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Jyotish unravels mystery of origin of life

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Abstract

“Origin of Life” is the most mysterious problem in science unresolved yet. Number of theories are abounding of which only one is extra-terrestrial known as “Panspermia Theory of Origin of Life”. Although all scientific and ethical inquiries are *Apara Vidya*, nevertheless, the unravelling of the mystery of the origin of life leads the inquiries into *Para Vidya*, more particularly to *Jyotish*, one of the six *Vedangas* belonging to the 4 *Vedas*. *Jyotish* is the life side of astronomy and a close look at the subject unravels the truth of origin of life. The inclusion, exclusion and substitution of planets adapted into *Jyotish* in its study, established that electromagnetism plays significant role in the origin of the cell concurrent with the origin of the human DNA and its coding. Further, in this study, a theory on Advanced Panspermia of Origin of Life and Evolution is proposed by establishing (i) striking planetary similarities observed for parents and their children of their respective birth charts similar to matching bands in DNA Fingerprinting images of them establishing heredity; (ii) the number of DNA entries required to differentiate one person from the other being identical to the number of planetary configurations that would result (iii) the Lunar Magnetism Orchestrated Menstrual Cycle in Symphony of Reproduction of Life vide Varāhamihira’s *Brihat Jataka*, (iv) that the find of life building blocks of DNA are available as readymade kits in space and brought to the earth by meteorites by NASA corroborated in *Bhagavad Gita* and Varāhamihira’s *Brihat Samhita* and that (v) Cambrian Explosion witnessed the origin of complex vertebrates simultaneously and all of a sudden. All the above comprise the strongest scientific evidence in the “Breakthrough of “Advanced Panspermia of Origin of Life and Evolution”. Perhaps, the totipotent cell, formed in space under abiotic conditions during the early days of the solar system, picks up different magnetic signals from out of the solar symphony and at different stages of its development and the DNA is thus programmed. The proteins These pre-programmed magnetic memories may be evoked later in evolution when similar magnetic signals are repeated. Life came into being from space brought by star dust on the Earth with each major change of climate for evolution at intervals of simple multiples of Geological Time Scale ‘Periods’. The study also discusses of how the Sun, Moon, and planets telegraph their effects to us, via interplanetary space striking Earth’s magnetosphere, which are perceived by the neural network of the living beings, which are genetically predisposed to hear specific planetary signals.

Keywords: Para and Apara Vidya, Panspermia, Jyotish, totipotent cell, dna, meteorite, solar system, interplanetary magnetic field, earth’s magnetosphere, geological time scale

1. Introduction

Hindu scriptures are categorised under two heads, namely, Para Vidya and Apara Vidya. Para Vidya is the knowledge of the Absolute whereas Apara Vidya is the knowledge of the world; the former has Reality as its content possesses a unique quality of ultimacy which is unique and free from reason, senses, etc., but the latter has the phenomenal world as its content. Para Vidya does not require any support or proof, and is irrefutable. Para Vidya, concerned with Brahman, the highest reality and value, and the final terminus, cannot be conceived as an inquiry; all scientific and ethical inquiries are Apara Vidya, nevertheless, the scientists engaged in such inquiries not only guide the selection of means to an end but also guide choice of the ends. Although all scientific and ethical inquiries are Apara Vidya, nevertheless, the unravelling of the mystery of the origin of life leads the inquiries into Para Vidya, more particularly to Jyotish, one of the six Vedangas belonging to the 4 Vedas (Figure 1). Jyotish is the life side of astronomy and a close look at the subject unravels the truth of origin of life. The inclusion, exclusion and substitution of planets adapted into Jyotish in its study, established that electromagnetism plays significant role in the origin of the cell concurrent with the origin of the human DNA and its coding besides explaining the scientific basis of ‘how astrology works’^[1].

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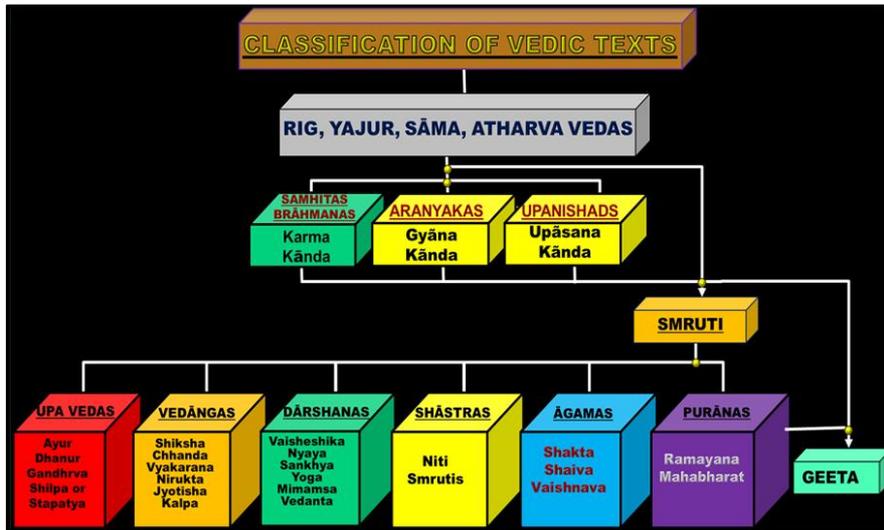


Fig 1: Classification of Vedic Texts

1.1 Current State of Research

There are problems facing abiogenesis like the problems that the cell architecture is not coded by DNA [2]. And that even the simplest cell has a sophisticated control system which drives the cell’s life cycle [3]. This problem is totally dormant in the panspermia hypothesis revived by Crick and Orgel [4]. Hoyle and Wickramasinghe [5] confirmed that life could have come from the cosmos and further research and evidences showed that bacteria and even higher organisms could have survived a journey through space. Molecular biology, and at intricate level cell Biology and genetic research has confirmed that life is far more complex than thought. Panspermia, therefore, is becoming a serious alternative to the theory of evolution. For the first time, in this paper, the importance of Geological Time Scale is utilised in arriving at the role of climatic changes at regular intervals in the origin and evolution of species. Since it is doubtful that Darwinian evolution was responsible for the generation of complex organisms which needed thousands of beneficial mutations

and also not able to explain the origin of life and evolution in such intricate organs like human brain and circadian motions of the eye, it was proposed here that strong and ‘Advanced Panspermia’ could be responsible for further development. Yet, another point to totally dispute is the circumstance that during the Cambrian explosion, around 540 million years ago and particularly during the 20-million-year period all existing phyla belonging to the animal kingdom suddenly and simultaneously appeared as vertebrates of complex nature in total contradistinction to ‘Darwin’s Theory of Evolution and Natural Selection’ regarding evolution of species over efflux of geological time Periods and Eras.

