



Climate Change and Global Anarchy

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Chapter 1

**Climate Change and Human
Species-Homo Neanderthalis, Homo
Sapiens, Homo Sapien Extinctus
and Homo Neoneanderthalis -
Relation to Global Anarchy**

Endosymbiotic Archaea and Species Evolution

The global warming leads to endosymbiotic as well as colonic archaeal growth leading to alteration in the structure and function of the human body and system. The archaeal overgrowth within the cells leads to generation of new cellular organelle called archaeaons. The archaea have the shikimate pathway which can synthesize tyrosine and dopamine. Dopamine can be converted to dopachrome and epinephrine to adrenochrome. Dopachrome and adrenochrome can polymerize by oxidation generating melanin. The archaeaons secreting melanin can be called as archaeal melanosomes. The melanin in melanosomes has the wide range of absorption of the light spectra and gamma radiation and can transduce it to generate energy. This energy transduction can split water into H_2 and O_2 and generate protons modulating the proton gradient across the mitochondrial membrane synthesizing ATP. The melanin in the melanosome can absorb photons reducing ubiquinone to ubiquinol and generate ATP synthesis by oxidative phosphorylation. Thus the melanin in the archaeaons in the human cell can function as photosynthetic organelle. The archaeaons and their melanin can utilize gamma radiation to synthesize ATP and can exist in extreme conditions. Thus the archaeaons can produce a source of energy from light and electromagnetic waves and gamma radiation. The melanin is capable of transducing electromagnetic waves and low level electromagnetic fields and can be capable of quantal perception. Thus the melanin in the melanosomes is capable of information sensing and storage as well as energy production from electromagnetic waves and water. The human brain could have evolved by this mechanism. The humans are hairless as compared to other primates and are exposed to more of light inducing melanin induced photosynthesis and energy generation which could have contributed to the evolution of the human cortex and the complex human brain. The archaeaons melanosomes are capable of

quenching free radicals and resist phagocytic destruction. The melanosomes can also resist radiation and UV light. The archaeons are indestructible and eternal. The archaeons have got magnetite and are capable of quantal perception and information storage. The melanin also serves the purpose of quantal perception and information storage. The archaeon can also synthesize magnetite particles forming subcellular organelle called magnetosomes. Magnetite can interact with melanin forming supermolecular complex systems. The archaeon can synthesize porphyrins which can self organize to form self replicating structures called porphyrions. Porphyrions can interact with melanin also forming supramolecular complex systems. Eumelanin pigments contain indole based tetramers that are arranged in porphyrin-like domains. The indole based structures can self organize on porphyrin scaffolds to form tetrameric structures and melanin. The chemical structure of melanin on a macromolecular scale exhibit a tetrameric ring structure possibly because of self organization on porphyrin scaffolds. Porphyrion can generate melanosome complexes and they can form self organizing supramolecular complex systems. The archaeon particles of melanosomes, magnetosomes and porphyrions forming complex colony network with specialized functions. It can function as a quantal computing system. The porphyrions and melanosomes can transducer energy and synthesize ATP functioning as primitive photosynthetic system. The magnetosome, porphyrions and melanosomes can function as information storage systems. Magnetosomes and porphyrions are dipolar and can have a quantal perceptive function based on sodium potassium ATPase inhibition mediated pumped phonon system. The melanin can function as a superconductor for high frequency radiation and neurotransmission, as a semi-conductor for sound and heat, conduct body ionic charges and resonate for the frequencies of visible light. The archaeon-magnetosome, porphyrions and melanosome network can function as a quantal computing brain reducing the

