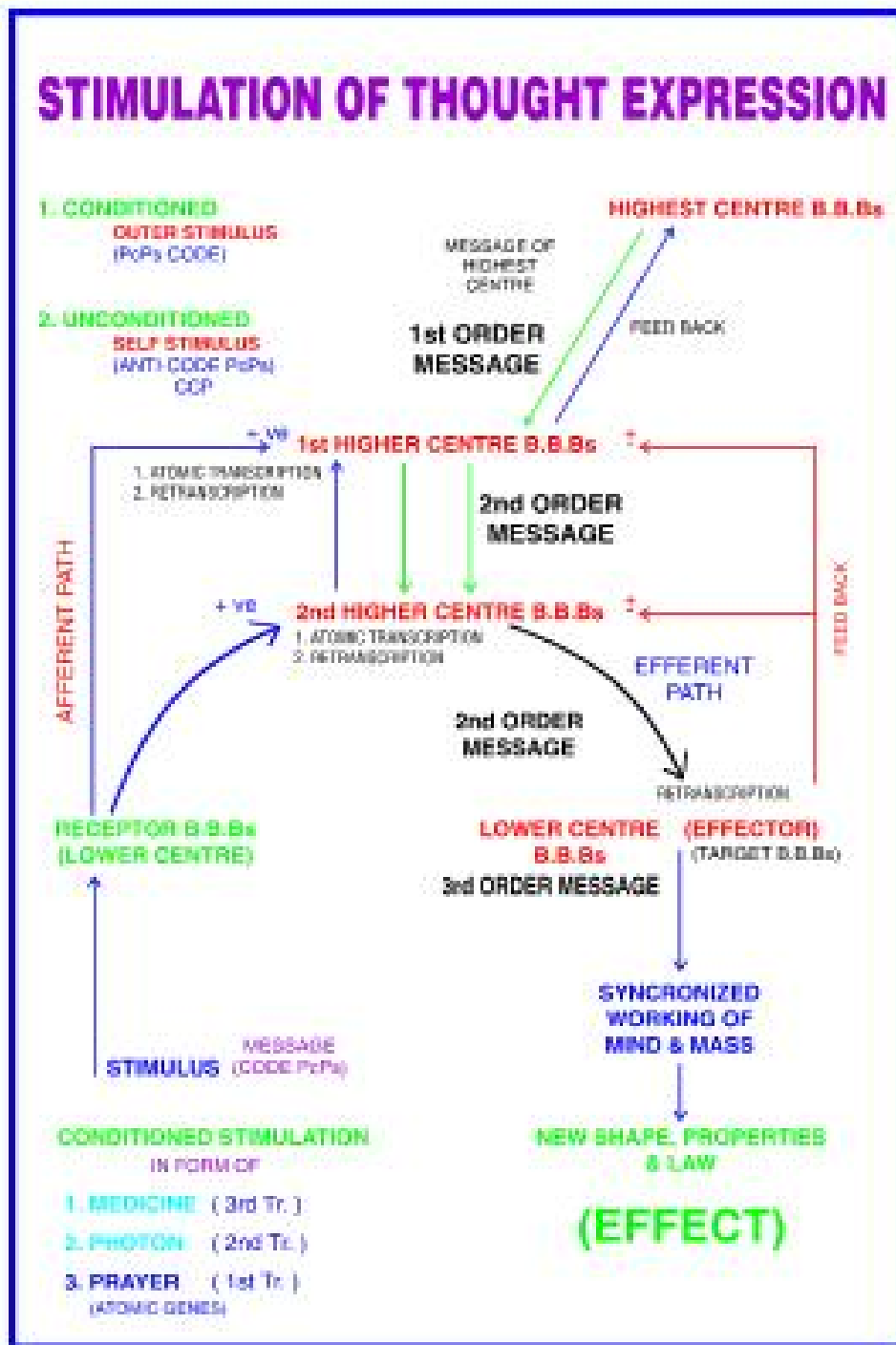


(Fig 6- Divine Mechanics – How Does Nature work ?)

**1.6 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

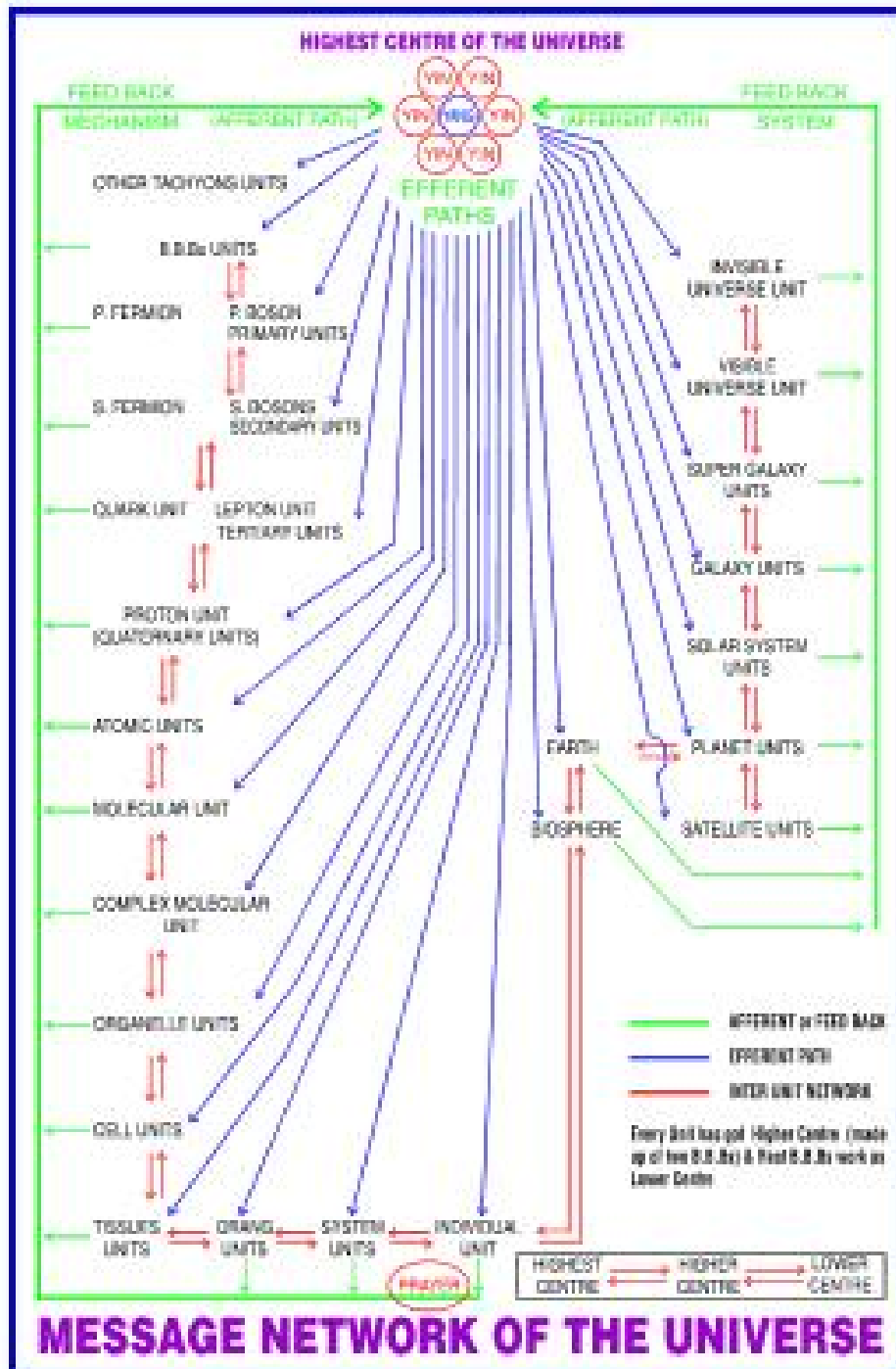
target B.B.Bs. Similarly nature created satellite units, planet units, solar system units, galaxy units, super galaxy units, dark matter layer unit.



(Fig 7- Conditioned and Unconditioned thought expressions)

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 feed back 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.

See (Figure.8)

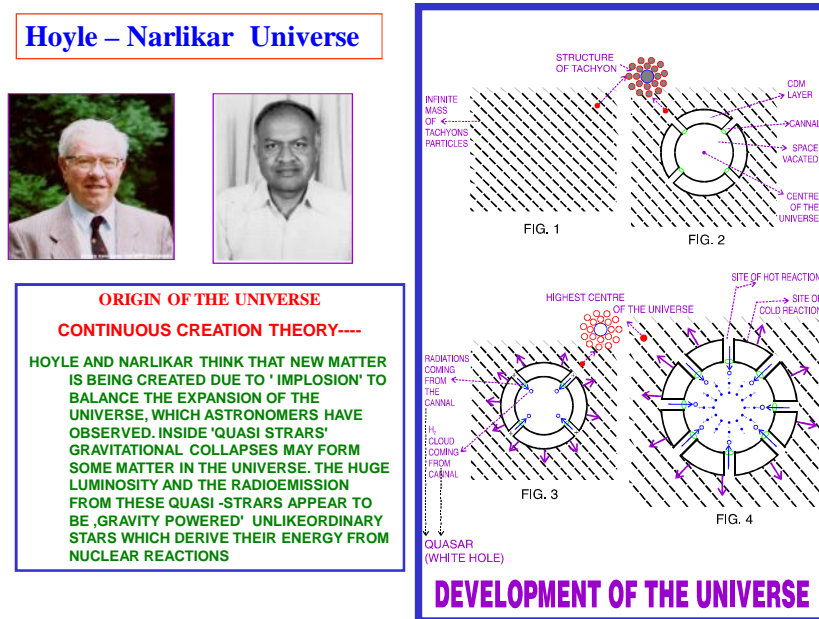


(Fig- 8 Messages Net work of the Universe )

**Origin of the universe (Vijay Mohan Das, 2014) (Vijay Mohan Das, 2014) .....(30)**

Before the origin of the universe, these Basic Building Blocks (B.B.Bs) (Fig-1) were in the form of tachyons (Fig- 9). It means that at that time the tachyons were everywhere in the universe. Let us look at the structure of tachyons; it is made up of one matter B.B.B. (YANG) and many energy (YINs) B.B.Bs. Initially out of the infinite tachyons, one became the highest center of the universe. Messages used to go from highest center to rest of the universe and messages could come from rest of the universe to highest center of the universe by atomic transcription. Thus highest center had fed its thought to rest of the B.B.Bs. that would take part in creation - that they would express only those thoughts to give desired effect as wished by the highest center of the universe. So all B.B.Bs were informed about their role before creation of the universe. In pre-creation era programming of the future universe was done by highest center of the universe. Our universe is oscillating and it is a divine universe. It means that it has a creation phase and a destruction phase. During creation phase tachyons break into their B.B.Bs. and from these B.B.Bs, formation of fermions and bosons take place (Fig-3.1). After the creation phase, destruction would start and in this phase all created particles would again break into their B.B.Bs and finally tachyons would form.





(Fig 9)

At the time of origin of the universe, all the effects got created. These effects are taking of different shapes and appearance of properties and laws. All these effects are studied in various branches of science.

With the origin of the universe, nature first created a sphere of COLD DARK MATTER (C.D.M) and canals in it. With the result space got created. At the other end of the canals, hot reaction started (the relics are back ground radiations 2.7 degree K of our hydrogen clouds). As a result hydrogen clouds and lot of radiations were created. The empty canals were filled by these hydrogen clouds and radiations and thus QUASARS appeared in the universe. Simultaneously C.D.M. layer started expanding and clouds and radiations kept on coming in this closed universe (Fig-9).