2. Stars

The zodiac or *Rasi Chakra* is a circular belt of 16° width with 8° on either side of the ecliptic, the centre line of the ecliptic. The 27 lunar constellations lie equidistant along the ecliptic (Figure 2).

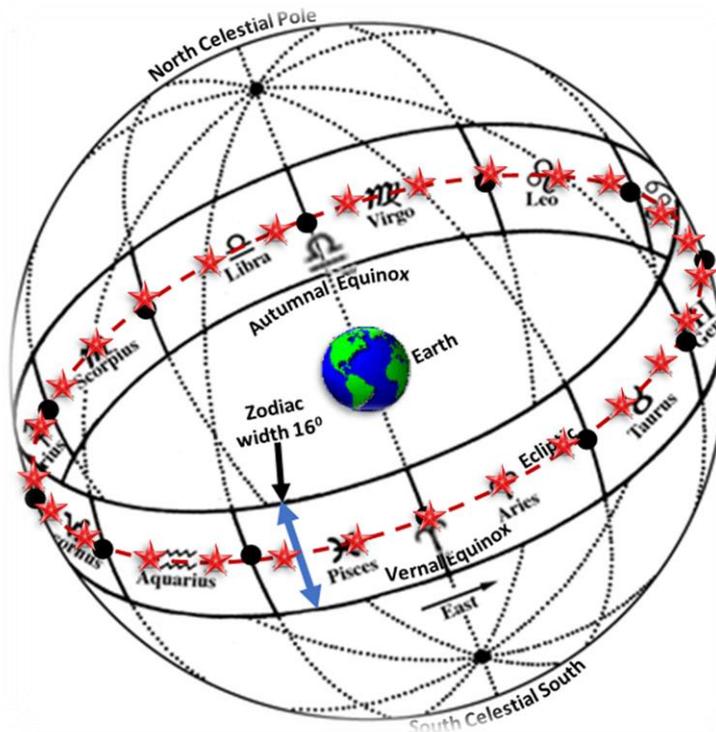


Fig 2: Zodiac and 27 Lunar Constellations along the Ecliptic.

In *jyotish*, these stars constitute the 23 pairs of chromosomes and 4 RNA. DNA needs certain proteins in order to replicate. Proteins need DNA to form. Neither could have formed naturally without the other already in existence. Organisms store information as DNA, release or carry information as RNA, and transform information into the proteins that perform most of the functions of cells. RNA is an intermediary between DNA and protein.

Milky Way galaxy revealed that the human body consists of ninety-seven percent of stardust. More than 97 percent of the mass of a human body is made up of carbon, hydrogen, nitrogen, oxygen, phosphorus and sulphur “CHNOPS” the six most common elements of life on Earth. This establishes an undeniable fact that most of the essential elements of life are made in stars. Many of the atoms which make up our body were created sometime in the distant past inside of stars, and those atoms might have plausibly made long journeys in the form of star dust from those ancient stars to us. What are stars made of and what are they finally becoming are all celestial questions. Jennifer Johnson, an astronomer concluded that we are made of star dust since most atoms in our bodies were forged in stars, and the cosmic processes are as varied as the atoms they produce. Recent researches are hinting that Phosphorus-bearing molecules, essential for cell metabolism, are created when massive stars are formed [6]. Under abiotic conditions, these are synthesised into all life building blocks spontaneously in space leading to membrane-bound proto-cells to finally pre-programmed living cells of different species. “The proposition that space dust collisions could propel organisms over enormous distances between planets raises some exciting prospects of how life and the atmospheres of planets originated. The streaming of fast space dust is found throughout planetary systems and could be a common factor in proliferating life” [7]. Such an event could enable bacteria and other forms of life can easily make their way from one planet in the solar system to another and perhaps beyond to interstellar space. The average adult human is made up of 7 octillion atoms, and most of them are hydrogen - the most common element in the Universe, produced by the Big Bang about 14 billion years ago. The Sun, centre of the solar system, has 75% Hydrogen and 25% Helium. The central strands of the human DNA are of Hydrogen. Thus, a fundamental harmony exists between the universe and the individual. So, the human being is microcosm of the macrocosm, the universe.

2.1 Miller-Urey experiment

Harry Noller, a molecular biology professor at the University of California quoted elsewhere “You can never prove how life originated but what we can now wonder is, 'Is there a plausible way that life arose from non-living inorganic chemistry?' And it's starting to look like you can connect the dots between the periodic table, the atoms available to us in the universe, and life as an emergent property of matter”.

The famous Miller—Urey experiment (1950) demonstrated abiogenesis, the process responsible for the development of living beings from non-living substances of inorganic chemistry or abiotic matter could be synthesized through electrical discharge triggering lightning (Miller 1953) without the DNA code [8]. Lightning could cause chemical reaction under abiotic conditions in space. Many meteorites show evidence of having been hit by space lightning. Perhaps, this was in the early days of the solar system, when the sun had a thin atmosphere of gas and dust stretching far into the outer Solar System. Recently lightning was observed on Mars. In *Jyotish*, Mars signifies ‘lightning’ (*Vidutkānta samaprabham*).

It is now known that amino acids and other life building blocks of DNA are commonly made by Nature in a wide variety of locations and are even found in meteorites. Amino acids are derived from the planets’ atmosphere by the chemical combination of Methane, Ammonia, Hydrogen and Water triggered by lightning. Under abiotic conditions, spontaneously formed are lipids, carbohydrates, amino acids, proteins, nucleotides which in turn enabled formation of proteins, RNA systems, evolution of DNA and formation of lipid spheres in space. This in turn gave rise to enzymes and other proteins leading to membrane bound proto cells. Totipotent cells thus formed under abiotic conditions concurrently with DNA Code by picking up different magnetic signals from out of the solar symphony at different stages of its development. Plausibly “a cell as a little machine that does lots of different things—it senses, it makes more of itself, it reads and replicates DNA, and for all of these things to occur, proteins have to vibrate and interact with one another.” ---- Professor Andrea Markelz. The DNA is thus pre-programmed just as recording a magnetic tape in a tape recorder and finally leading to full-fledged living cells with nothing to manufacture here on Earth. The magnetic memories may be evoked later in evolution of an organism when similar magnetic signals are repeated similar to replaying the tape in a recorder.