human classical brain to a zombie brain. Thus the global warming induced archaeon colony network and melanosomes are indestructible and eternal and takeover the human body. The human body metabolic programmes are suppressed including mitochondrial oxidative phosphorylation. The human body is reduced to a zombie or a framework for the archaeon colony to thrive. The archaeon induces stem cell transformation of the host human cells and change the metabolonomics of the human cells. The human cells oxidative phosphorylation is suppressed and it depends upon glycolysis for its energy needs. The human glycolytic pathway is taken over by the archaeon for its needs. The glycolytic metabolites are channelled to the shikimic acid pathway and the D-xylulose phosphate pathway. The DXP pathway can synthesize cholesterol which is catabolized by the archaeon for its energy. The cholesterol ring oxidases convert the cholesterol to pyruvate which then enters the GABA shunt pathway. The cholesterol side chain oxidases convert the side chain to short chain fatty acids and bile acids. The cholesterol aromatases converts the cholesterol ring to phenyl residues and synthesis of tyrosine and tryptophan. The shikimic acid pathway also utilizes substrates from the glycolytic pathway and generates tyrosine and tryptophan. The tyrosine that synthesize is converted to dopa, dopamine, dopachrome and oxidized to melanin. Melanin serves the purpose of capturing electromagnetic radiation, UV rays, Gamma radiation and light synthesizing ATP. Melanin can serve as a substrate for primitive archaeal photosynthesis. This leads to alteration in brain function and structure. The brain functions as an archaeon melanosomal magnetite colony network capable of quantal perception, information storage and energy generation. This alters the brain function to an impulsive and anarchic mode of social function and functioning of the society as a group or collective organism. The quantal perception of the archaeons also leads to evolution of a sort of communication with the quantal world creating a sort of universal personality or self. The

human cell and system is converted to the stem cell colony which is immature and lacking functional differentiation becoming a zombie for the archaeal colony. The melanosome and melanin form a first line of defence against infection and is required for innate immunity. The melanosomes can kill the bacteria, viruses and other organisms as is evidenced by the albinism related Chediak Higashi syndrome and Griscelli syndrome. The archaeal melanin also protects it against high temperature, chemicals, oxygen radicals, oxidizing agents, UV radiation and heavy metals. The archaeal melanin makes the endosymbiotic archaea indestructible.

Intergalactic Archaeal Quantal Computing Cloud Universalis

The intergalactic space contains microorganism especially extremophiles like archaea. The archaeal colony with its melanosomes, magnetosomes and porphyrions can form a giant quantal computing cloud in the intergalactic space functioning as a intergalactic superhuman intelligence. The porphyrions can form a template for the generation of RNA viroids, DNA viroids and prions which can self organize to form archaeaons. The porphyrions themselves are capable of a wave-particle existence and self replication. Thus the quantal computing cloud of extraterrestrial intelligence can arise on its own from the quantal electromagnetic fields of the intergalactic space. This extraterrestrial intelligence of quantal computing cloud of archaeaons, magnetosomes, melanosomes and porphyrions in the intergalactic space can be called as intergalactic archaeal quantal computing cloud universalis. This forms the ubiquitous anthropomorphic observer creating the universe out of the quantal foam, itself arising out the quantal foam. The porphyrins can arise sui generis from a quantal foam and forms a template for the formation of RNA viroids. An interstellar cloud of RNA viroids forms. The RNA viroids later code for DNA viroids and prions. An isoprenoid organism can also

arise in the porphyrin scaffold. The interstellar cloud of dominant RNA viroids gives rise to a form of universal consciousness or gravitational waves. The RNA viroids can generate electric currents by the piezoelectric effect where mechanical energy due to the shearing stress of RNA viroidal population is converted to electrical energy and this can give rise to gravitational waves and consciousness. The helical protein of the viruses has negative and positive charged ends and acts as a dipole. When they are squashed by shearing stress of viroidal population the rod shape of the viroids gets changed to oval and dipole becomes uneven. This generates electromagnetic forces and gravitational waves. The gravitational wave forms the basis of consciousness. The RNA viroidal population can have a silicon coating and can reach the earth by asteroidal hits and gives rise to endogenous retroviruses. The human endogenous retroviruses contribute to the plasticity the human genome and the development of synaptic connectivity important for the evolution of the prefrontal cortex. The RNA viroidal population best thrives in the presence of gravity and play an important role in the development of human cerebral cortex in homo sapiens. The homo sapien brain is cerebral cortical dominant with a fully developed human consciousness due to increase in HERV sequences which increases genomic plasticity and synaptic connectivity. The homo sapiens are creatures with dominant conscious function and are logical and rational. The interstellar RNA viroidal population contributes to consciousness and gravitational waves which are linked. The intergalactic dark matter and dark energy contributes to nearly 90% of the universe energy. The dark energy contributes to antigravity forces which are repulsive and contributes to expansion of the universe. The dark energy, dark matter and antigravity contribute to the collective unconscious and human unconscious. The dark matter is made up of melanotic archaeal networks which form huge clouds in the universe. The melanotic archaea arise abiogenetically from porphyrin scaffolds which get structured out of the quantal foam spontaneously. On this porphyrin scaffolds the