With the passage of time more and more C.D.M. layer formed, more and more quasars formed. The hydrogen cloud came in this closed universe. They started running towards C.D.M. layer as they were attracted by the gravity of C.D.M. layer. Those clouds, which were nearer, moved faster than those, which were away from CDM Layer. The HUBBLE LAW, can thus be explained. With some more passage of time, clouds were joined to form GMC (giant molecular clouds). Later by self-gravitation different proto stars, proto planets, proto satellites were formed.

Finally stars became bright and thus bright galaxies appeared in this universe. Our universe is still in expansion phase and creation is still going inside quasars. It is to be remembered that highest center of the universe does not come in the visible universe. It keeps on receiving the messages by atomic transcription and it has power to change any programming programmed by it during pre-creation era.

### Mechanism of life and death

#### MICHANICS OF LIFE AND DEATH (Fig-10 and Fig 11)

Seed is alive (say having 1% of life activity) but hardly show any sign of life. It has low water content and exhibits virtually no metabolic activity. Such quiescent seeds can live for many years but germinate when soaked in water under suitable temperature and in presence of oxygen.

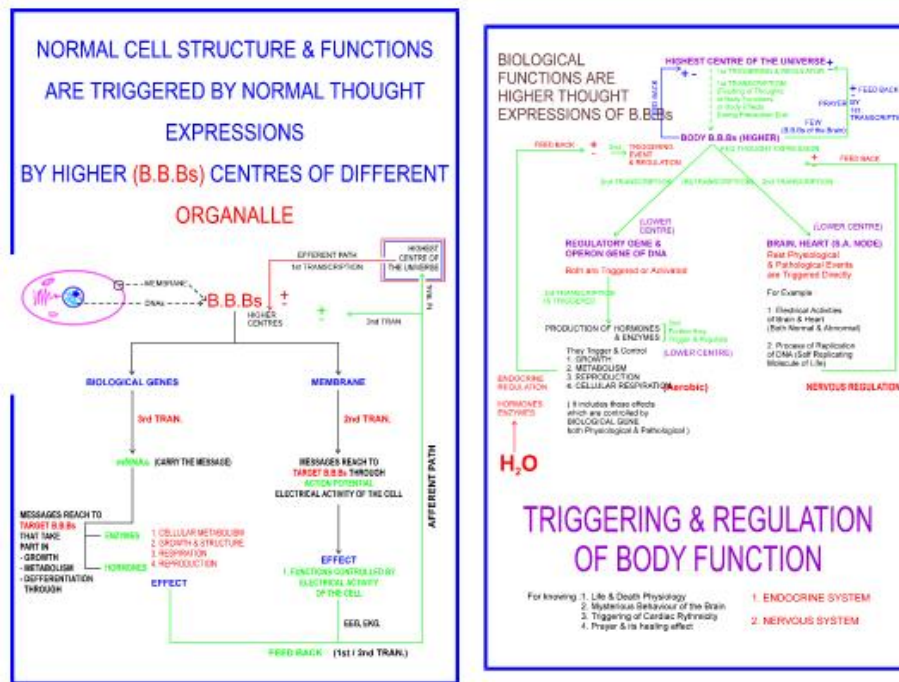
Metabolic activity (anaerobic) are very low in seeds. Metabolic activities come to visually standstill as the seed coat becomes increasable impermeable to oxygen and moisture.

The first step in germination is IMBIBITION. Imbibition of water causes resumption of metabolic activities. Initially metabolism may be anaerobic (due to energy provided by the glycol sis) but it soon becomes aerobic as oxygen stats entering the seed.

What are life activities?

#### DNA Activities

- Transcription – that leads to first anaerobic metabolism later aerobic metabolism. It is very very low in seed.
- Replication – it is nil in seed. Replication is the sign of life. If seed does not show replication phenomenon, it means for practical purpose it is dead.

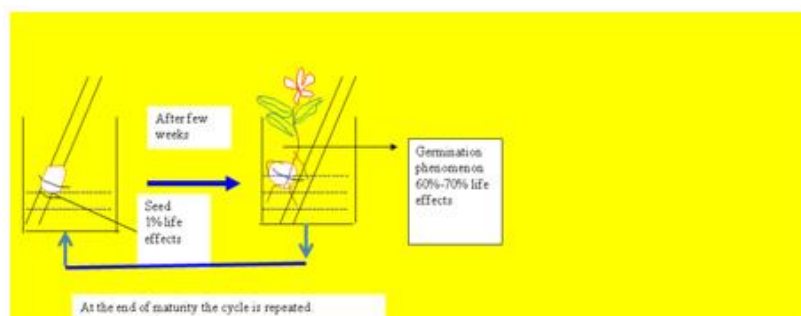


(Fig 10)

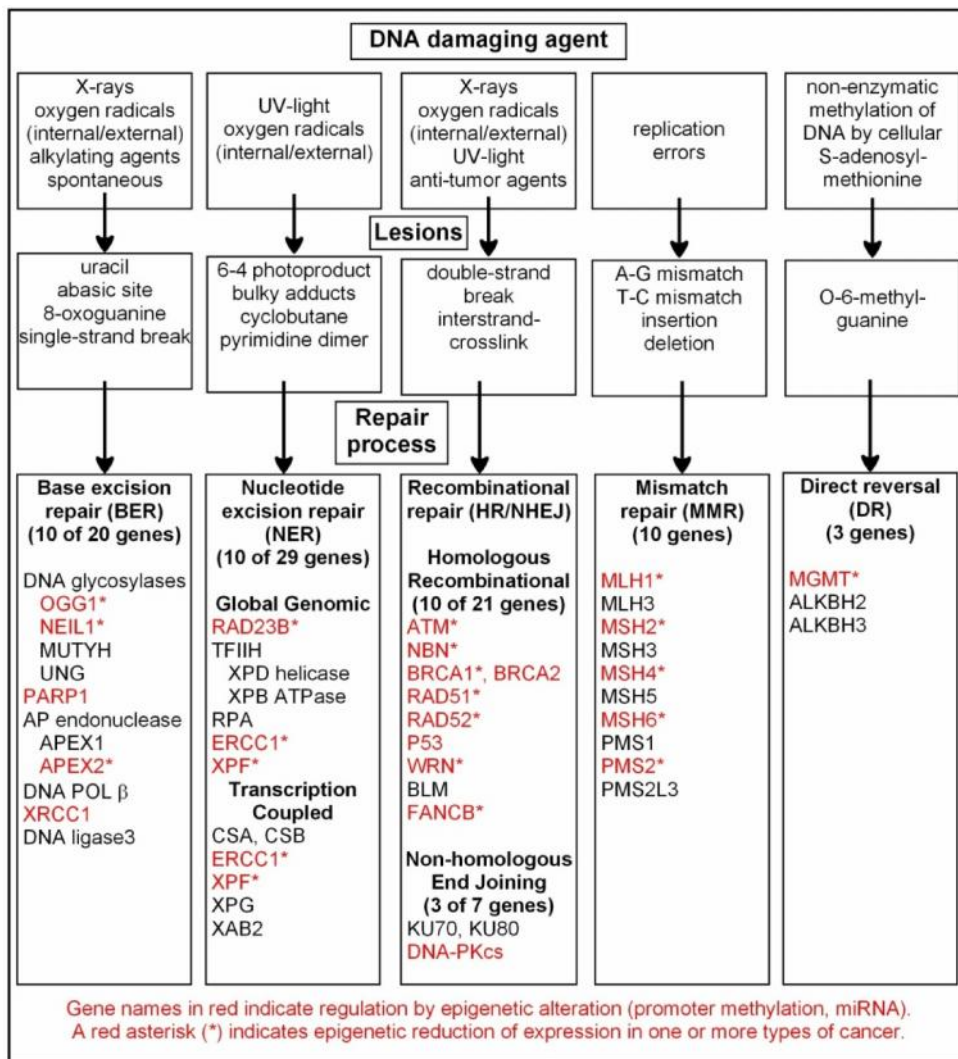
During germination anaerobic metabolism is triggered and later it is shifted to aerobic metabolism. Replication is also triggered. The triggering of both the activities is onset of atomic transcriptions of replication as well as onset of transcriptions of aerobic metabolism. With the result messages come on the surfaces of DNAs and during 3<sup>rd</sup> transcriptions they are shifted to different mRNAs and finally they reach to different enzymes and hormones. These enzymes and hormones carry messages to target units. With the result we observe phenomenon of germination. The entire working has been depicted by line diagram (Fig –10). These atomic transcriptions are stimulated by water that is why it is **CONDITIONED STIMULATION** of CCP. The percentage of thought expressions increase with the time and we observe increase in the number of effects. At present we can say that plant is showing from 1 % to 20% or 40% of its effect till it reaches its maturity. At maturity the plant exhibits all effects and at that time we can say it is expressing 100% life atomic transcriptions. With the formation of new seed life atomic transcriptions once again reduced to 1% only. This cycle i.e. going from 1% life effects or atomic transcription to 100% life effects and coming back to 1% again is being visible to us at present. When water is withdrawn, it leads to suppression of life thought expressions and death thought expressions are triggered with the result we observe death effects of plant.

**CONCLUSION OF THE EXPERIMENT-** The phenomenon of life effect is triggered by atomic transcription of life. Unless life atomic transcriptions are triggered, life effects are not visible. So life effects are nothing but higher thought expressions of basic building blocks. Phenomenon of death is triggered by death atomic transcription. At the time of death life thought expressions are inhibited and death thought expressions are triggered with the result we observe death effects. Water only stimulates life thought expressions that leads to triggering of different life activities (metabolic, replication and other electrical activities) in side the cell.

Being a scientist, one must know how do life effects come about. Life effects are higher thought expressions of B.B.Bs. Formation of particles, atoms and molecules are due to lower thought expressions of B.B.Bs. But their higher thought expression lead to appearance of all life effects. One who knows properties of B.B.Bs. and atomic genetics, can understand how life effects are triggered. There is nothing like SOUL. It is a myth that when soul goes inside we get life and when it moves out we are dead. When thought expressions of life are suppressed and thought expressions, of death are triggered, we observe death effects. So life effects are basically triggered by atomic transcription occurring on B.B.Bs.



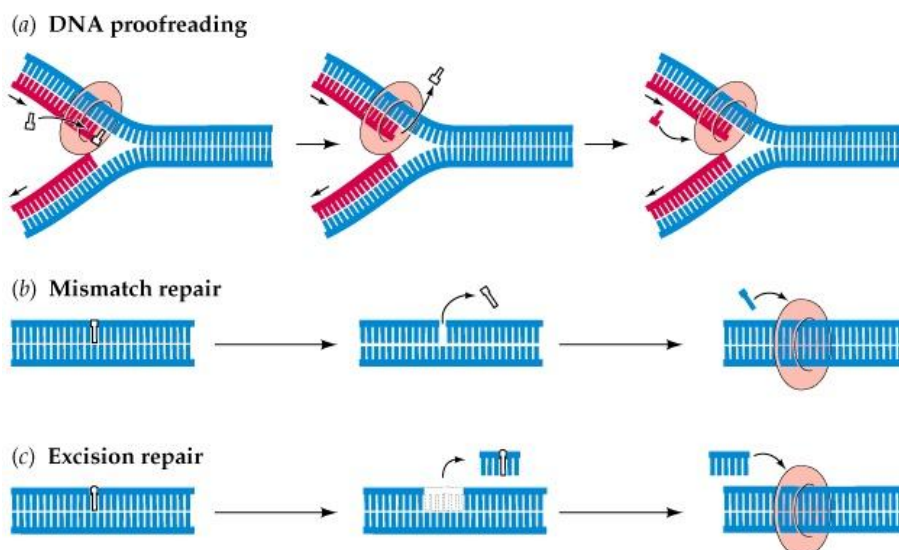
(Fig 11)



(Fig 12- Incomplete line diagram of repair mechanism)

**Proofreading repair** –DNA polymerase is not perfect. The enzyme occasionally inserts an incorrect base. DNA polymerase has ability to reverse and correct the error by cutting out the incorrect nucleotide and replacing it with functional nucleotide. This is called Proof reading repair.