2.2 Basal ganglia nuclei and the solar system

Basal Ganglia underneath the brain within each of us (the inner Solar System) and its cosmic counterparts are shown in the following figure (Figure 3).

The location, structure and functions of Basal Ganglia Orders of the brain in human physiology are compared with their cosmic counterparts namely, the Planets of the Solar System, in their location, functions, rather their significations, and their hierarchy in *Vedic Astrology*. It is easily observed that there is a corresponding relation between Basal Ganglia Orders of the brain and our Planets of *Vedic Astrology* of our Solar System in terms of basic structure, location and broad functions. For example, Putamen at the right-hand side extreme end is signified as ‘Messenger’ in physiology and the corresponding cosmic component is Saturn in *Jyotish* which is signified as ‘servant’ [9].

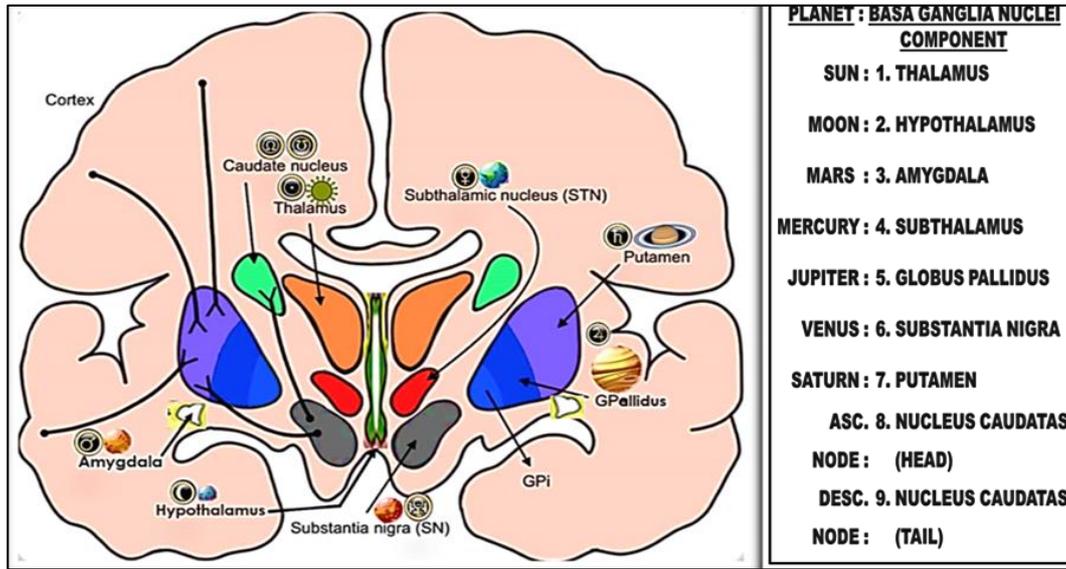


Fig 3: Basal Ganglia Nuclei Orders and Corresponding Cosmic Counter parts

2.3. DNA and the Solar System

At the time of the Universe coming into existence during *Sveta Varāha Kalpa* about 8.4 billion years ago. The hydrogen bonds correspond to the Sun in the Solar System whose composition is 92 per cent Hydrogen and is the centre of the solar system. Similarly, the various components of DNA relate to the different planets in the Solar System. The mass of the Planets is considered as the criterion for correlating them as Cosmic counterparts of the different primary nucleobases of DNA based on their molecular weights. Jupiter is by far the most massive planet; Saturn trails it. Uranus, Neptune, Earth, Venus, Mars, and Pluto are orders of magnitude less massive. DNA (Deoxyribonucleic Acid) is the apparent basis of terrestrial life. So, the Hydrogen Bonds represent the Sun, whose composition is 92 per cent Hydrogen, and around which all the planets move. Similarly, the various components of DNA based on their molecular weights relate to the different planets in the Solar System based on their mass. Guanine, the heaviest constituent of DNA to the heaviest planet, Jupiter; likewise, Adenine corresponds to Saturn, Cytosine to Mars and Thymine to Venus.

Sugar corresponds to Moon as Moon signifies all white substances such as milk, salt, sugar etc., Phosphate corresponds to Mercury as Mercury signifies all chemical substances, and enzymes which act within the DNA correspond to Ascending and Descending Nodes of the Moon [10].

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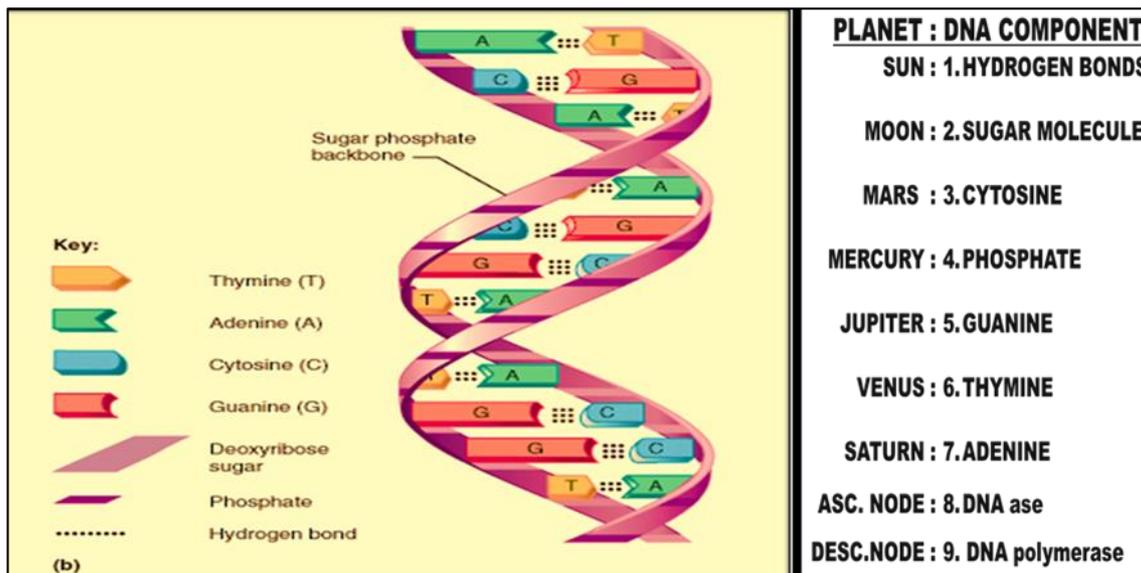


Fig 4: Human DNA and Corresponding Cosmic Counter parts

2.4 Bonding of Bases of DNA and classification of Planets
Guanine (Jupiter) and Cytosine (Mars) combine and form GC Bond while Adenine (Saturn) and Thymine (Venus) combine and form AT Bond. In *Jyotish*, cosmic components of GC Bond, Jupiter and Mars are friends. Similarly, Saturn and Venus of AT Bond are friends. Also, in *Jyotish* the cosmic components, Jupiter and Venus are classified as 'Benefics' while Mars and Saturn are 'Malefics'. Plausibly, humans are endowed with qualities of virtues and vices in their DNA ^[11].