RNA viroids, the DNA viroids, prions, melanin and isoprenoids organisms form which symbiose to form the melanotic archaea. Thus the porphyrion/RNA viroidal population which mediates gravity and consciousness gives rise to melanotic archaeal clouds and antigravity mediating the collective unconscious. Thus gravity gives rise to antigravity and consciousness gives rise to the unconsciousness. The melanotic archaea can use antigravitational waves, cosmic radiation and gamma radiation as energy source for ATP synthesis. The dark matter of melanotic archaea contributing to antigravity thrives and multiplies in zero gravity situations. The melanotic archaea contains magnetite which can repulse each other when properly aligned contributing to the repulsive antigravity. The antigravity is related to the collective unconscious in the world as well as the human unconscious which is structured in the cerebellum. The dark matter containing melanotic archaea gets transferred to Eurasian land mass and earth by asteroidal hits and forms giant colonies and networks evolving to homo neanderthalis. The homo neanderthalis brain has a cerebellar dominant structure and function and is impulsive with a predominant unconscious function. The conscious function and cerebral cortex is less developed in homo neanderthalis as they are retroviral resistant. The archaea induces stem cell conversion and secretes digoxin which makes the homo neanderthalis cell population retroviral resistant. The deficiency of HERV sequences leads to maldevelopment of the homo neanderthalis cerebral cortex. The homo neanderthalis are impulsive creatures of the unconscious modulated by antigravitational waves. This extraterrestrial intelligence of quantal computing cloud can see life in different parts of the galaxies via asteroids and meteors. The human species evolved out of the seeded archaeons from the extraterrestrial intelligence of the quantal computing cloud formed of the archaeal colony of archaeons-magnetosomes, melanosomes and porphyrions. This would have reached the earth by meteoric and asteroidal hits. The hits of the meteors and asteroids would have occurred

first in the Eurasian landmass especially in the northern Siberian tundra. The homo neanderthalis would have evolved in this Eurasian landmass. As the Siberian Eurasian landmass was cold and dark the homo neanderthalis were depigmented and fair-coloured, hairless with sparse red hair. They were deficient in melanin and melanin induced energy transduction and photosynthesis leading to synthesis of ATP. The homo neanderthalis was energy deprived and the neanderthalic cortex was primitively formed and the cerebellum dominated their cognitive function. The endosymbiotic archaeal network in the brain with its magnetosomes, melanosomes and porphyrions form a primitive quantal computing system. This functions as an information receptive and storage system in communication with the extraterrestrial intelligence of the quantal computing cloud in the intergalactic space. The homo neanderthalis owing to its lack of melanosomes and innate immunity became relatively extinct over a period of time with fossilised remnants in different parts of the world. The homo neanderthalis had quantal perception which created a feeling of oneness with gender and social equality in society. The society was gender equal and matriarchal. The matriarchal societies of the Dravidians, Basque, Celts, Harappans, Sumerians and Jews were fossilised remnants of the homo neanderthalis species. The extremes of cold temperature of the ice age led to the growth of endosymbiotic archaea in the absence of melanosomes in the Neanderthal. The melanosomes function as the first line of defence against infection and is important in innate immunity. The absence of melanosomes would have led to defective innate immunity and eventual partial extinction of homo neanderthalis with preservation of fossilised matrilineal clusters. The fossilised matrilineal neanderthalic clusters are present in different parts of the world. The fossilised homo neanderthalis are susceptible to increased archaeal endosymbiosis consequent to global warming and related civilizational diseases of metabolic syndrome, schizophrenia, cancer, autoimmune disease and degeneration. The homo neanderthalis will become extinct owing to

civilizational disease consequent to global warming induced endosymbiotic archaeal growth.