Correction of error during Transcription

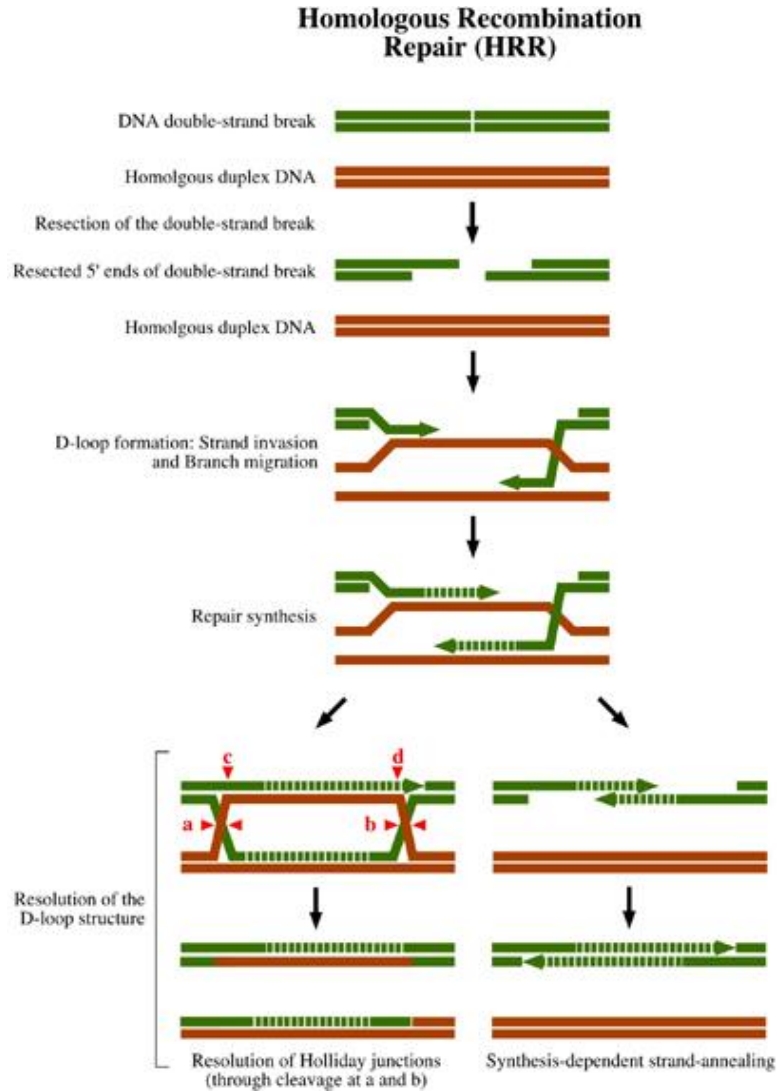


During replication DNA polymerase detects an error. It reverses to repair this incorrect nucleotide, then continues replication

### A mismatch repair missed by proofreading

Even after proof reading repair, some error persists. To cope up with these errors, a mechanism called mismatch repair may be activated. A special problem exists with mismatch which strand is correct and which is the mutation. At least in bacteria, the template strand is methylated and a methyl group is added to adenine residues. the newly synthesized strand remains temporarily un-methylated. A repair enzyme binds to the unmethylated strand. The DNA is unwound, degraded and replaced until the mismatched is reached and removed.

### Repair occurring after replication



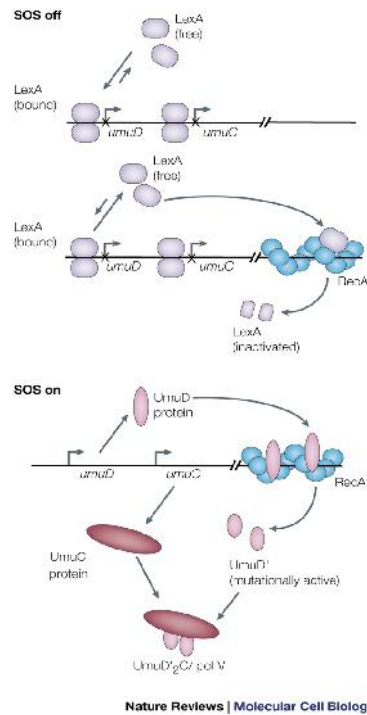
(Fig 14 Incomplete depiction of repair mechanics )

Some times damaged DNA escapes all repair system. When this happens, a final post replication repair system may function. When DNA polymerase encounters a lesion such as a thymine dimer during replication it first stalls, then skip over the lesion and continues, leaving a gap in the newly synthesized strand. A protein complex RecA directs a recombination event from undamaged parent strand. This leaves a gap in the parent strand that can be filled by the repair process involving DNA polymerase 1 as seen earlier. Post replication repair is sometimes called Homologous recombination repair a more general category.

### SOS Repair System

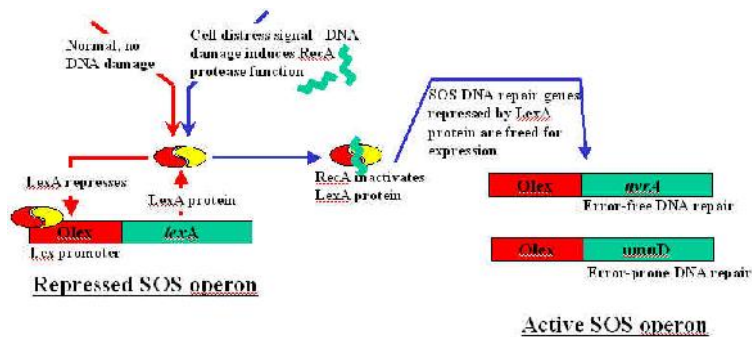
Some times a bacterium E coli, another system exists to repair DNA damage missed by other repair system. This is called SOS repair system after the well known distress creates correction this allow DNA polymerase to replicate across a damaged area. This system is error prone and sometimes the wrong base is inserted a phenomenon known as SOS mutagenesis. A large number of gene product including LexA and RecA are invoved in this process.

When the LexA protein product is produced it prevents the transcription of the RecA and other repair gene involved in the SoS repair system. However if RecA protein present, it binds to the single strand DNA in the area of damage and activates the cleavage of the LexA repressor from the repair genes. When RecA binds at the site of DNA damage, the regulatory capacity of the LexA protein is disrupted. SoS repair genes are transcribed and their protein products move to the pair site. RecA binds near the damaged DNA and triggers the cleavage of the LexA protein which activates SOS genes. RecA protein appears to form a bridge at the lesion and to an error prone site. This allows DNA polymerase to complete the replication across the gap

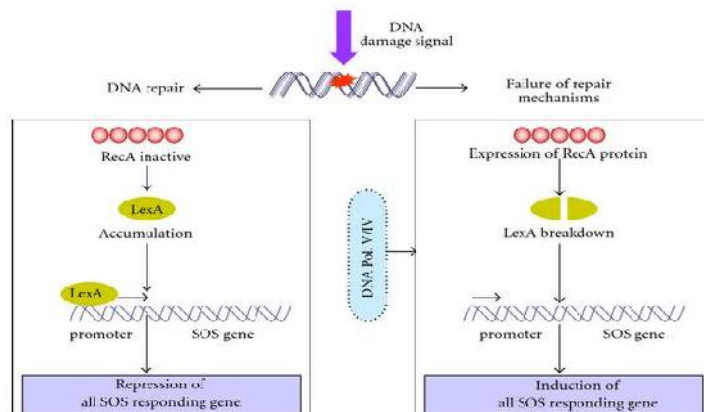


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(Fig 15 Incomplete depiction of repair mechanics)



(Fig 16 Incomplete depiction of repair mechanics )

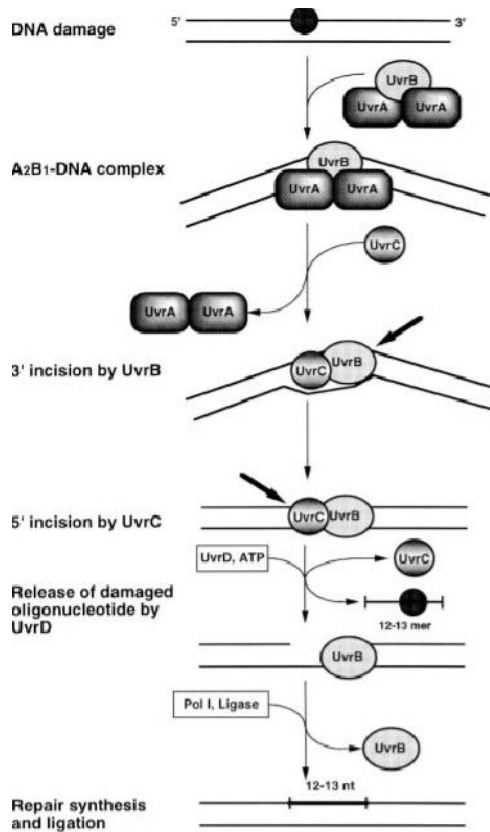


(Fig 17. Incomplete depiction of repair mechanics)

**Excision repair**

**BER, NER, MMR NER (**

(Figure 18) (Petit and Sancar, Biochimie 1999, 81:15-25) A simplified model for nucleotide excision repair in *E. coli*. First, a heterotrimer of UvrA and UvrB is located to the DNA damage. Next, DNA is kinked and partially unwound by UvrB through an ATP-dependent reaction. UvrA leaves and UvrC binds to the UvrB-DNA complex, activating UvrB that makes the 3' incision, which is followed by an UvrC dependent 5' incision. The excised oligomer is released by the UvrD helicase. Pol I fills the gap and releases UvrB at the same time. Finally, the repaired patch is ligated. (Petit and Sancar,1999)



(Fig 18 Incomplete depiction of (NER) repair mechanics ) (33)