3. Meteorites

A meteoroid is a sand- to boulder-sized particle of debris in the Solar System which collides with the Earth. The visible path of a meteoroid that enters Earth's (or another body's) atmosphere is called a *meteor*, or colloquially a shooting star or falling star. If a meteoroid reaches the ground and survives impact, then it is called a meteorite. Astrobiology Division of NASA stated that life building blocks of DNA are found in meteorites brought to the Earth by them. Later, it was also mentioned that these life building blocks found by them were intact despite the heavy re-entry temperature of meteorites about 1650 degrees Centigrade when they hit the earth's atmosphere. The amino acids did not break down due to heat and shock of the simulated crash is possibly due to the invisible and indestructible shield called spirit or Soul enveloping them. It is a dogma that only what can be tested in labs and proved by material evidence is real. All the rest is illusion or delusion. Science gives us knowledge but knowledge alone is not enough for man. He is also in dire need of wisdom and spiritual discernment for the survival of humanity. It looked strange for scientists. It is no strange to Hindus vide the following *two Slokas* of Bhagavad Gita.

ते तं भुक्त्वा स्वर्गलोकं विशालं क्षीणे पुण्ये मर्त्यलोकं
विशन्ति ।
एवं त्रयीधर्ममनुप्रपन्नना गतागतं कामकामा लभन्ते ॥९-
२१॥

---(Bhagavad Gita Ch.9 Verse 21).

te tam bhuktvā svarga-lokam visālam; ksine punye martya-lokam
visanti ।
evam trayi-dharmam anuprapannā; gatāgatam kāma-kāma labhante
॥ ^[12].

Meaning: When they have thus enjoyed heavenly sense pleasure, they return to this mortal planet again. Thus, through the Vedic principles, they achieve only flickering happiness.

नैनं छिन्दन्ति शस्त्राणि नैनं दहति पावकः ।
न चैनं क्लेदयन्त्यापो न शोषयति मारुतः ॥ 23॥

--- (Bhagavat Gita: Chapter 2, Text 23)

nainam chhindanti śhastrāṇi nainam dahati pāvakaḥ
na chainam kledayantyāpo na śhoṣhayati mārutaḥ ^[13]

Meaning: Weapons cannot cut it, nor fire can burn it, also water cannot wet it, likewise air cannot dry it.

Hindu concept holds that Meteorites are the forms of those people who have done meritorious deeds on earth go to heaven in astral form with the souls and return to earth only to be reborn. Varāhamihira, in one of his works, "*Brihat Samhita*", classified meteors under five heads, namely, 1.

Dhiṣṇya, 2. *Ulkā*, 3. *Aśani* (thunderbolt), 4. *Vidyut* (lightning), 5. *Tārā* (stars) ^[14].

4. Advanced Panspermia of Origin of Life

Panspermia (from Ancient Greek (pan), meaning 'all', and ((sperma), meaning 'seed') is the hypothesis that life exists throughout the Universe, distributed by space dust, meteoroids, asteroids, comets, planetoids, and also by spacecraft carrying unintended contamination by microorganisms. The cell together with its DNA, at various stages of its development under abiotic conditions, picks up different magnetic signals from out of the solar symphony and the DNA is thus pre-programmed and finally lead to living cells. The magnetic memories may be evoked later in evolution when similar magnetic signals are repeated. Different magnetic signals from out of the solar symphony at different times of synchronisation of successive planetary pairs of Solar System give rise to multiple DNA sequences of multiple species of myriad frequencies wherein the successive pairs of planets plausibly represent pairs of codon and amino acids circles. Earth's magnetosphere contains a wide range of frequencies, one of which is connected to the Moon. Similarly, other planets show myriad bands of frequencies of their magnetic fields. Such of those frequencies in the magnetosphere of a planet that are close to the tidal frequencies of the other planets will remain in step with one another. Thus, each planet will have one magnetic frequency associated with one planet, another with some other planet and so on. Successive Pairs of Planetary Synchronisation Structure of the Solar System will remain in step with one another and their electromagnetic force help the origin of different genetic codes of different species. Mechanism of 'Origin of Life' fortifies the mechanism for 'Evolution'. Female Menstruation cycle is an important physiological process in the Reproduction System. The entire process is orchestrated by the electromagnetic forces of the Sun, the Earth and the Moon. The Lunar Phases match one to one with those of the Human Female menstrual phases both in terms of their duration and functions. This is an essential step in fortifying the conclusion that evolution of species on the Earth is the result of the solar symphony on the principle "as above so below". It is therefore reasonable to hold that the same mechanism (solar symphony) plays its part in the origin of life as well as in evolution of life.

5. Lordship of signs of zodiac by planets in *Jyotish*

The Sun substituted for earth and its satellite, the Moon, together with all the planets of solar system including the two lunar nodes but excluding the outer planets situated beyond the orbit of Saturn comprise a total of 9 entities. The two lunar nodes are shadowy planets and they are not assigned any lordship of the signs of Zodiac. Now, there are 7 entities to be assigned lordship of the 12 signs of the zodiac. The Sun substituted for earth and its satellite; the Moon are treated as a single entity as they are inseparable. Thus, we have now 6 entities. Each entity is assigned two signs. Sun and the Moon thus get lordship of one sign each, namely, that of Leo and Cancer respectively.

The sign Cancer and the sign Leo are consecutive signs in the zodiac. They for a single unit signify couple, father and mother Moon signifies mother (*Mātrūkāraka*) and the sun signifies father (*Pitrukāraka*). Jupiter is the lord of Sagittarius and also of Pisces. He has special aspect over the 5th and the 9th signs and aspects Sun and his sign Leo with his 9th special

aspect from Sagittarius and also aspects Moon and his sign Cancer with his 5th special aspect from Cancer respectively. Jupiter signifies 'Jeeva'. With the aspect over Sun

(Ātmakāraka), it becomes, 'Jeevātma' which then forms a Zygote in the mother (Figure 5).



