Chapter 3

The Human Brain and Evolution, Extinction and Reproduction of Universe - Archaeal and RNA Viroidal Cloud in the Interstellar Space and Human Evolution - Role of Dietary Fibre

Introduction

Dietary fibre deficiency leads to increased endosymbiotic as well as colonic archaeal growth. The endosymbiotic archaea regulates human functions and species type and depends upon the colonic archaea whose density is determined by the fibre intake. The colonic archaeal population density depends upon dietary fibre intake. Populations with low fibre intake have lesser density of colonic archaeal microflora and endosymbiotic archaea. Endosymbiotic archaea contributes to neanderthalisation of the species. Populations consuming a high saturated fat and protein diet with low fibre intake tend to get increased endosymbiotic archaeal growth and are neanderthalised. Populations with high fibre intake up to 80 g/day tend to have reduced archaeal density in the colon and reduced archaeal endosymbiosis contributing to homo sapienisation of the population. Thus fibre intake regulates the endosymbiotic archaeal density and type of human species.

Fasting state also leads to increased endosymbiotic archaeal growth. Fasting leads to utilization of the body proteins and fat resulting in self cannibalism and ketogenesis. The ketone bodies are used for energetics in the fasted state. This results in destruction of the gut mucous lining, breaching of the gut-blood barrier and seepage of colonic archaea into the blood producing archaeal endosymbiosis. The dietary fibre deficiency in the fasted state can produce increased growth of colonic archaea. The ketogenesis in the fasted state can be considered as equivalent to the high protein high fat diet consumed by the primitive Neanderthals. The primitive homo neanderthalis ate a ketogenic diet deficient in dietary fibre. The fasted state results in self cannibalisation and metabolism of the body protein and fat. This results in ketogenesis and there is also dietary fibre deficiency. This results in Neanderthal metabolonomics and

brain change in the fasted state. Fasting is a part of spiritual practices and leads to neanderthalisation of the body and brain.

The interstellar space is filled with star dust which is postulated to be of biological origin. Fred Hoyle in his hypothesis of the life cloud has put forward an extraterrestrial origin for life on earth. The existence of an extraterrestrial force controlling the genesis and evolution of life on earth has been put forward by many authors. The biocosm theory postulates that the conditions in the universe have been so adjusted to make it possible for life to exist on earth and the universe. This leads to the postulate that the universe exists and reproduces because of life which acts as a quantal observer. This paper deals with the role of extremophilic archaea and RNA viroids extruded from the archaeal cells as primitive anthropomorphic observers making it possible for the universe to exists and evolve. The human race is divided into two species homo sapiens and homo neanderthalis. The homo neanderthalis interbred with homo sapiens to produce a hybrid species. Therefore there are species with more of neanderthalic origin and homo sapien species in earth. The previous studies have demonstrated matrilineal societies with more of neanderthalic origin in contrast to patrilineal societies. The origin of neanderthalic societies and homo sapien communities was ascribed to symbiosis. The Neanderthal species has more of extremophilic archaeal symbiosis occurring in the extremes of climate like the ice age and global warming. The homo sapien species has more of intragenomic RNA viroid/retroviral symbiosis which contribute to the dynamicity of the homo sapien genome. The Neanderthal species were retroviral resistant. The origin of the archaea and the RNA viroids are possibly from the interstellar space as archaeal clouds and RNA viroidal quantal computing clouds which function as extraterrestrial intelligence. The RNA viroids are extruded by archaeal cells. They would have reached the earth via meteoroidal impacts and seeded life on earth. The archaeal colonies would have

organized into the homo neanderthalic species in Eurasia and RNA viroidal colonies would have led to the evolution of homo sapien species in Africa.[1-16] The paper deals with this hypothesis.

Materials and Methods/Results

The blood samples were drawn from the homo neanderthalic matrilineal species and the homo sapien species. The estimations done in the blood samples collected include cytochrome F420 activity. The generation of RNA viroids in the plasma was studied. The results showed that the matrilineal species of neanderthalic origin had more of archaeal symbiosis while the homo sapien species had more of RNA viroidal symbiosis.