The Homo Sapiens

The homo sapiens evolved in the tropical hot African landmass. The first human species to evolve is the homo neanderthalis in the Eurasian steppes. The homo sapiens would have evolved out of the archaea secreted porphyrions and RNA viroids independently. The porphyrions could have been transmitted to the tropical African land mass and would have served as a substrate for the formation of RNA viroids, DNA viroids and prions which symbiosed to form the primitive eukaryotic cell. The high temperature of the African continent would have contributed to mutations in RNA viroids and DNA viroids leading on to rapid evolution. The sub-Saharan African soil is depleted of selenium. Selenium deficiency leads to RNA viroidal mutations. Thus extremes of temperature and selenium deficiency lead to RNA viroidal diversity. This RNA viroidal diversity would have led to rapid evolution of homo sapiens from the eukaryotic cell. This eukaryotic cell would have evolved into homo sapiens species over a period of time. The RNA viroids are the basis of the HERV genes which contributes to the dynamicity of the homo sapien genome. The homo neanderthalis on the other hand are retroviral resistant while the homo sapiens is retroviral sensitive. The homo neanderthalis archaeaon secretes digoxin, a steroidal hormone which can destroy the retrovirus. The homo neanderthalis also has got endosymbiotic cholesterol catabolizing archaea which can alter the membrane sites for retroviral binding making the Neanderthal species resistant to retroviral infection. The homo neanderthalis have got a deficiency of HERV jumping genes in the genome and a rigid genome as compared to the HERV sequences mediated flexible genome of the homo sapiens. The homo sapiens as they evolved in the hot African savannah would have been exposed to heat and

light. This would have related in increased melanogenesis and darker skin and plenty of hair in the evolved homo sapiens. The homo sapiens owing to their dark colour would have been energy surplus consequent to melanin induced energy transduction and ATP synthesis. This would have led to the evolution of the human cortex. The RNA viroids integrated into the genome would have function as jumping HERV genes contributing to the dynamicity of the genome. A dynamic and flexible genome is required for the development of synaptic connectivity and cerebral cortex. Thus the homo sapiens evolve the modern human cerebral cortex consequent to the surplus energy produced by melanin induced energy transduction and ATP synthesis. The increase in melanin and melanosomes increased the innate immunity of the homo sapiens making them resistant to endogenous archaeal endosymbiosis. The homo sapiens were resistant to endosymbiotic archaeal growth seen in extremes of climate of global warming and ice age. The homo sapiens which evolved out of hot tropical Africa had increased melanin content in the skin which inhibits archaeal endosymbiosis and neanderthalisation. The homo sapien species is thus protected against increased archaeal endosymbiosis consequent to global warming and related civilizational diseases of metabolic syndrome, schizophrenia, cancer, autoimmune disease and degeneration.

Homo Sapien Albino Mutants and Homo Neoneanderthalis

The homo sapiens developed albino mutants which lacked the tyrosinase enzyme. These albino homo sapien mutants could not survive in the hot African savannah due to lack of pigmentation and migrated to the southern European land mass. This evolved into the patrilineal homo sapien European civilization. The patrilineal homo sapien European civilization arose out of the homo sapien patrilineal African civilization. The albino mutants homo sapiens forming the European civilization are susceptible to endosymbiotic archaeal growth

consequent to global warming. The albino mutants homo sapiens lack melanin and melanosomes important in innate immunity. This leads to fertile conditions for endosymbiotic archaeal growth in the albino mutants, Caucasoid population. The endosymbiotic archaeal growth in the Caucasoid population leads to the evolution of a new human species. The human zombie controlled by endosymbiotic melanotic magnetite archaeon colony network can be called as a new species-homo neoneanderthalis. Thus the species change is occurring in the albino mutant homo sapien population of Europe and American consequent to global warming and endosymbiotic archaeal growth. The homo neoneanderthalis species and fossilised homo neanderthalis are susceptible to increased archaeal endosymbiosis consequent to global warming and related civilizational diseases of metabolic syndrome, schizophrenia, cancer, autoimmune disease and degeneration. The homo neanderthalis and homo neoneanderthalis will become extinct owing to civilizational disease consequent to global warming induced endosymbiotic archaeal growth.