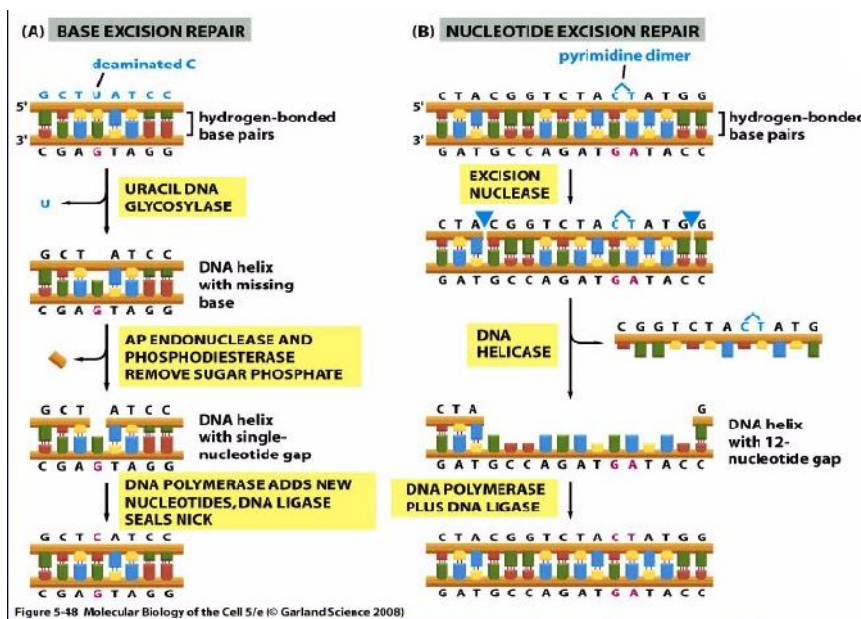
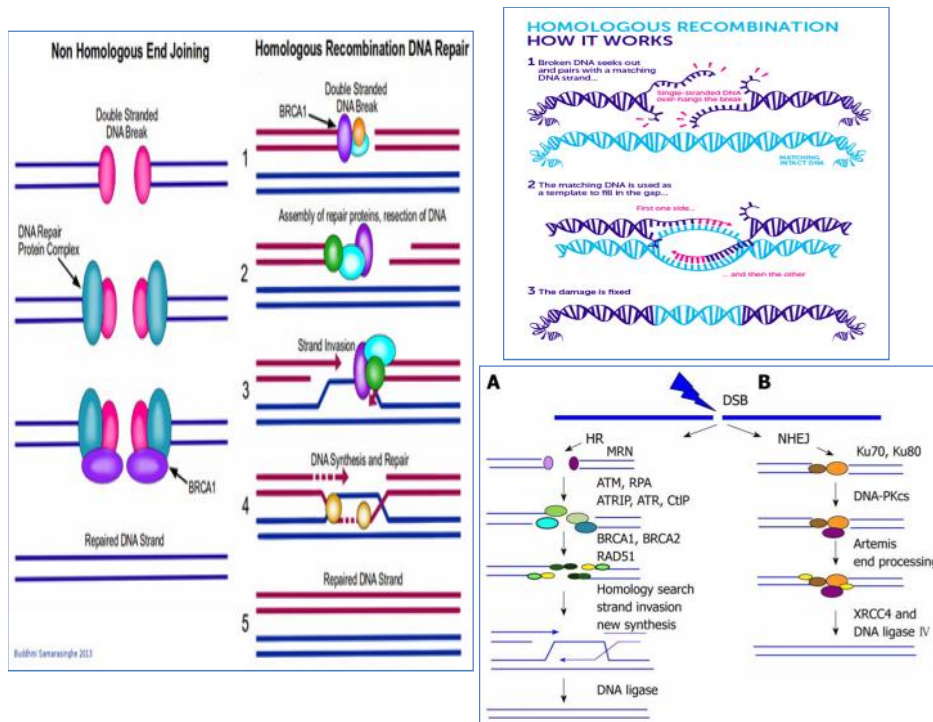


Figure 5-48 Molecular Biology of the Cell 5/e © GarlandScience 2008)

(Fig 18.1 Incomplete depiction of repair mechanics)

## Double Strand Break Repair



(Fig 19 Incomplete depiction of repair mechanics)

Some mutagenic agents create breaks across both strands of the double helix. Ionizing radiations (xray and gamma ray for example) is known to do this. In mammals a specialized form of repair (DSB) repairs the type of DNA damage. The system mediates reannealing of the damaged DNA. Breaks across both strands of DNA can also be repaired by a poorly understood process called homologous recombination repair in which the undamaged strand is recombined into the damaged strand. This occurs in the late S/G2 part of the cell cycle. This process is not well understood. When damage is severe, a non homologous portion of the chromosome may be used to repair the breaks. Clearly this process leads to mutation.

### Conclusion

It is clear that DNA repair is an extremely important process and wide variety of mechanism exist to ensure genetic integrity. When these system fail, the result is mutation leading to abnormal cell function, cancer and cell death. A number of genetic diseases are thought to be associated with defective repair processes. DNA can be repaired and after transcriptions in the following ways.

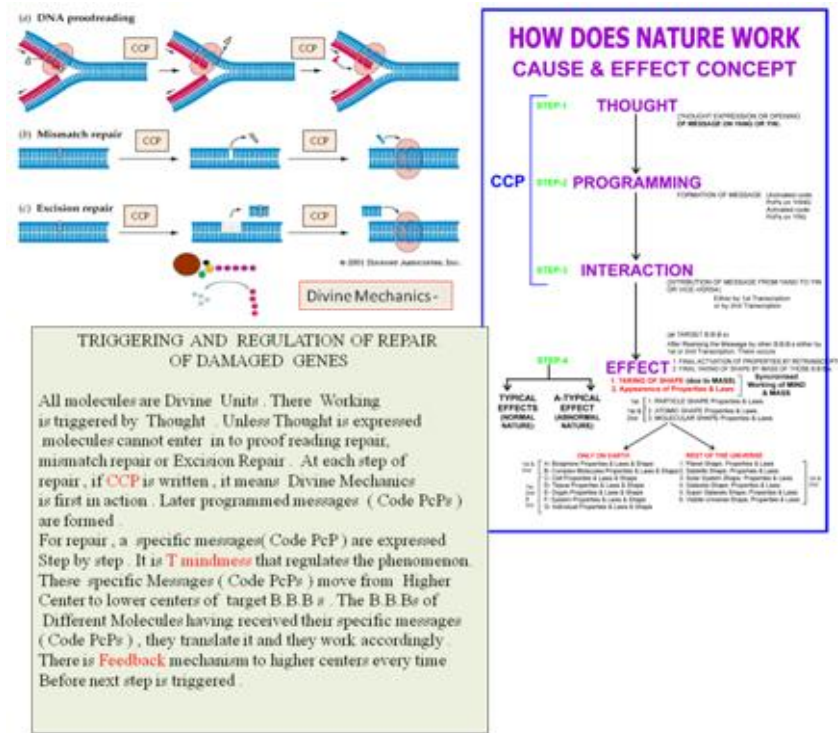
- Proofreading and Mismatch repair, corrects incorrect base insertion during replication.
- Post replication repair, repairs incorrect base insertion after replication is completed.
- Double strand break repair, repairs breaks across both strand of a double helix while DNA repair is essential to all life ensuring the fidelity of genetic information, the occasional failure of repair and subsequent mutation is essential for evolution of life and new forms.

### Complete Depiction of Repair Mechanism (Fig 19.1 and Fig 19.2)

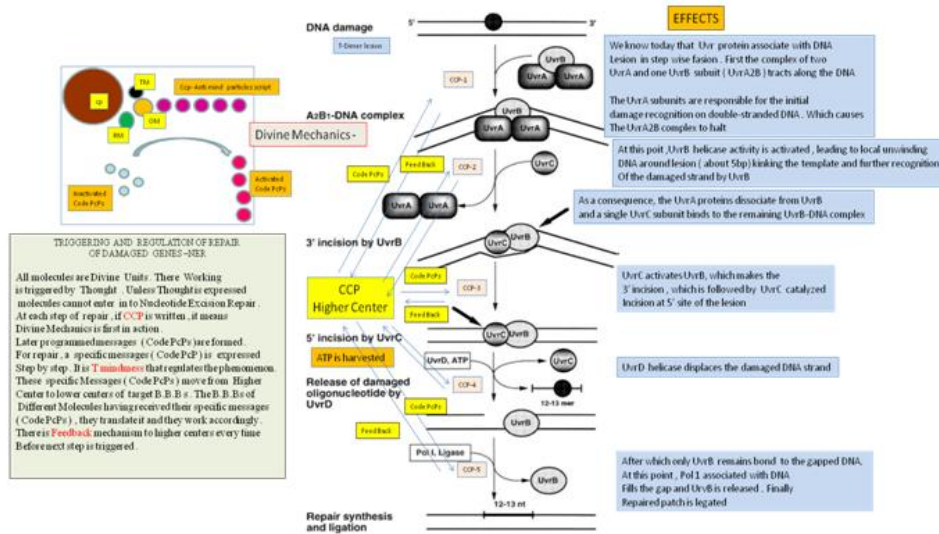
#### CANCER CELL IS THE PROGENY OF NORMAL CELL

The normal cell structures and functions are triggered by normal thought expressions. With the result there are programmed messages (code PCPs) of normal genetic configuration, normal growth and differentiation. These programmed messages, which are carried by code PCPs, are received by target B.B.Bs of the cell. They start showing normal genetic configuration, normal growth and well differentiation of normal cell structure.

During transmutation, these thought expressions are suppressed and activation of abnormal thought expressions are triggered with the result there is formation of programmed messages of genetic damage, rapid growth and de-differentiation. These abnormal programmed messages, which are carried by code PCPs, are received by same target B.B.Bs that were previously showing normal effects. The same B.B.Bs now start showing abnormal effects like genetic damage, rapid growth and de-differentiation. As a result normal cell transmutate into cancer cell.



(Fig 19.1 Complete Depiction of repair mechanism )



(Fig 19.2 Complete depiction of NER mechanism (Thought – Programming – Interaction – Effect) (33)

There are millions of normal cell effects but for understanding the concept I have taken only three effects. Similarly, there are millions of cancer cell effects that are triggered by millions of abnormal thought expressions. But for understanding the concept I have depicted only three abnormal effects. (Fig-20) and (fig 20.1)

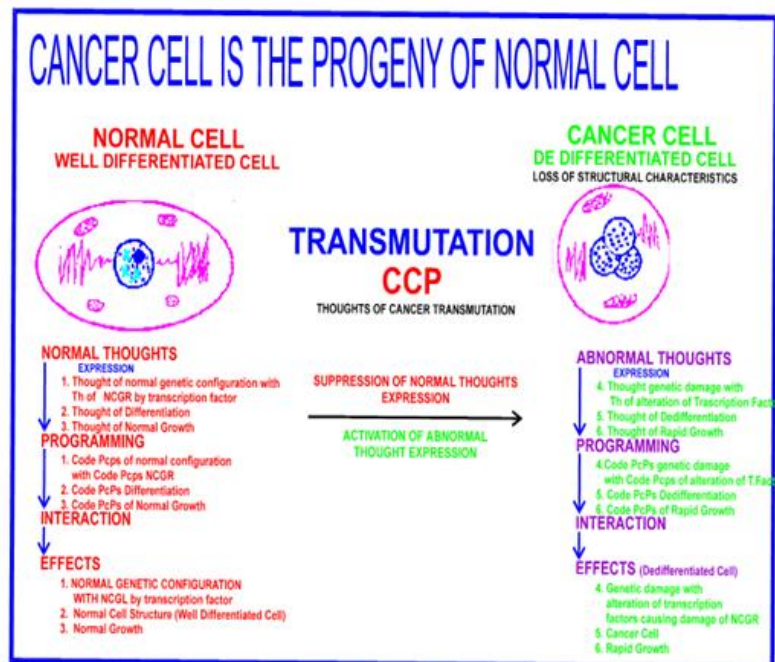
### ATOMIC GENETICS AND GENETIC DAMAGE (Robbins, 1994)

Having read Atomic genetics and Basic etiology of the cancer, now we discuss how atomic genetics trigger molecular effects like genetic damage etc during carcinogenesis. ATOMIC GENETICS is a new branch of science in which we study about Laws, PROPERTIES and FUNCTIONS of atomic genes. Now I shall highlight the laws on which atomic genes work. As we have seen that Gregor Mendel had made three laws of inheritance known as ---