Table 1. *Cytochrome F420 activity.*

		Sudra	Non-Sudra	F value	P value
CYT F420 % (Increase with Cerium)	Mean	23.46	4.48	306.749	< 0.001
	± SD	1.87	0.15		
RNA % change (Increase with Rutile)	Mean	4.37	23.59	427.828	< 0.001
	± SD	0.13	1.83		
RNA % change (Decrease with Doxy)	Mean	18.38	65.69	654.453	< 0.001
	± SD	0.48	3.94		

Discussion

Porphyrions and the Biological Universe

The quantal wave form or the Higgs field gives mass and energy to the particles like protons, neutrons and electrons when it interacts with it. The quantal wave forms can generate porphyrins. Porphyrins can have a macromolecular and wave existence which is interconvertible. The porphyrin arrays can self organize and self reproduce. The macromolecular porphyrin arrays would have functioned as intelligent organisms in the interstellar space.

The iron porphyrins can undergo photooxidation and generate a magnetic field. The photonic interaction with the magnetic porphyrins can generate black holes which can collapse to a point before singular density. At this point of time it can undergo rebounce producing new universes. The porphyrin organism with its quantal computing function served as the initial anthropomorphic observer or the lotus of Brahma. The porphyrins would have formed a template for RNA viroids and prions to form. This would have generated primitive archaeal forms. The primitive archaeal cell can extrude RNA viroids generating RNA viroidal clouds. The intergalactic magnetic field generated by the archaea and magnetic porphyrin organism would have contributed to the evolution of star systems and galaxies. The archaeal clouds and RNA viroidal clouds would have served as interstellar intelligence guiding the formation of star systems and galaxies and also functioning as anthropomorphic observers. The meteoritic impacts would have transferred the archaeal and RNA viroidal colonies to earth. They would have self organized into plant and animal species as well as homo sapien and homo neanderthalic species. The homo neanderthalic species are archaeal dominant. The homo sapien species are RNA viroidal dominant.[1-16]

The big bang cosmology postulates the evolution of the universe from the Higgs field. Higgs field is made up of Higgs Boson and top quarks. Higgs Boson can exists in two states. The stable state which is of high energy, low density compatible with the present existence of universe and the unstable state which is of low energy and high density. The universe is presently in the edge of the stable state. The low energy high density state is unstable and can cause catastrophic vacuum expansion leading to the end of the universe. The Frohlich model of quantal brain function postulates the existence of Bose-Einstein condensates in the brain at normal temperature. There are dipolar magnetite and porphyrin molecules in the brain which in the context of membrane sodium potassium ATPase inhibition can lead onto a pumped phonon system producing

Bose-Einstein condensate and bosons in the brain. This boson can become unstable leading onto catastrophic vacuum collapse and the possible extinction of the universe. The Frohlich model of Bose-Einstein condensate formed of magnetic dipolar porphyrins and archaeal magnetite in cellular lipid emulsions can interact with photons generating black holes. This black hole can collapse to singularity. But the collapse happens only upto a particular point following which the density or singularity undergoes a rebounce producing a new universe with a new set of universal constants. Thus the quantal model of brain function can lead onto the destruction and reproduction of universes. The brain can be considered to be a multicellular quantal computing archaeal network in the case of homo neanderthalis. The synaptic networks of the brain parallel the galactic networks of the universe. The brain functions as the universal quantal computer and anthropomorphic observer creating and destroying as well as reproducing universes. This occurs to a lesser extent in the homo sapien brain.[1-16]

Endosymbiotic Archaea and RNA Viroids and Evolution of Homo Neanderthalis and Homo Sapiens

The homo neanderthalis species would tally with the biblical fallen angels and the homo sapien species representing the God angel. They are basically visitations of extraterrestrial intelligence as archaeal and RNA viroidal colonies. The homo neanderthalis is an evolved archaeal colony network. The archaea extrudes RNA viroids. The homo sapien species is RNA viroidal dominant with RNA viroids integrated into the genomic DNA. The organization of race and caste system in India points to such an origin. The homo neanderthalic species had an initial habitation in the Indian ocean continent which had a catastrophic extinction by archaeal expansion in the ocean crust which generated dangerous tsunamis during ice age. The Neanderthals migrated to the Eurasian landmass creating the civilisation of Harappa, Sumeria and Egypt. They are the Asuras of Rig veda. The