Fig 5: Vedic Astrology defines Zygote formation

6. Evolution and DNA: Most Famous Molecule of Heredity

Deoxyribonucleic acid (DNA) is a molecule that contains the biological instructions that make each species unique. DNA, along with the instructions it contains, is passed from adult organisms to their offspring during reproduction. DNA is the most famous molecule of heredity. The foetus's neural network serves as antenna. It tunes into fluctuations in Earth's magnetic field. The imprinting of the neural antennae depends on genetic heredity. This gives us our basic congenital personality. If a certain planet in a parent's planetary configuration at his birth time was placed in a particular zodiacal sign, the child also is born with a similar planetary

placement. The percentage of similarities of planets' places depends on the number of same planets' occupation in similar signs similar to the number of bands matching in DNA fingerprinting [15].

French statistician and scientist Michel Gauquelin's work, in which human biological clocks keep time with the planets. The fact that striking planetary similarities are observed in the planetary configurations of parents and their children for their birth times (Figure 6) and that the value of DNA entries being equal to the number of planetary configurations with individual degrees of freedom of planets comprise the strongest scientific evidence for the 'Advanced Panspermia Hypothesis of Origin of Life', and the "Hypothesis of Evolution of all Life on Earth" [16].

5	6	7	8	8	9 Sani	10 Ketu	11
4	Tropical Rasi Chart Parent DOB: 24.09.1908 at 09.24 am Lat: N 14.45° Long: E 80.00°			9 Kuja Ketu	Tropical Rasi Chart Child DOB: 19.09.1938 at 2.51 am Lat: N 14.15° Long: E 79.90°		12 Chandra
3 Rahu Chandra				10			1 LAGNA
2 Sani	1 LAGNA Sukra	12 Guru Ravi	11 Budha	5	4 Sukra Rahu	3	2 Kuja Budha Ravi

Fig 6: Tropical Horoscopes of parent and child

Table 1: Table of similarities observed in the planetary configurations of parents and their children

Sl. No.	Planet	Chart 1 Parent	Chart 2 Child	Common sign for the common planet	Remarks
1	Lagna	Scorpio	Leo	---	---
2	Sun	12 th House	2 nd House	---	1 ⁰ in Libra but in Virgo Bhava in Chart 1. It is in Virgo in Chart 2
3	Moon	3 rd House	12 th House	---	---

4	Mercury	11 th House	2 nd House	Virgo	Both are authors
5	Venus	1 st House	4 th House	Scorpio	Both are very good looking and alike
6	Mars	9 th House	2 nd House	---	6 th Lord Mars in the 9 th house Cancer. Temporary break in education.
7	Jupiter	12 th House	7 th House	---	---
8	Saturn	2 nd House	9 th House	---	6 th Lord Saturn in the 9 th house Aries. Temporary break in education.
9	Rahu	3 rd House	4 th House	---	---
10	Ketu	9 th House	10 th House	---	---

6.1 Planets' Configurations and DNA Entries

What is stated above is the correct view of the matter is evidenced by the fact that the number of DNA entries required (3×10^6) and the number Planets' configurations 12^6 i.e., $2,985,984 \approx 3 \times 10^6$ to differentiate one person from the other is the same in both the cases ^[15].

Extra-terrestrial astral influence affects earth's geomagnetic fields, which in turn affect human foetal development. That the above concept of Moon and Magnetism and orbital revolutions are responsible in orchestrating female menstrual ovulation cycles, fertilisation and finally heralding child birth in the symphony of life is the correct view of the matter is evidenced by the fact that the number of planets' configurations and the number of DNA entries required to differentiate two individuals from one person to the other are found to be identical.

Human genome comprises of over 3 billion i.e., 3×10^9 of DNA base pairs of which 99.9% are identical from one person to the other. The residual 0.1% i.e., 3×10^6 allows us to differentiate one person to the other, in terms of appearance, character and also allow effective human identification

through DNA typing or DNA profiling. With the world's human population estimated to be only 7.1 billion i.e., 7.1×10^9 , it is therefore extremely unlikely for one to share the same profile as someone else, unless one is an identical twin ^[17].

6.2 Human Female Menstrual Cycle

Human Female Menstrual Cycle exhibits a close relationship with the Phases of the Moon during Lunar Month of 29 Days in terms of their duration as well as their functions. This relationship is correlated and presented as follows for brevity (Table 2). Specific moon phase energies, when they magnify phases of menstrual cycle, can be freed up and made available for use if we choose to work with them. Lunar Magnetism orchestrates Human Female Menstrual Cycles. Lunar Phases match one to one with human female menstrual phases match one to one in terms of duration and nature of functions comprise the strongest scientific evidence of Panspermia Hypothesis of Origin of Life and Hypothesis of Evolution of all Life on Earth [16].

Table 2: Correlation of Human Female Menstrual Phases and Phases of the Moon of their duration as well as their functions

Sl. No.	Phases of Human Female Menstrual Cycle	Relation Phases of Moon to Phases of Menstrual Cycle	Duration of Phases in Both the cases	Comparison of Nature of Function and Duration of Phases in Both the cases
1	Menstrual Phase	Beginning of New Moon to First Ascent	Day 1 to day 5	Discharge of black/brown blood similar 5 dark nights, the uterus sheds the lining (endometrium) built up in the previous menstrual cycle as the Moon sheds its darkness. Hormones are at their lowest similar to lowest illuminated Lunar disc.
2	Follicular Phase	New Moon to Full Moon (Waxing Moon)	Day 1 to day 14	Uterine lining (endometrium) is regrown like the waxing moon. Oestrogen levels increase during 14 days from New Moon.
3	Ovulation Phase	New Moon	Day 15	Different levels of hormones are released and release of fully developed egg like the Full Moon in shape and size. Oestrogen levels peak at the Full Moon on the 15 th day.
4	Luteal Phase	End of Full Moon to beginning of New Moon (Waning Moon)	Day 16 to day 29	If the egg is not fertilised then the menstrual cycle continues for another 14-15 days from day 16 to day 29. Decline in release of levels of hormones and endometrium begin to die and shed; both the phenomena are similar to. Waning Moon.

Varahamihira in his Brihat Jataka stated as follows:

कुजेन्दु हेतुः प्रतिमासम् आर्तवं गते तु पीडकक्षम् अनुष्णदिधितौ ।
अतोऽन्यथास्थे शुभ पुंग्रहेक्षिते नरेण संयोगम् उपैति कामिनी ॥ १ ॥
--- चतुर्थोऽध्यायः निषेकाः बृहज्जातकम् वराहमिहिरचितम् ^[19]

Meaning: The menses that appear monthly, because of Mars and the Moon (a) bring about conception when the Moon is in one of the Anupachaya signs (b) If the Moon be otherwise (c) and be aspected by a benefic male planet (d) there will be sexual union between a woman and her husband.