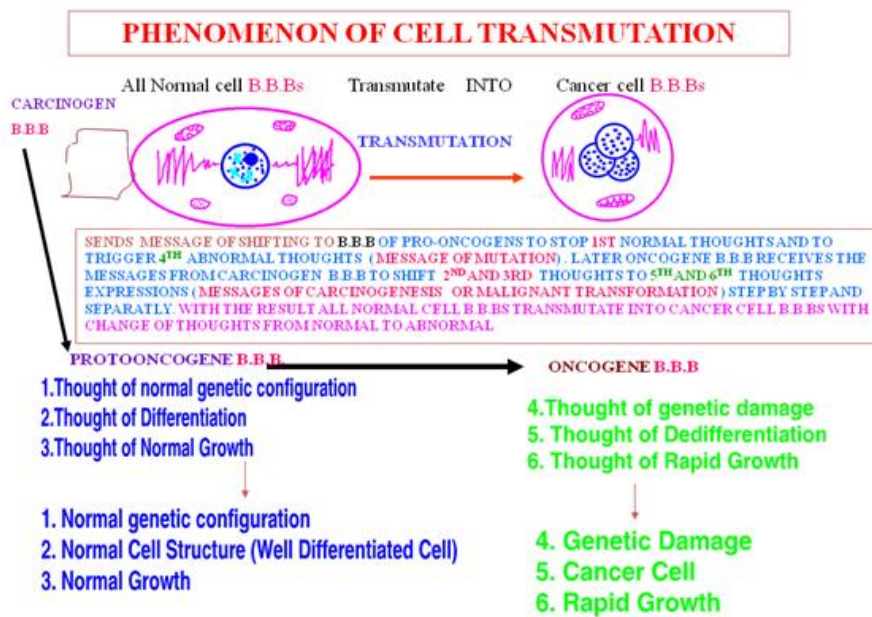
The principle of Dominance---- Mendel therefore concluded that what were transmitted from parent to offspring were discrete factors. Each factor contained information about the form of the trait. The factor associated with the form which was expressed in the hybrid offspring (F1) was DOMINANT. For example, the factor for yellow seed color was a dominant factor. The factor associated with the form which remained hidden in the F1 but reappeared in the F2 was RECESSIVE, Thus the factor for the green seed color was recessive. Mendel's factor is now recognized as the gene.



In atomic genetics this law is interpreted like this ---- During atomic transcription or thought expressions few thoughts are expressed and these are called dominating thoughts and rest thoughts which are not expressed are called recessive thoughts.



(Fig- 20 phenomenon of cancer transmutation )



(Fig 20.1 phenomenon of cancer transmutation)

Thus particles, atoms and molecules show only those properties which are triggered by dominating thought expressions. During transmutation, dominating thoughts get recessive while recessive thoughts get dominant. Single effect or property is triggered by single dominating thought expression or atomic transcription. For example-- Normal genetic arrangements are triggered by normal arrangement genetic dominating thought expressions while genetic damage is triggered by abnormal arrangement genetic dominating thought expressions. Abnormal arrangement genetic thought expression is triggered by carcinogens only after normal arrangement genetic thought expressions get recessive. Or we can say normal genetic arrangement are triggered by normal arrangement genetic thought expressions and when carcinogens come in contact with the cell, they shift the thought expression from normal to abnormal genetic arrangement.

With the result we observe genetic damage. Thus carcinogens suppress dominating normal arrangement genetic thoughts and they trigger abnormal arrangement recessive genetic thoughts. With the result genetic damage is seen.

### **The Principle of Segregation**

The principle of segregation states that allele pairs separate or segregate during gamete formation, and the paired condition is restored by random fusion of gametes during fertilization. In atomic genetics it will be interpreted like this --- There is separate atomic transcription for separate effects. So if there are hundred effects, they all are triggered by hundred separate thought expressions or atomic transcriptions. For example --- Genetic damage is triggered by separate thought expression and rapid growth is triggered by separate thought expression and dedifferentiation is triggered by separate thought expression. And all these thought expressions are triggered by carcinogens. But the timing of thought expressions is different. Genetic damage thought expression is first to trigger and later rapid growth and dedifferentiation thought expressions.

### **The Principle of independent assortment**

The principle of independent assortment states that if we consider the inheritance of two or more genes at a time, their distribution in the gametes and in the progeny of subsequent generations is independent of each other. In atomic genetics it will be interpreted like this--- In one phenomenon, if two or more than two transcriptions or thought expressions are expressed that will give rise to two or more than two effects, it does not mean that their expression is DEPENDENT ON EACH OTHER.

For example --- In phenomenon of carcinogenesis, there is effect of genetic damage, there is effect of rapid growth and there is effect of dedifferentiation. All these effects are triggered by separate thought expressions. The simultaneous expression of these atomic transcriptions is independent of each other. Or these thought expressions are the part of the carcinogenesis phenomenon but their expressions are independent of one another. It does mean that for rapid growth thought expression, genetic damage thought expression is NOT essential. Having informed about the laws and working of atomic genes, Now we discuss phenomenon of carcinogenesis, which is triggered by, outer stimuli like physical, chemical carcinogens or virus or they are self stimulated i.e. hereditary factors.

### **How do carcinogens trigger carcinogenesis**

When Genetic damage is not essential for cancer transmutation then what is the role of Genetic damage?. Why do carcinogens trigger genetic damage first? How do carcinogens trigger carcinogenesis?

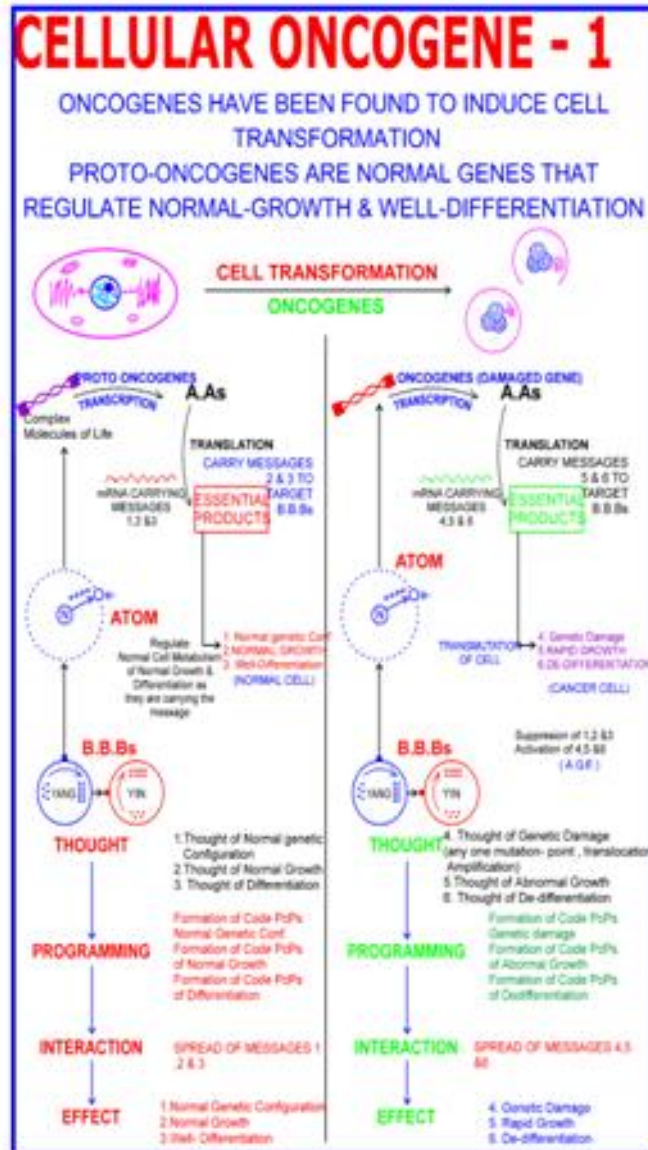
**CARCINOGENS** --- Carcinogens carry a programmed thought of shifting. Having come in contact with the normal cell, they send messages of shifting to all higher centers (BASIC BUILDING BLOCKS) that are involved in thought expressions to give all effects of normal structure and functions of the cell including normal chromosomal configuration. Unless normal cell growth regulation gets damaged, carcinogens cannot trigger carcinogenesis.

**PROTO- ONCOGENES OR ONCOGENES** ---- Proto-oncogenes are the genes that express normal thought expressions; with the result we observe normal GROWTH AND DIFFERENTIATION. While oncogenes are same proto-oncogenes but they express abnormal thought expressions with the result we observe abnormal effects like rapid growth and de-differentiation. It is the carcinogens that transmute proto-oncogenes into oncogenes. (ONLY FUNCTIONAL CHANGE NO STRUCTURAL CHANGE EXCEPT DAMAGE). Oncogenes (genes that are involved in cancer transformation) are highly homologous to cellular genes involved in normal growth and control (Proto oncogenes). It is the carcinogens that trigger phenomenon of carcinogenesis in oncogenes.

**GENETIC DAMAGE**---- Point mutation, chromosomal translocation, and gene amplification, these are the three types of genetic damage effects seen in ras proto-oncogenes, c-fms gene (Point mutation) myc proto-oncogenes, bcl-2 proto-oncogenes, abl proto oncogenes (Translocation), N-myc and L-myc proto oncogenes (Gene amplification). The genetic damage is triggered by carcinogens. It is the first step of carcinogenesis. It just simply shows that normal genetic chromosomal structure or configuration has been transmutated to abnormal chromosomal structure or configuration by carcinogens by shifting the normal thought expressions to abnormal thought expressions. Normal thought expressions were responsible for normal configuration of chromosomes and abnormal thought expressions are responsible for abnormal chromosomal configuration.

It also shows that scientists must think that something other than molecular changes that is occurring inside oncogenes that is the basic etiology of the cancer. This effect has concentrated the scientists to think inside proto-oncogenes, which will be responsible for rapid growth and dedifferentiation. Genetic damage shows that basic etiology is not genetic damage rather it is inside proto oncogenes which have been transformed into oncogenes (Damaged gene onc myc, fos, jun) GENETIC DAMAGE HAD TRIGGERED THE DAMAGE OF NORMAL CONTROL OF CELL DIVISION AND THUS NORMAL CELL PHYSIOLOGY OF REGULATION GETS HAMPERED. This is observed by one of the alteration or damage in normal cell growth regulation process. (Fig-c)

**ONCOGENES**--- Oncogenes myc, fos, jun are responsible for rapid growth and dedifferentiation. Their proto-oncogenes were responsible for normal growth and differentiation. So what had happened inside oncogenes that triggered carcinogenesis. **(Fig-21)** It is the carcinogens that had shifted the normal thought expression to abnormal thought expression inside myc, fos, jun not the genetic damage.



(Fig-21)

Genetic damage occurred first and activation of oncogenes was followed by it. Both the effects are triggered by carcinogens, but the time period was different. Apart from stopping normal cell growth regulation by alteration of transcription factors, they also trigger thought expressions of rapid growth and de-differentiation.

**MUTATION** (genetic damage) should not be correlated with **MALIGNANT TRANSFORMATION** (rapid growth and de-differentiation) as mutation causes damage of normal cell growth regulation by damaging transcription activation. This message is fed back (red arrows) to higher centers. Both are triggered by separate thoughts and their simultaneous expression is independent of each other i.e. for malignant transformation, mutation is not necessary.