homo neanderthalic species are fair, matrilineal, asexual, spiritual, altruistic and community organized. These civilisations were basically matrilineal and creative. They were paganistic, secular and atheistic. They were environmentally conscious living in quantal interaction with the world around creating a feeling of environmental spiritual consciousness. The society formed on this basis functioned as an organic whole in quantal interaction with one another. It was equal, just and functioned as primitive form of socialistic society. The homo neanderthalis species was essentially asexual with the gender equality and matrilinearity. The archaeal overgrowth consequent to global warming can lead to eventual neanderthalisation of the human species and brain. The brain neuronal cortex shrinks due to quantal perception of electromagnetic fields which pollute the globalized warm world. There is also consequent cerebellar hypertrophy. Cerebellar hypertrophy can lead onto schizophrenia and autistic modes of behavior. Cerebellar hypertrophy can lead to cerebellar dysfunction and motor ataxia. The motor ataxia and the clumsiness of movement and speech would have lead to the evolution of abstract painting, dance, music, symbolic speech and eventually speech in the Neanderthals. The neanderthalisation of the human brain consequent to global warming leads to evolution of rock music, dance and modern forms of abstract painting. The Neanderthal brain owing to magnetite mediated increased quantal perception are more spiritual. The Neanderthal community owing to quantal perception functions as one single whole leading to altruism, spirituality, socialism, gender equality and eco-spirituality. This represents the civilisational mode of the eastern world. The societies emerged from the possible Lemurian landmass. As they evolved out of extraterrestrial archaeal colonies and intelligence their level of development and intelligence was high. They possessed the original language and the concept of a human Godhead was developed first in their civilization. The Rig veda is the oldest spiritual book of humankind. Most of the Gods described in Rig veda were of asuric origin even

Varuna, the principal God. The major philosophical entities of Buddhism and Jainism which are basically atheistic religions preaching social equality, oneness and justice were evolved by the Asuras. The homo sapiens evolved in Africa and migrated to the Eurasian landmass. They had basically an RNA viroidal symbiosis in the brain which gave rise to a practical less creative brain. The homo sapien species are patrilineal, commonsensical and individualistic. The homo sapien community forms the Devas of the vedic literature and the Rig veda describes clashes and wars between the asuric inhabitants of Harappa and the invading Devas. They over ran the neanderthalic civilizations and created a racial society with the homo sapiens as the ruling class and the Neanderthals as the under caste of Sudras. The Sudras formed the discriminated underbelly of the civilisation. The literature, language and holy books of the asuras were taken over by the uncivilised homo sapienic Devas who made it into their own. The future generations of Sudras were prevented from learning their language and worshiping their Gods which were taken over by the homo sapienic Devas. The homo sapienic Devas were theistic, individualistic, unaltruistic and had no communal or societal consciousness. This signifies the civilisational mode of the western world. The archaeal growth in homo sapiens is less. This leads onto less of magnetite mediated quantal perception and universal oneness. This contributes to the individuality, selfishness, unaltruistic behaviour, unbridled capitalism and the patriarchal gender unequal society of the homo sapien world.[1-16]

Dietary Fibre, Endosymbiotic Archaea, Brain Neanderthalisation and Socio-Cultural Changes

The homo neanderthalic society owing to increased quantal perception is spiritual and feels the oneness of the world and the godliness of individual human beings. This leads onto the philosophy of Buddhism with its sense of atheism and human values. Buddhism and Jainism as well as the Mauryan

empire represents victory for the asuric Neanderthals or the Sudras. The Buddhist and Hindu society of neanderthalic world considered good and evil as part of the same quantal world representing the universal soul. The godhead and the fallen angel belong to the same quantal world of the universal soul. The concept of right and wrong are not absolute contraindications but part of the same quantal world. The quantal perception produces information storage after mortality and the idea of reincarnation. The increased world of quantal perception mediated oneness and the cholesterol catabolizing archaeal overgrowth leading to sex hormone deficiency produces the gender equal asexual world. Sexuality is not considered as something apart from religion as evidenced by the tantric schools of Hinduism and Buddhism. It was considered as a form of experiencing oneness as indicated by ideas such as Kundalini. The increased quantal perception leads to a feeling of oneness which produces universal unity. There is no war but universal peace. Eastern societies like China and India are basically quantal docile societies with war being uncommon. The major wars in Hindu history like the Mahabharata and Ramayana war were those between the colonizing homo sapien Devas and the native peaceful Neanderthals. The Pandava army were the homo sapien Devas and the Kaurava army the neanderthalic natives. The God Rama was the head of homo sapien Devas and the Ravana the leader of the native Neanderthals. The Devas were the head of the colonizing homo sapiens from Europe. They could win the Mahabharata and Ramayana wars and the sudric neanderthalic native population was rendered to slavery for generation to come. The independence struggle and Gandhi's attitude to the lower caste and harijans were a part of the same phenomena. The homo sapien world on the other hand due to reduced quantal perception was individualistic. Good and evil were absolutely different as the God and the fallen angel. There was no belief in reincarnation and sexuality was considered as taboo. The homo sapien society owing to its