About this subject that menstrual discharges occur in women when Mars and the Moon approach each other, the author of

'Saravali', Kalyana Varma says that the Moon is water and Mars is fire; bile is the result of a mixture of fire and water, and when bile mixes with the blood, menses appear in women". So, that with the change that is going on without, there is a change going on within, and every element or bit of man's physical body has its representative in the heavens. Such being the case, there is a subtle connection, imperceptible because subtle, between the conditions of the planets and the stars above and those of man below. Moon and Mars have permanently magnetized patches of rock on their surfaces, suggesting that even if they now lack a dynamo field, at some time in the past they possessed one. Moon and Mars are thus two permanent magnets (Figure 7).

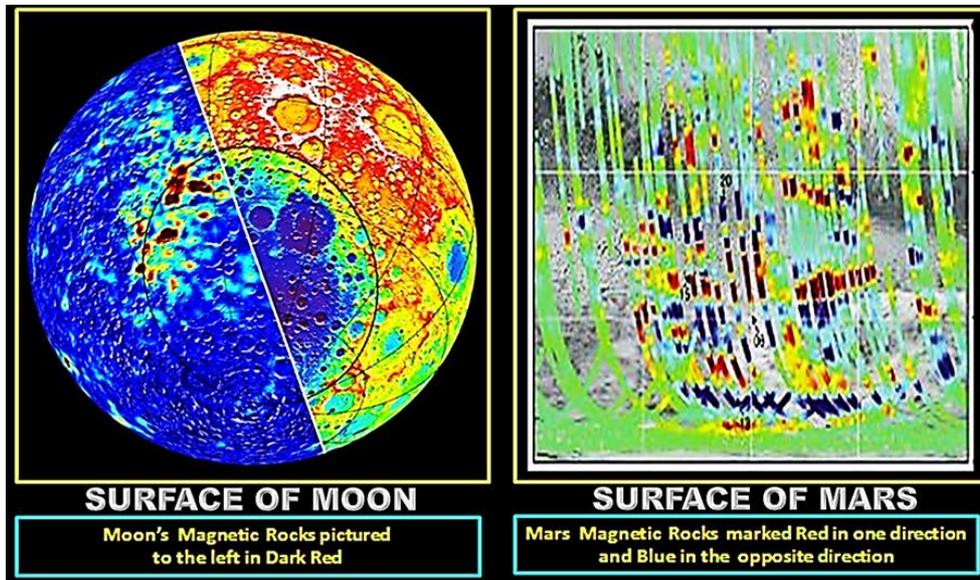


Fig 7: Surfaces of Moon and Mars

Moon transiting 180° in about 14 days will be found in conjunction with natal Mars when ovulation takes place in a woman due to their magnetic attraction. With the orientation of their unlike magnetic poles, they attract each other plausibly results in ovulation congenial for pregnancy. Mars still remains in the same sign and the orientation of the Moon's magnetic field would have been 180° degrees turn around such that the permanent magnets of Moon and Mars now attract each other and plausibly can allow pregnancy. Moon takes 29.5 days for one revolution around the Earth, and natal Mars being constant remains in the same sign only.

The two planets coming in opposition to one another occurs once every month and lasts for about 2.5 days each time. The occurrence of this phenomenon every month causes monthly course in women and the effective duration of menstruation lasting for 2.5 days and ovulation 2 weeks after menstruation when the Natal Mars and Moon are found in conjunction is quite amazing in terms of duration and frequency of menstruation. The author believes that the magnetism of Moon and Mars plays the role in menstruation, ovulation and fertilization in women (Figure 8) [20].

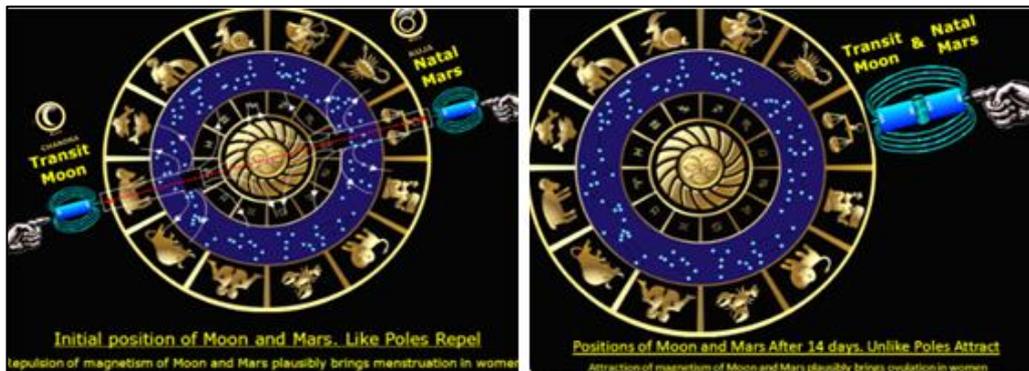


Fig 8: Positions of Moon and Mars in Menstruation and Ovulation.

6.3 Human Female Menstruation Cycle and Child Birth

Human Female Menstruation is an important physiological process in the Reproduction System. Menstruation occurs on a monthly cycle throughout female reproductive life. A better understanding of the rhythmicity of phases of moon and its electromagnetic energy influences orchestrated by its revolution helps us, develop a better and more harmonious relationship with it and appreciate the rhythmicity of female human menstrual phases which are entirely in harmony with it in the symphony of life in her reproduction system heralding child birth. "It's called the lunar effect, and, as far as births are concerned, the primary explanation for the effect focuses on the moon's gravitational pull. It basically states that much the way the moon's gravity controls the tides, it can control a woman's body. The human body is 80 percent water, after all. This argument put forth here is based on single-link theory which are simple models which can be easily disproved. This

approach ignores the possibility of multi-link theories. Gravity can't possibly work because of the weak tidal tug of the planets. Given that both menstruation and ovulation roughly follow a lunar cycle -- occurring monthly -- it doesn't seem too far off to think that the moon could have a say in childbirth as well [21]. Mechanism involved in the 'Foetus Development and Child Birth' enables us to have a better understanding of "Evolution of Life on Earth"

Phases of Menstrual Cycle

Series of changes take place every month wherein the uterus expands a new lining for receiving fertilised egg. When no fertilised egg is present to initiate pregnancy, the uterus discards its lining. The menstrual cycle or the menstrual period is counted from Day 1 of bleeding and ranges until the next phase, which usually is one lunar month of about 29 days. The whole duration of one lunar month of 29 days of a

menstrual cycle is segmented into the following four prominent phases and correspond to the following four prominent phases of the Moon (Figure 9) [22].