(Fig-a)

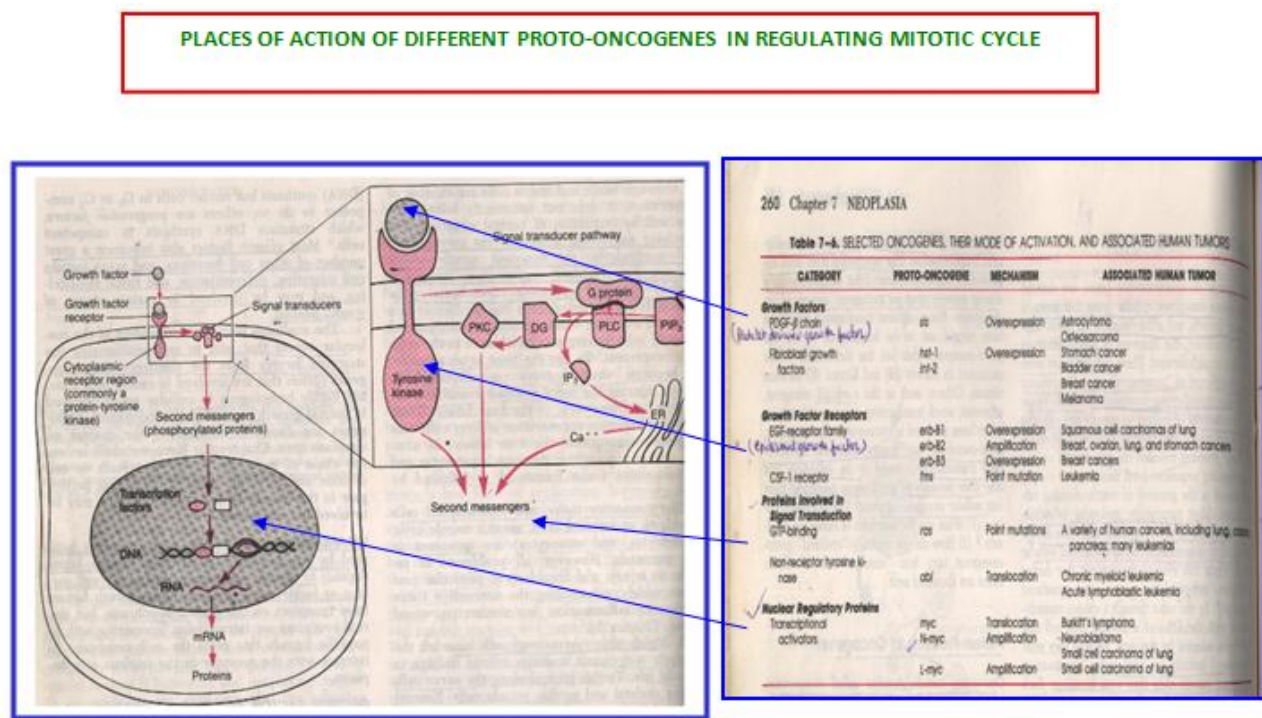
Role of myc, fos, jun oncogenes– Mitotic cycle is regulated by a family of genes whose products are localized to nucleus, where they control transcription of growth related genes. Not surprisingly, therefore, mutation-affecting genes that encode nuclear transcription factors are associated with malignant transformation. It means they not only affect nuclear transcription factors but also they trigger phenomenon of carcinogenesis.

A whole host of oncoprotein, including products of the myc, myb, jun, and fos oncogenes have been localized to the nucleus. Of these the myc gene is the most commonly involved in human tumors. Role of myc oncogene (Fig-a). Apart from stopping normal cell growth regulation by alteration of transcription factors, they also trigger thought expressions of rapid growth and de-differentiation. Both the processes are triggered by carcinogens.

**PROTO ONCOGENE AND ONCOGENE PRODUCTS (ESSENTIAL PRODUCTS ----** Proto oncogenes products (from mRNA to essential products) were carrying normal messages of growth and differentiation with the result we observe normal growth and differentiation. While oncogene products (from mRNA to essential product) were carrying abnormal messages or rapid growth and dedifferentiation that is why we observe phenomenon of carcinogenesis i.e. rapid growth and de-differentiation.

This shifting of thought expressions from normal to abnormal is caused by **CARCINOGENS** not by **GENETIC DAMAGE**. Normal molecular events in cell growth regulation which are damaged by damaged genes are following---- (Fig-b) (Vijay Mohan Das, 2014)

- **LIGAND- (GROWTHFACTORS) RECEPTOR BINDING**
- **GROWTH FACTOR RECEPTOR ACTIVATION**
- **SIGNAL TRANSDUCTION AND SECOND MESSENGER**
- **TRANSCRIPTION FACTORS**

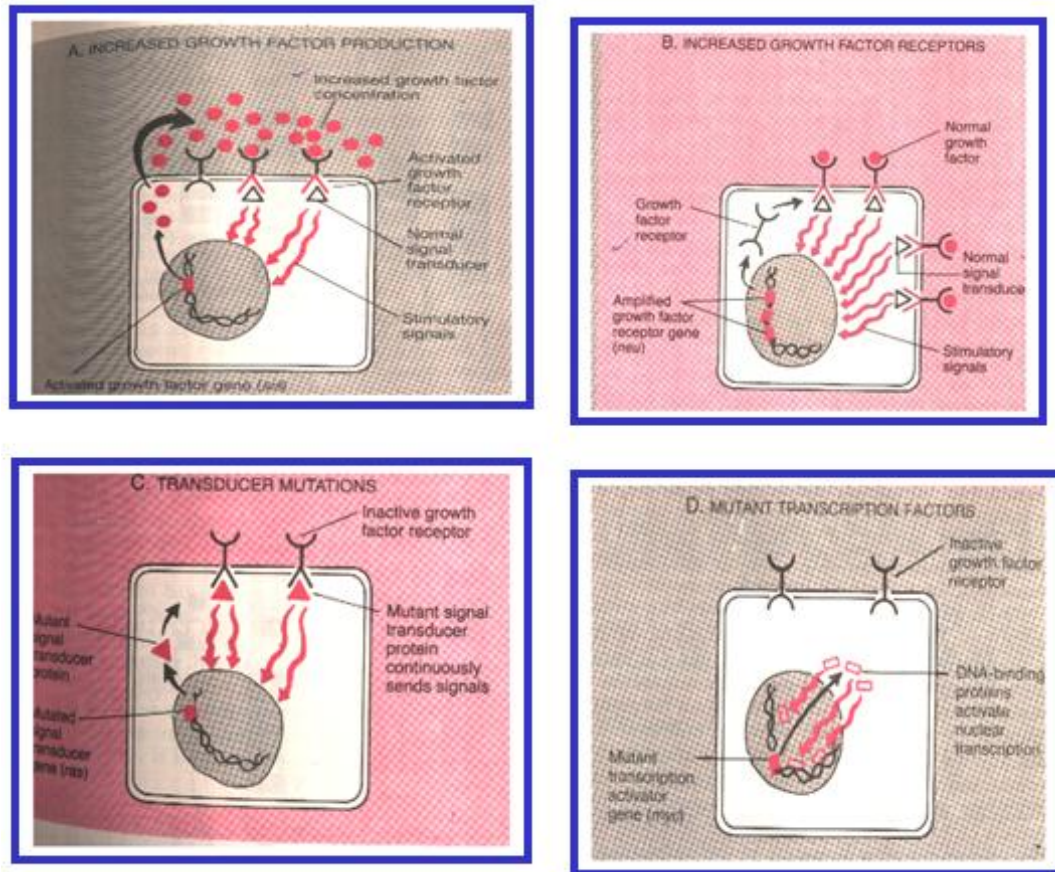


(Fig-b)

It must be noted that increased growth factor production is not sufficient for neoplastic transformation. Same is true for Increased growth factor receptors formation, alteration in signal transduction and second messengers and alteration in nuclear regulatory proteins. Either of these alteration stops normal regulation of cell division.

This altered messages (feed back) are sent to higher center (B.B.Bs), which were involved in damage of normal cell growth regulation. Having stopped the normal cell division regulation, carcinogens trigger activation of Oncogenes. These activated oncogenes (myc, fos, jun) trigger phenomenon of carcinogenesis by expressing abnormal thought expressions of rapid growth and de-differentiations. With the result phenomenon of carcinogenesis is observed.

The regulatory mechanism of normal growth and differentiation has been damaged by damaged gene. This message has been fed back (red arrows) to higher centers(B.B.Bs) that were involved in damage of normal growth and differentiation. (Fig-c)



(Fig-c)

**GROWTH FACTORS---** Normal amount of growth factors (PDGF -BETA CHAIN, Fibroblast growth factors) shows normal regulation of cell division process while increased amount of growth factors means damage in normal cell growth regulation. Proto-oncogenes *sis*, *hst-1*, *Int-2* (over expression) are responsible for this transmutation in cancers.

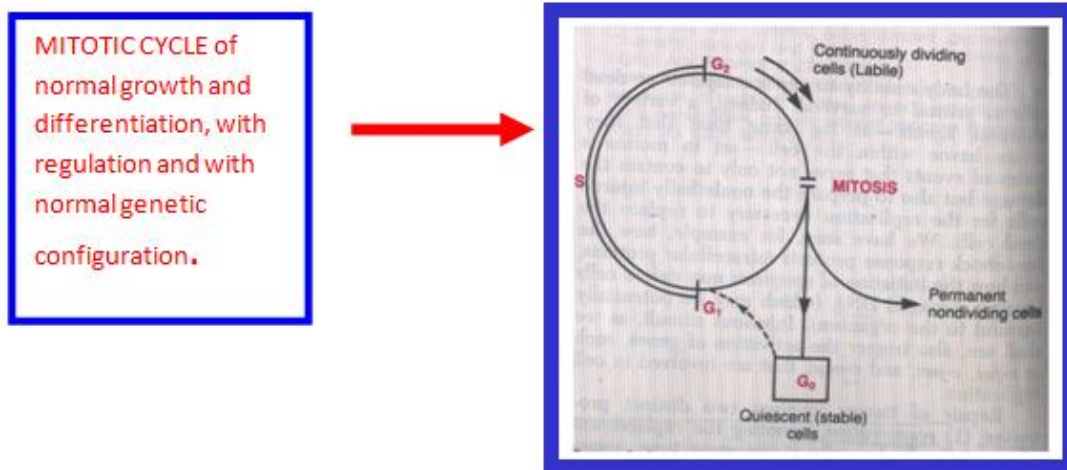
**GROWTH FACTOR RECEPTOR ACTIVATION---** Normally there are few growth factor receptors (EGF receptor family, CSF-1 receptor) that take part in normal cell division (mitosis). In carcinogenesis their number get increased. Proto-oncogenes *erb-B1*, *erb-B3* (over expression), *erb-B2* (amplification) and *fms* (point mutation) are responsible for this transmutation in cancers. It shows normal cell growth regulation is damaged.

**SIGNAL TRANSDUCTION AND SECOND MESSENGER---** Normally the surface messages are shifted to nucleus for cell division and molecules involved are GTP - binding, Non receptor tyrosin kinase. Alteration in the signaling pathway means alteration in the messages carried by them or damage of normal cell regulation process. Proto-oncogenes *ras* (point mutation), *abl* (translocation) are responsible for this transmutation in cancers.

**TRANSCRIPTION FACTORS---** Normally transcriptional activators (MAP kinase,  $Ca^{++}$ , calmoduline) control the transcription and growth related genes and thus activates transcription and mRNAs are formed. These mRNAs also carry messages of normal growth and differentiation. With the result we observe mitotic cycle of normal growth and differentiation. Alteration in transcription factors leads to damage of normal cell growth regulation. Proto oncogenes *myc* (translocation). *N-myc* (amplification) and, *L-myc* (amplification), *fos*, *jun* are responsible for this transmutation in cancers.

Large number of cellular genes are divided into -1. **EARLY GROWTH-REGULATED GENES** (*c-fos*, *c-jun*, *c-myc*), whose mRNA increase well before mid-G1 of the cell cycle and which are induced in the absence of protein synthesis. 2- **LATE GROWTH REGULATED GENES**, whose mRNA start to increase in mid G1, or even at the G1-Gs boundary and which are dependent on protein synthesis (Fig-d).