reduced quantal perception and individualistic nature discovered wars and slavery. Wars are essentially a feature of semitic societies and religion. The homo sapien Devas are capitalistic and rightist in their attitude to society while the homo neanderthalis is communistic and socialistic. The war between capitalism and socialism is representative of that between Neanderthals and homo sapiens. The phenomena of global warming, archaeal overgrowth and neanderthalisation of homo sapiens will lead to a more peaceful, globalised, spiritual, gender equal and altruistic society. But the Neanderthal domination resulting from global warming can lead to the society's own demise.[1-16]

The phenomena of climate change and global warming leads onto archaeal multiplication and neanderthalisation of the human race. Archaeal growth occurs in extremes of climate-the ice age and in times of global warming. This results in a return to asuric culture and civilization with its spiritual, environmentally conscious, socialistic, asexual and group identity. The modern world is represented by the Kali yuga where the Sudras or the Neanderthals return to a position of power and global significance. This represents the rise of the asuric neanderthalic sudric slaves. This is represented by the rise of neanderthalic eastern societies of China and India as well as the decline of the homo sapien West and Africa. The neanderthalisation of homo sapiens due to archaeal growth can lead to human disease and eventual extinction. The archaea catabolizes cholesterol to generate digoxin. Digoxin functions as the neanderthalic hormone. Digoxin produces membrane sodium potassium ATPase inhibition and increased intracellular calcium and reduced magnesium. Magnesium deficiency leads to mitochondrial dysfunction, vasospasm, dyslipidemia and metabolic syndrome X. The increase in intracellular calcium leads to oncogene activation and malignancies. The increase in intracellular calcium can activate NFKB leading to immune activation and autoimmune disease. The increased intracellular calcium can activate the caspase cascade

leading onto cell death and degenerations. The increase in intracellular calcium can increase synaptic release of monoamine neurotransmitters producing schizophrenia and autism. The increase in archaeal growth can produce the Warburg phenotype with increased glycolysis and mitochondrial dysfunction. The increased glycolysis can activate the lymphocyte producing autoimmune disease as lymphocytes are dependent on glycolysis for energy needs. The cancer cells also depend on glycolysis for energy needs. The Warburg phenotype can lead onto increase in malignancies. The Warburg phenotype and increased glycolysis can lead to poly ribosylated glyceraldehyde 3 phosphate dehydrogenase mediated cell death and degeneration. The Warburg phenotype can lead to magnesium deficiency related insulin resistance and mitochondrial dysfunction leading to schizophrenia. Thus archaeal mediated hyperdigoxinemia and Warburg phenotype can lead to civilisational diseases in the Neanderthal phenotype leading onto its extinction. The archaeal overgrowth in the ocean crust owing to global warming can lead to release of large amounts of methane producing oceanic earthquakes, tsunamis and destruction and splitting up of continents. This leads onto the catastrophic end of the world. As also the archaeal porphyrin and magnetite mediated Frohlich model of Bose-Einstein condensates in the brain generated bosons can undergo catastrophic vacuum decay leading to universal extinction. The magnetic dipolar porphyrins and magnetite in the lipid emulsion of brain cells can be photonically excited generating black holes. These black holes don't reach absolute singularity, but near that point can undergo a phenomenon called rebounce reproducing the universe. Thus the neanderthalisation of human brain and generation of Bose-Einstein condensate of the Frohlich model can lead to extinction and reproduction of the universe.[1-16]

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