From Day 1 to 5: Menstrual Phase: New Moon to 1st Waxing Crescent:

From Day 1 to Day 14: Follicular phase: New Moon to end of Waxing Gibbous

Day 15: Ovulation phase: Full Moon
From day 16 to 29: Luteal phase: beginning of Waning Gibbous to New Moon

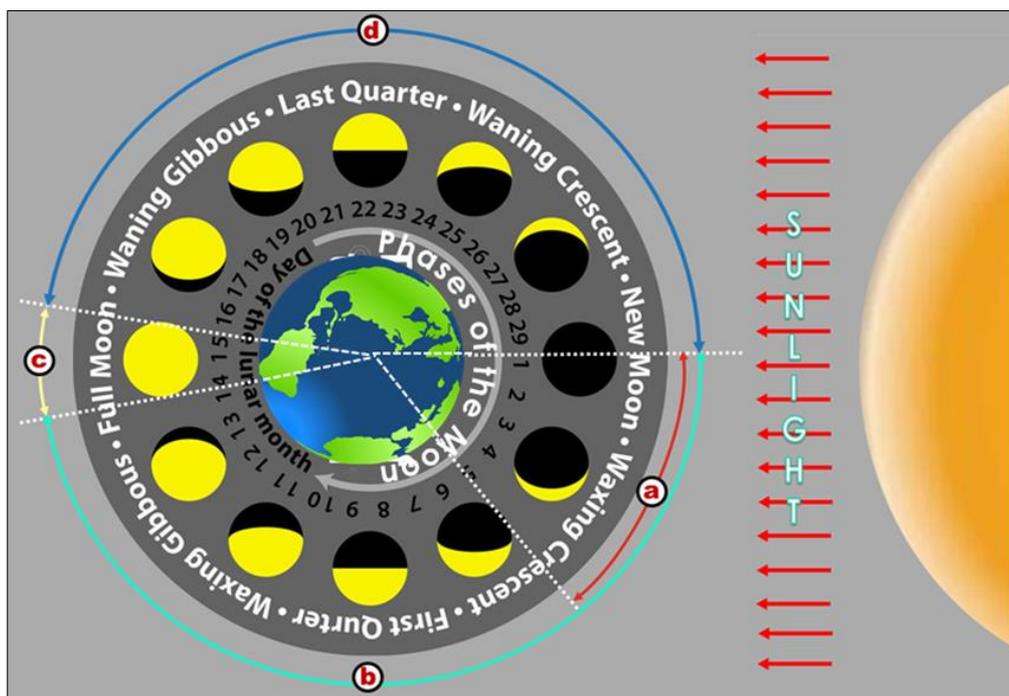


Fig 9: Phases of the Moon as it transits in the Zodiac in one Lunar Month and the corresponding Phases of Menstrual Cycle.

6.4 New Moon and Menstruation

Month after month, the moon cycle mirrors a woman's menstrual cycle, which coincidentally has an average length of 29.5 days as well. Similar to the moon cycle, a woman's menstrual cycle changes from the menstruation of new growth, to the ovulation of full power and blossom, to the pre-menstrual phase of harvest and degeneration, and back to menstruation of renewal again. Menstruation occurs on a monthly cycle throughout female reproductive life. Women's menstrual cycles begin more often during a New Moon. Studies found a synchronous relationship between the menstrual cycles and lunar rhythm. Among 826 females with a normal menstrual cycle, aged between 16 and 25 years, more than 28 percent of all menstruations occurred around the New Moon. The proportion of menstruations at other times during the lunar month ranged between 8.5 and 12.6 percent [23].

6.5 Full Moon and Delivery of Child

Pregnant women spontaneously deliver more often during a Full Moon. The study that examined all full-term spontaneous deliveries (without mechanical or drug intervention) at the Civil Hospital, Fano) during a two-year period found a significant relationship in women who had one or more previous pregnancies and their deliveries clustered around the Full Moon [24]. Other research analysis conducted a) During 1996, Joshi *et al.* examined the relationship between the lunar position and spontaneous deliveries, especially in relation to the presence of a full moon [25]. b) A retrospective analysis of 1248 spontaneous full-term deliveries in a three-year period (36 lunar months) was done at the Department of Obstetrics and Gynaecology, Civil Hospital, Fanon (Marche, Italy). Both these studies showed a connection between spontaneous full-term deliveries and the lunar month.

6.7 Variable Menstrual Periods: Natural Cure

Usually, the regular menstrual period lasts a lunar month of 29 days. Not all women do have regular periods. Regular monthly period in females is plausibly affected due to changes in life styles resulting in any mismatch between the internal biological menstrual cycle and the regular lunar rhythmicity and Moon Light intensity. It is a common notion that the natural cycle of women who live and sleep out in the open away from artificial light is to ovulate on the full moon and menstruate on the new moon. But this may not be the case for most modern women whose natural rhythms are largely affected by artificial light. Some women may menstruate on the new moon, some on the crescent moon, some on the full moon, some on the waning moon, and others on the new moon. Before electricity and the light bulb were invented, shifts in the amount of light intensity at night during the moon's various phases could possibly have played a significant role in our menstrual cycle of Moon by affecting certain body processes impacted by light exposure, such as the production of the hormone, thus prompting tying a relationship of female menstrual cycle to the moon cycle.

An interesting 1990 study in the Journal '*Psychiatry Research*' found that bright light at night can help regulate the menstrual cycle. In the study, women with abnormally long cycles of about 45 days who slept with a 100-watt bulb turned on at night in their bedroom from Day 13 to Day 17 of their cycle successfully shortened their cycles to about 33 days. Light is the reflected Sunlight and the Sunlight itself is an electromagnetic wave of light and particles. This is the correct view of the matter is evidenced by the fact that Women with variable onset of menstrual periods, artificial illumination of the bedroom through the 14th to 17th nights following the onset of menstruation resulted in the regularization of the period [26].