Homo Sapien Extinctus

The homo neanderthalis and homo neoneanderthalis have endosymbiotic archaeal symbiosis. The endosymbiotic archaea secrete RNA viroids which can be acted upon by HERV reverse transcriptase generating corresponding DNA sequences which can be integrated into the genome by HERV integrase. The archaeal digoxin can edit the RNA viroids producing widespread diversity. The archaeal porphyrins can serve as a template for the generation of RNA viroids, DNA viroids and prions. The RNA viroids and DNA viroids can recombine with RNA and DNA viruses in the environment generating new RNA and DNA viruses. The RNA and DNA viroids can exchange their sequences with environmental bacteria generating new bacteria. Thus there can be endogenous generation of new RNA viruses, DNA viruses and bacteria in homo

neanderthalis and homo neoneanderthalis consequent to endosymbiotic archaeal overgrowth as a result of global warming. The homo neanderthalis and homo neoneanderthalis are resistant to this newly generated RNA viruses, DNA viruses and bacteria and act as an environmental reservoir for them. The new evolved RNA virus, DNA virus and bacteria generated from environmental reservoir of homo neanderthalis and homo neoneanderthalis infects the unprotected homo sapien species exterminating the homo sapien species. The homo sapien species is in decline as the homo sapien albino mutants are getting converted to homo neoneanderthalis and the African/Asian homo sapiens are getting exterminated by epidemics of new RNA viral infection generated by Neanderthal reservoirs. This homo sapien species can be called as homo sapien extinctus.

The archaea can induce stem cell conversion and neanderthalisation of the human species. The archaea catabolises cholesterol generating digoxin which can modulate RNA editing and magnesium deficiency resulting in reverse transcriptase inhibition. The archaeal cholesterol catabolism can deplete the membrane rafts of the CD₄ cell of cholesterol impeding the entry of the retrovirus into the cell. The archaea can produce permanent immune activation producing resistance to viral and bacterial infection. The archaeal cholesterol catabolism depletes tissue cholesterol producing vitamin D deficiency and immune activation. Thus archaeal overgrowth results in retroviral resistance and generation of the Neanderthal phenotype. The endosymbiotic archaea can secrete virus like RNA and DNA particles. The endosymbiotic archaea can induce uncoupling proteins inhibiting mitochondrial oxidative phosphorylation and generating ROS. The endosymbiotic archaeal magnetite can generate low level of EMF. The low level of EMF and ROS are genotoxic and produce breakages in hotspots of chromosome. It can also trigger rearrangements in hotspots of chromosome inhabited by retroviral and non-retroviral elements producing their expression. The archaeal secreted DNA and RNA viroids can

recombine with the expressed retroviral, non-retroviral elements and other genomic segments of the human chromosome generating new RNA and DNA viruses. Thus the neanderthalised humans can serve as an origin for new RNA and DNA viruses as well as mutated retroviruses. The endosymbiotic archaea converts the Neanderthal cells to stem cells. The stem cells are resistant to immune attack. The stem cells can serve as a reservoir for this new RNA and DNA viruses. The stem cells and archaeal cells can also serve as a reservoir for viruses and bacteria belonging to other plants and animals. This helps to generate the species barrier jump in noted in recent emerging viral and bacterial infections. Thus the endosymbiotic archaeal growth produces neanderthalised version of homo sapiens which are retroviral resistant and resistant to other viral and bacterial infection consequent to immune activation and digoxin induced RNA editing. The endosymbiotic archaeal overgrowth mediated neanderthalised version of homo sapiens generates new mutated RNA and DNA viruses as well as retroviruses at the same time being resistant to them as in the case of the species bat. The homo sapiens do not have the Neanderthal mechanisms of immune activation as their archaeal load is meagre. They serve as fodder for infection from Neanderthal generated viruses and bacteria and suffer eventual extinction.