Among the growth regulated genes are a number of proto-oncogenes in which mutations may be associated with malignant transformation. Some, such as *myc*, *fos*, and *jun*, code for transcription factors and are involved in the regulation of DNA synthesis and possibly, cell division.



(Fig-d)

Is Mutation in myc, fos, Jun Associated with malignant transformation ?

Mutation in myc, fos, jun is not associated with malignant transformation ---- genetic damage (mutation) is a separate effect while triggering of carcinogenesis is a separate and both are triggered by carcinogens but their timing period is different. Had there been no genetic damage (mutation) it would have been difficult to locate the site of triggering of phenomenon of carcinogenesis inside myc, fos, jun. Mutation and malignant transformation are triggered by separate thoughts. Their simultaneous expression gives rise to the mitotic cycle of rapid growth and de-differentiation without regulation with genetic damage. Their simultaneous expression is independent of each other; it does mean that for malignant transformation, mutation is not essential.

Damage shows that something other than damage (expressing thoughts of carcinogenesis) is also occurring inside these genes which were responsible for carcinogenesis. Carcinogens not only trigger transmutation of proto-oncogene into oncogene but also they trigger phenomenon of carcinogenesis by shifting of thought expressions from normal to abnormal.

#### PROTEIN PRODUCTS OF ONCOGENES.

Oncogenes encode proteins called oncoproteins, which resemble the normal products of proto-oncogenes, with the exception that oncoproteins are devoid of important regulatory elements and their production in the transformed cell does not depend on growth factors or other external signals.

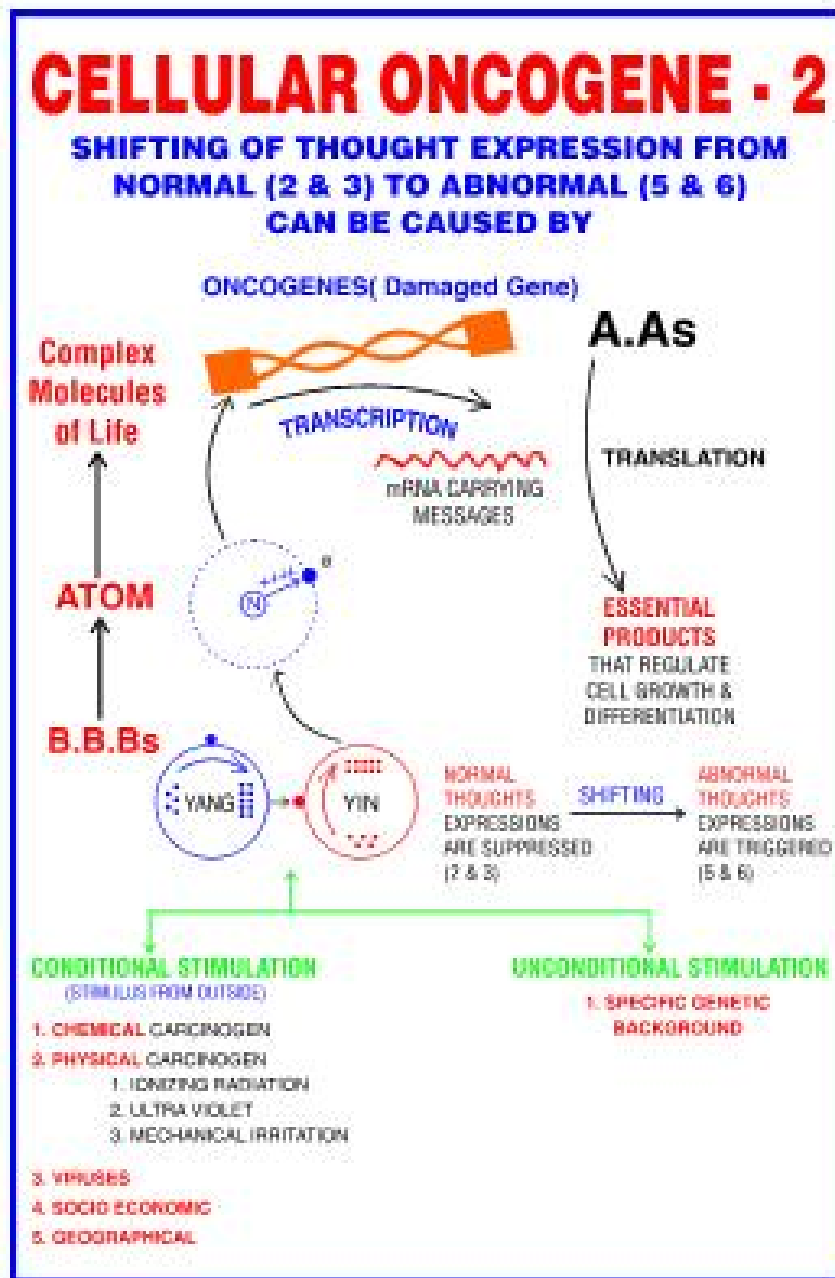
**CANCER SUPPRESSOR GENES**---- Rb, p53, APC, WT-1, DCC, NF-1, NF-2, VHL are responsible for suppressing the rapid growth in normal cell. Carcinogens again suppress their thought expressions and thus carcinogenesis is enhanced. Again it is not the genetic that inactivates tumor suppressor genes.

**IT IS THE CARCINOGENS THAT SHIFTS ALL NORMAL THOUGHT EXPRESSIONS TO ABNORMAL THOUGHT EXPRESSIONS NOT THE GENETIC DAMAGE. (9)**

**STIMULATION OF THOUGHT EXPRESSION** --- Shifting of thought expressions from normal to abnormal could be triggered by either from outer stimuli i.e. **CONDITIONED STIMULATION** of thought expression, which is caused by physical and chemical carcinogens or viruses etc or it is self-stimulated i.e. **UNCONDITIONED STIMULATION** of thought expression, which is caused by hereditary factors. (Fig- 22)

#### CONCLUSION

Cancer is supposed to be a multi-step phenomenon and the basic etiology does not lie in genetic damage or molecular basis. Cancer is a multi-step phenomenon but transmutation occurring in each step is triggered by carcinogens by sending the messages of shifting to each higher center (**BASIC BUILDING BLOCKS**) involved in multi-step. The basic etiology is not molecular genetic damage rather shifting of thought expressions from normal to abnormal thought expressions at the level of **BASIC BUILDING BLOCKS** that constitute that molecule. With the result the molecules show changes in structures, functions, and laws. Phenomenon of transmutation means change in shape, properties, and laws. All three are triggered by separate thought expressions. In carcinogenesis all three thoughts are transmutating. It could be chromosomal structural changes, it could be cellular structural changes or it could be biochemical changes, it could be staining changes, it could be any other, which is not present in normal cell structure and functions.



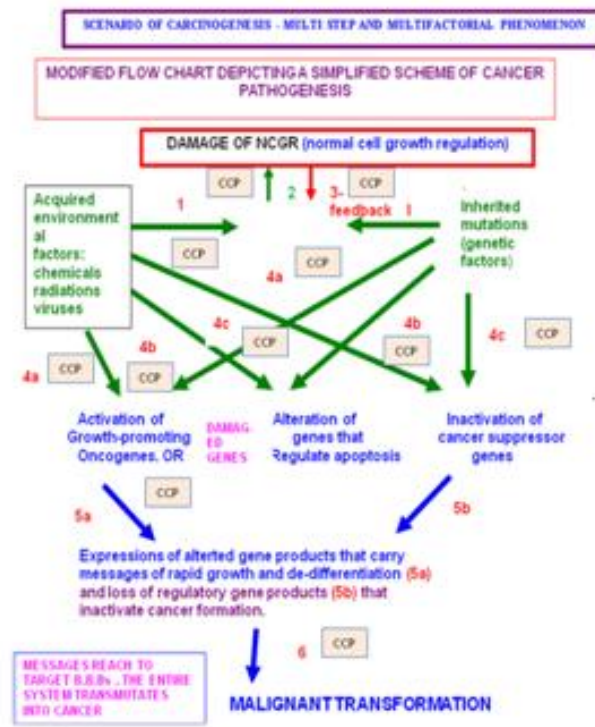
(Fig-22)

So the basic cause in all these changes is shifting of normal atomic transcription to abnormal atomic transcription and that is triggered by carcinogens. Carcinogenesis is supposed to be a multifactorial disease. Yes, it is multifactorial. But what is **COMMON** in all factors. All factors carry programmed thought of shifting from normal thought expressions to abnormal thought expressions. What is common in all cancer transmutation? It is the shifting of thought expressions from normal to abnormal thought expressions and that is triggered by carcinogens or it is self-stimulated (hereditary factors). LAWS OF INDEPENDENT ASSORTMENT STATES THAT IT IS AN ILLUSION THAT GENETIC DAMAGE TRIGGER ACTIVATION OF ONCOGENES AND FURTHER THEY TRIGGER ONCOGENESIS.

It is the basic building blocks (higher centers), which are the basis of molecular alterations, and the fundamental characteristics are shifting of thought expressions from normal to abnormal that is shared by all malignant tumors. The basic principles that govern carcinogenesis, are the laws made by GREGOR MENDEL i.e. the laws of INHERITANCE. Genetic damage is an effect not the cause of cancer.

THE CAUSE OF CANCER IS SHIFTING OF THOUGHT EXPRESSIONS FROM NORMAL TO ABNORMAL, WHICH IS CAUSED BY EITHER OUTER STIMULI, OR THEY ARE SELF-STIMULATED.

Without shifting the thought expressions from normal to abnormal, neither one can have genetic damage, nor rapid growth or de-differentiation. (Fig-23)



(figure 23- Right Flow Chart cancer transformation)

### How life takes form? :

Being a researcher, one must know how do life effects come about. Life effects are higher thought expressions of B.B.Bs. Formation of particles; atoms and molecules are due to lower thought expressions of B.B.Bs. But their higher thought expression lead to appearance of all life effects. One, who knows properties of B.B.Bs. and atomic genetics, can understand how life effects are triggered. There is nothing like SOUL. It is a myth that when soul goes inside we get life and when it moves out we are dead. When thought expressions of life are suppressed and thought expressions, of death are triggered, we observe death effects. So life effects are basically triggered by atomic transcription occurring on B.B.Bs. If life effects are normal leading to normal cell structure and functions, it is due to normal thought expressions. And when thought expressions are abnormal, it leads to appearance of abnormal cell structure and functions as seen in triggering of the cancer cell formations