6.8 Hypothesis of Evolution of Life on Earth

'Darwin's Theory of Evolution and Natural Selection' is ridiculous and there is no common ancestor. The genetic information for a certain trait or characteristic is already present in the DNA (or genetic code) of a species. If the genetic information for a certain trait or characteristic is not already there in the DNA (or genetic code) of a species, then there is nothing in the environment that can put that information there so that the species would develop that particular trait or characteristic. The various life forms are nothing but the degrees of omnipresent manifestation of electromagnetism in the universe. The hypothesis of evolution proposed hereinafter shall henceforth be known as "New Hypothesis of Evolution" in contradistinction of 'Darwin's Theory of Evolution and Natural Selection'. It is defined as follows:

The Sun, Moon, and planets telegraph their effects to us via magnetic signals Omnipresent throughout the universe, magnetism is known to affect the biological cycles of numerous creatures here on Earth, including humans. Multi-link theory proposed by Percy Seymour states the planets raise tides in the gases of the Sun, orchestrating sunspots and their particle emissions, which then travel across interplanetary space to strike Earth's magnetosphere [27]. The combination of solar wind and the magnetosphere of the Sun called Interplanetary Magnetic Field (IMF), in turn affects the earth's magnetic field. These planetary magnetic signals are then perceived by the neural network of the organisms heralding symphony of life. As has been said the totipotent cell at different stages of its development, picks up different magnetic signals from out of the solar symphony and the DNA is thus programmed rather coded and that these pre-programmed magnetic memories may be evoked later in evolution when similar magnetic signals are repeated. "Schumann Resonance, the very pulse of the Earth 7.83 Hz, the frequency of Earth's natural harmonics. Only the organism that which is genetically predisposed to hear specific planetary signals, much as a radio is resonantly tuned to receive a particular station would evolve. Earth's magnetosphere contains a wide range of frequencies. Different species harmonically tune to the earth's natural frequency and evolve. Pre-programmed Totipotent cells of different species arrive at different geological time periods over different geographical locations by selection from possible biological variations in nature or environment that are genetically possible and which have survival value.

Human beings, with irreducible complex organs, are tuned fundamentally to the natural harmonic frequency of the Earth, arrived last about 2 million years ago, and evolved all over the globe, thus, remain unique from rest of the species and are able to live in sweeping changes of climate and environment such as subfreezing temperatures of Antarctica as well as hot temperatures of Sahara Desert through the millennia. Human being is thus ultimate and unique in evolution. The mechanism involved in the birth of a child will be an invaluable guide for a clear understanding of what all is said above regarding evolution. So far, it is not known that there exists life on any inhabitable planet in other solar systems in the Universe, except on our Earth, Earth's magneto sheath acts as screen in filtering harmful UV and X-rays from reaching the earth. This helps in the evolution of life of flora and fauna and therefore the Earth is aptly called "Mother Earth".

7. Conclusions

The following facts comprise the strongest scientific evidence of in support of "Advanced Panspermia Hypothesis of Origin of life" and "Evolution of Life on Earth" to date. This claim about these events allows us to observe, repeat and test in almost all similar cases and they also reveal that planetary mechanism is involved in both the Origin of life and Evolution.

Of all the four known forces of Physics, namely, Electromagnetism, Gravity, Strong and Weak Nuclear Energy, Electromagnetism is the criterion in Origin of Life and Evolution.

The main criterion in the inclusion of the Moon, Rahu, Ketu, Mars, Jupiter and Saturn, the substitution of the Sun for the Earth, and the exclusion of outer planets, namely, Uranus, Neptune and Pluto in *Jyotish* is that they cause Sunlight on the earth. Sunlight is an electromagnetic wave of radiation essential for life and evolution.

Origin of cell and origin of DNA and code are concurrent.

The cell is manufactured in space under abiotic conditions in the early days of solar system when lightning was present.

Evidences of life buildings blocks brought to earth by meteorites and comets.

Female Human Menstrual Cycle exhibits a close relationship of its four phases with the four Phases of the Moon during Lunar Month of 29 Days in terms of their duration as well as their functions.

Studies found a synchronous relationship between the menstrual cycles and lunar rhythm.

Women who had one or more previous pregnancies and their deliveries clustered around the Full Moon.

Regular monthly period in females is plausibly affected due to changes in life styles resulting in any mismatch between the internal biological menstrual cycle and the regular lunar rhythmicity and Moon Light intensity.

Artificial illumination of the bedroom through the 14th to 17th nights following the onset of menstruation resulted in the regularization of the period.

The number of Planets' configurations and number of DNA entries required is found to be the same in differentiating one person from the other is the same in both the cases.

Striking planetary similarities are found in the birth charts of parents and their children. Plants, animals and humans adapt their biological rhythm so that it is synchronized with the Earth's revolutions.

The neural network of the foetus may be synchronizing and tuning its biological clock into Earth's and Moon's magnetic fluctuations.

Throughout the entire nine-month gestation period, the neural network of the foetus may be synchronizing and tuning its biological clock into Earth's magnetic fluctuations.

Our own resonances to the pre-programmed magnetic signals may be evolving along with changes in Earth's magnetic field.

All life on Earth is tuned to the natural harmonic Frequency of the Earth except human beings who are tuned fundamentally to the Earth's Natural Frequency of 7.83 Hz (Schuman's Resonance).

1. The signals arising out of the interaction of IMF and Earth's Magnetosphere are telegraphed to the organisms on Earth through their neural network for evolution and the organism which is on that particular frequency alone responds in evolution just as radio in home.
2. Major changes in climate at regular Geological Time Periods cause origin of new species and mass extinction of species.

3. Human physiology is constantly subject to cosmic influences. There is a perfect, one-to-one correlation between the cosmic bodies—sun, moon, planets, and stars—and human physiology; Our DNA knows its connectedness with everything in the universe including how to behave with the Sun, Moon, Planets and Stars and the changes of the seasons, climate and environment. The combination of solar wind and the magnetosphere of the Sun is known as the Interplanetary Magnetic Field (IMF) and extends far into interstellar space, engulfing the whole solar system. Interplanetary Magnetic Field (IMF) constantly impregnates the Earth's Magnetic Field. The origin of the Cell and DNA are simultaneous. The cell picks up magnetic signals of solar symphony at various stages of its development in space and thus its DNA is coded with all the genetic instructions and then spontaneously brought to Earth for evolution. When these similar magnetic memories are repeated in the IMF, which strikes earth's magnetosphere, the earth telegraphs these signals the organisms via their neural network.
4. The origin of complex phyla not in sequence from simple to complex forms of vertebrates but all of a sudden during 20-million-year period of Cambrian Explosion totally disproves 'Darwin's Theory of Evolution and Natural Selection'.

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