Global Warming and Symbiotic Evolution

Thus global warming leads to symbiotic evolution of the species. The extraterrestrial intergalactic quantal computing cloud of archaea forms an intelligent anthropomorphic observer. The quantal computing cloud of archaea seeds the archaea into the earth through meteoric and asteroidal impacts. The archaeal colonies eventually evolve into multicellular organism and further into homo neanderthalis. The homo neanderthalis can be conceived as a multicellular archaeal colony. The homo neanderthalis thus arises in earth in the Eurasian land mass out of the seeded archaeal colonies from the extraterrestrial

intergalactic archaeal computing cloud. The homo neanderthalis is energy depleted. The homo neanderthalis secretes the archaeal steroidal trephone digoxin which modulates the neutral amino acid transporter increasing tryptophan transport over tyrosine. The homo neanderthalis is tyrosine depleted and deficient in melanin synthesis. There is no melanin induced ATP synthesis from electromagnetic waves and radiation transduction. The homo neanderthalis was energy depleted and therefore did not have the luxury for the development of a modern human cerebral cortex. The homo neanderthalis is also retroviral resistant. The homo neanderthalis were deficient in endogenous retroviral sequences contributing to a rigid and adynamic homo neanderthalic genome. This led to a reduction in synaptic connectivity and poor development of the homo neanderthalic cerebral cortex. The homo sapiens evolved out of terrestrial sources in Africa out of self replicating porphyrin complexes. The self replicating porphyrin complexes form a scaffold for supramolecular complexes of isoprenoid organism, RNA viroids, DNA viroids and prions to self organize. The isoprenoid organism formed the cell container which symbiosed the RNA viroids, the DNA viroids and prions to form the primitive eukaryotic and prokaryotic cell. The eukaryotic organism developed into multicellular colonies and eventually evolved into homo sapiens in Africa. Thus the homo sapiens is a multicellular eukaryotic colony which evolved over a period of time. In case of oncogenesis the homo sapiens reverts to the primitive eukaryotic or prokaryotic multicellular colony state. The homo sapiens in Africa thus evolved out of terrestrial abiogenetic sources. The homo sapiens owing to the harsh tropical environmental of Africa had increased melanin pigmentation in the skin for protection from UV rays as an evolutionary mechanism and were black. The homo sapien brain evolved out of the energy excess state produced by melanin. Melanin can transduce electromagnetic waves and radiation and produce ATP synthesis. The excess energy in homo sapiens led to the rapid evolution of the

human cerebral cortex. The homo sapiens are also retroviral sensitive. The retroviral infection led to integration of retroviral genes into the homo sapien genome producing endogenous retroviral sequences functioning as jumping genes. The HERV genes contribute to dynamicity and flexibility of the homo sapien genome contributing to increased synaptic connectivity and formation of the human cerebral cortex. A tyrosinase mutation led to the evolution of homo sapien albino mutants. The homo sapien albino mutants being white were unable to withstand the hot climate of the African tropics and migrated to the cold European land mass. This created the homo sapien civilization in Europe. There was interbreeding between the homo sapien albino mutants and homo neanderthalis in southern Europe producing hybrids. The homo neanderthalis were matriarchal while homo sapiens albino mutants were patriarchal. The homo neanderthalis succumbed to civilizational diseases like metabolic syndrome X, tumours, autoimmune disease and neurodegeneration and became extinct leaving fossilised matrilineal societies like the Dravidians, Celts, Basques and Jews behind. The homo sapien albino mutants in the setting of global warming developed extremophilic endosymbiotic archaeal growth and gets converted to a homo neoneanderthalic species by the phenomena of symbiotic evolution. The homo sapiens species in Africa becomes liable to eventual extinction owing to infection by catastrophic epidemics of RNA viruses arising from homo neanderthalis and homo neoneanderthalis reservoirs. Endosymbiotic archaeal growth will lead to a species change and generation of two new species-homo sapien extinctus and homo neoneanderthalis. Death and aging indicates human endogenous archaeal overgrowth and takeover. This will lead to extinction of the human race as such and persistence as well as survival of the archaeon colony of melanosomes, magnetosomes and porphyrions functioning as a quantal computing colony and intelligence. This will lead to the takeover of the world and the universe by the terrestrial and extraterrestrial