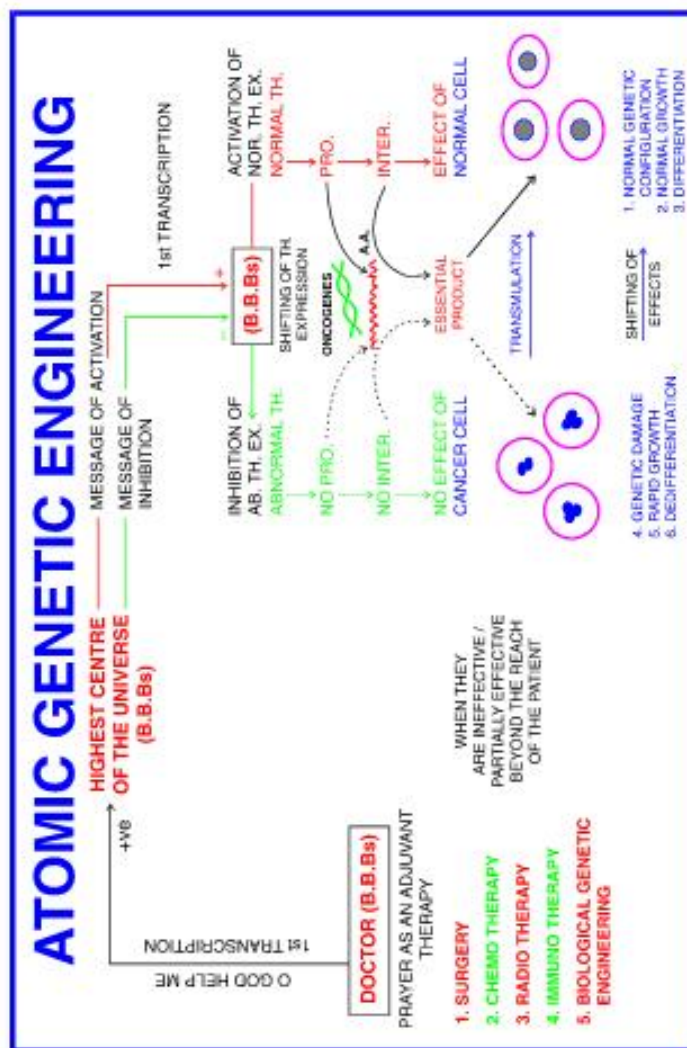
To understand the triggering event of the normal and abnormal life effects, one must know about properties of B.B.Bs. At the time of the origin of the universe, all effects got created. The cause of all effects of the universe is THOUGHT expression. It is the first step and it is followed by PROGRAMMING 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 produce the effects as thought by the higher center. If the thought expressions by higher center are 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 means 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. (Fig-6)

### Atomic Genetic Engineering or Prayer

In atomic genetic engineering or PRAYER (Fig-4) we use our basic power i.e. power of B.B.Bs. Our B.B.B. (higher center) talks with highest center of the universe by sending the message by first transcription. Till today nobody knows how does the brain generate thoughts. I am going to explain you that mystery too. In the frontal lobe of the brain the neurons are responsible for thought generation. In the neuron there is electrical activity called pacemaker activity, which is occurring between dendrites and the body of the neuron. The membrane of the cell is made up of atoms and atom is made up of B.B.Bs. At the level of B.B.B. say thought of 'O GOD HELP ME' is expressed. As a result programmed messages of O GOD HELP ME (code PCPs) are formed. Out of three programmed messages, one is carried by atomic genes to highest center of the universe. It is called THOUGHT RAY which is made up of pure atomic genes and then the message goes through phenomenon called first transcription.



They come out from brain directly. The other two messages are carried by photons from nucleus of atom to electrons. Here they are modulated on electrical activity of the cell called pacemaker activity. Further they are modulated on action potentials going towards REALIZING CENTER situated in brain stem (RAS) and towards speech area situated in the frontal area. Target B.B.Bs of the realizing center finally realizes thought effect of 'O GOD HELP ME'. While from speech area message goes to motor cortex via RAS and from there to vocal cords and finally it comes out as a speech effect of 'O GOD HELP ME'. In layman's terminology formation of the thought ray means PRAYER.



(Fig-24)

The details would be given in next section of 'brain and atomic genetics' along with the other mysteries of the brain. The message goes to highest center of the universe where it is realized and if it is accepted, the highest center could send two messages to B.B.Bs working as higher center in cancer cell. These messages are message of inhibition of abnormal thought expression and message of activation of normal thought expression. Having received the messages, higher center could stop expressing the abnormal thoughts and it could start expressing the normal thoughts. As a result, there would be no more abnormal programmed messages and in place of that normal programmed messages would be there. Now the messages would have shifted from abnormal (iv,v,vi) to normal (i,ii,iii). This shifting of thought expression is called ATOMIC GENETIC ENGINEERING. The changed messages would reach to target B.B.Bs. through same route. Having received the changed messages, target B.B.Bs. would stop expressing the previous (abnormal) programming and they would start expressing the normal programming. As a result the cancer cells could be transmuted into normal cells. (fig 24)

**“I” as highest center of the universe: a representation**

This picture of of “I” First God of symmetry breaking phase (Almighty B.B.B) (shown in Fig-25) is a representation of the highest center of the universe. The entire creation and destruction is under control of it. It is male part of androgynous form of “I”. The entire creation and destruction are under control of highest center of the universe. Halos of fire represent the appearance of brightness (photons) in the universe by which universe can be visualized, while foot over the demon means destruction of the universe and both the processes are under the control of highest center of the universe which is shown as “I” in the picture or male part of androgynous form i.e. YANG working as highest center of the universe.

The other names of highest center are Lord Shiva in Hinduism, TAO in Taoism, ALLAH in Islam and YAHOVA or PARMESHWAR in christianity. During atomic genetic engineering (prayer) our B.B.B talks with highest center of the universe via first transcription. First transcription is the fundamental working and our basic power of the universe. The highest center has power to change any earlier programming programmed by it during pre creation era.



(Fig-25)

### HIGHEST CENTRE OF THE UNIVERSE

This photo of "T" First God concept of symmetry breaking phase ( Avatar Form of yang B.B.B working as Highest center of the universe ), a representation of the highest center of the universe. The entire creation and destruction is under control of it. It is male part of androgynous form of "T", the ALMIGHTY God. The entire creation and destruction are under control of highest center of the universe. Halos of fire represent the appearance of brightness (photons) in the universe by which universe can be visualized, while foot over the demon means destruction of the universe and both the process are under the control of highest center of the universe which is shown as "T" in the picture or male part of androgynous form i.e. YANG-working as highest center of the universe. Prayer from any religion reaches to Him.

### PRAYER AND GROWTH DYNAMICS OF CANCER

Participatory science advocates PRAYER as an adjuvant therapy to improve cure rate (5years, 10years and so on) in all stages (stage one to stage four) of the cancer. Seeing the growth rate of neoplasm, it takes 30 exponential divisions to produce 1cm nodule (1 billion cells). At 45 exponential divisions the patient is apt to be dead from the sheer bulk of the malignant tumor. Based on growth dynamics most tumors have been present in the body for at least 1 year and may for long as 10-15 years prior to the clinical detection. Thus it appears that there is a long period of time between the inception neoplastic transformation and the development of clinical cancer. Unfortunately, one of the great difficulties in the present staging method is that inability to detect sub clinical microscopic metastatic lesions. Many patient who are treated for apparently localized cancers already have disseminated metastasis. (For example, about one half of those patients who have cancer of the breast and who undergo mastectomy have sub clinical distant metastasis at the time of operation.)

The localized lesions (T1N0M0) has crossed 30 exponential divisions to produce 1cm nodule. What had happened to cancer cells between 1 to 29 exponential divisions ? The answer is some time few cells migrate from the primary site to reach secondary and where they proliferate faster to give secondary lesion first (TON1M0). Thus the initial presentation of the tumor may be at the distant from its origin. In fact, the primary neoplasm giving rise to the metastasis may have regressed completely and may never be detected in some neoplasm. The most common metastatic sites for unknown primary are cervical and supraclavicular lymph nodes, lungs,liver, bone and brain. Local recurrence of the cancer following surgery may be due to incomplete removal or spillage of the cells into the operation area. Believing all clinical stages are highrisk group, participatory science advocates prayer as an adjuvant therapy to conquer cancer in all stages of the cancer.

The theory predicts that if prayer is tried honestly (intercessory prayer – Archives internal medicine- JAMA, vol 159, No- 19, 25th Oct. 1999- STUDY - PRAYER HELPS CARDIAC PATIENTS by William S. Harris, PhD), the cure rate will be improved (in %) in all the stages of the cancer irrespective of growth dynamics of cancer as well as complications rate of surgery, chemotherapy and radiotherapy would be reduced. In prayer (ATOMIC GENETIC ENGINEERING) our B.B.B(Basic Building Blocks) talks with highest center of the universe to suppress abnormal thought statements and to trigger normal thought statements and thus the left out cancer cells could be transformed to normal cells making the recurrence zero. (Fig-26)



(Fig-26)

**PREDICTIONS & NEW OBSERVATIONS OF THE NEW THEORY:**

The theory further predicts that if man wants to tame cancer, man has to learn atomic genetic engineering as adjuvant therapy. In atomic genetics engineering, our B.B.B. talks with highest center of the universe via first transcription to shift abnormal thought expressions to normal thought expressions. Thus the left out cancer cells could be transformed into normal cells making the recurrence rate zero. At present 11% success rate has been achieved using atomic genetic engineering (PRAYER) as adjuvant therapy in cardiac cases by Mid American Heart Institute, U.S.A. and it is published in JAMA (Fig-26) (Jama,1999).

**COMPARATIVE STUDY OF NORMAL AND CANCEROUS MITOTIC CYCLE : (Fig- 27)****Conclusion**

Carcinogenesis is supposed to be a multi factorial disease. Yes, it is multi factorial. But what is COMMON in all factors. All factors carry programmed thought of shifting from normal thought expressions to abnormal thought expressions. What is common in all cancer transmutation? It is the shifting of thought expressions from normal to abnormal thought expressions and that is triggered by carcinogens or it is self stimulated (hereditary factors). LAWS OF INDEPENDENT ASSORTMENT STATES THAT IT IS AN ILLUSION THAT GENETIC DAMAGE TRIGGER ACTIVATION OF ONCOGENES AND FURTHER THEY TRIGGER ONCOGENESIS.

It is the basic building blocks (higher centers), which are the basis of molecular alterations, and the fundamental characteristics are shifting of thought expressions from normal to abnormal that is shared by all malignant tumors. The basic principles that govern carcinogenesis, are the laws made by GREGOR MENDEL i.e. the laws of INHERITANCE. Genetic damage is an effect not the cause of cancer. THE CAUSE OF CANCER IS SHIFTING OF THOUGHT EXPRESSIONS FROM NORMAL TO ABNORMAL, WHICH IS CAUSED BY EITHER OUTER STIMULI, OR THEY ARE SELF-STIMULATED.

**Without shifting the thought expressions from normal to abnormal, neither one can have genetic damage, nor rapid growth or de- differentiation.**

To understand replication of DNA and other events during replication like damages, repair, mutations and carcinogenesis and cell death, we have to understand Basic Building Blocks of the universe (Fig- 1) (mass – B.B.B Bit or B-Bit) and Information s (Code PcPs ) and Divine Mechanics Unit ( CCP, Code PcPs and CP). Replication of DNA or Bit is conditioned ( outer stimuli or acquired –water stimulates germinations) or unconditioned (hereditary or triggered by time mindness or biological clock) property of mass part of reality of basic Building blocks and it is triggered and controlled by virtue of Atomic genes part of reality. The phenomenon of DNA damage is also triggered by outer stimuli like Ultra violet, gamma, oxidative agents etc. Types of DNA damages, DNA repairs, DNA mutations, carcinogenesis and cell death is due to mind part of reality to follow all orders made by CCP (thought script). Once the information's (Code PcPs replication, Code PcPs- damages, Code PcPs- repairs, Code PcPs- mutations, Code PcPs- carcinogenesis and finally Code PcPs cell death) are formed, the Bits (DNA – A,T,C,G nucleotides and other molecules) translates it and it works accordingly. That is how mind and mass (Bit or DNA or A,T,C,G nucleotides and other molecules) work together at the level of bio-molecules. These are fed thoughts and feeding was done in pre creation era by Highest center of the universe in higher centers controlling DNA replication, damages, repair, mutations, carcinogenesis and finally apoptos

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