archaeon quantal computing clouds. The symbiotic evolution will eventually lead to extinction of all human species into eternal archaeal colonies which can have a wave-particle existence.

The Human Species-Terrestrial and Extraterrestrial Origin

The homo sapiens evolved in earth from porphyrinoids generated abiogenetically. The porphyrinoid forms a template for the formation of RNA viroids, DNA viroids, isoprenoid organisms and prions which symbiosed to form the eukaryotic and prokaryotic cells. The eukaryotic multicellular colony evolved into homo sapiens. The prokaryotes can also form multicellular functional colonies called biofilms. The homo sapiens which evolved in the African savannah became pigmented owing to melanisation of the skin in response to the solar UV rays. The homo sapiens have skin melanin but owing to lack of endosymbiotic archaea are deficient in tissue melanin. The homo sapiens in view of the absence of endosymbiotic archaea and tissue melanin are susceptible to endogenous retroviral replication and a dynamic genome leading on to increased synaptic connectivity and evolution of the prefrontal cortex. The homo neanderthalis evolved in the Eurasian steppes out of extraterrestrial archaeal colonies hitting the earth by asteroidal impacts. The archaeal colonies evolved into multicellular structures and eventually homo neanderthalis. The endosymbiotic archaea have the shikimic acid pathway and melanin synthesis. The homo neanderthalis are rich in tissue melanin but having evolved in the cold Eurasian steppes are deficient in cutaneous melanin. The increase in tissue melanin inhibits endogenous retroviral replication. This decreases the density of endogenous retroviral jumping genes in the homo neanderthalis genome making it rigid and inflexible. This rigid inflexible genome leads to the reduction in synaptic connectivity and poor development of the cerebral cortex in the homo

neanderthalis. The homo neanderthalis have a dominant cerebellar cortex and are impulsive in nature. The increased tissue melanin in homo neanderthalis is capable of energy transduction giving them a survival advantage in the extremes of the Eurasian north. The melanin is capable of sensing low EMF fields contributing to extrasensory perceptive capacity of the homo neanderthalis. The homo sapiens developed tyrosinase deficient albino mutants which could not survive in the tropical Africa and migrated to the European continent. The albino mutants lack melanin and are susceptible to endosymbiotic archaeal symbiosis leading to the genesis of homo neoneanderthalis from homo sapiens. Thus the human species can have a terrestrial origin as in the case of homo sapiens in Africa and also an extraterrestrial origin from intergalactic archaea as in the case of homo neanderthalis. There is also an intermediate species evolved in out of homo sapien albino mutants with endosymbiotic archaeal symbiosis called homo neoneanderthalis.

Neanderthalisation and Global Anarchy

The increased melanin consequent to endosymbiotic archaeal symbiosis in homo neanderthalis and homo neoneanderthalis leads to increased extrasensory perception of low level EMF and radiation as well as quantal perception. The same phenomenon is present upto an extent in the melanotic homo sapien population of Africa. This leads to a sense of spirituality, collectivity, freedom and anarchy leading to a sense of disorderliness in society or global anarchy.

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Chapter 2

Climate Change and Brain Structure- The Archaeal Induced Spiritual and Evil Brain

Introduction

The global warming produces increased acidity and atmospheric carbon dioxide resulting in extremophilic archaeal symbiosis in humans. The archaeal symbiosis results in neanderthalisation of humans. The archaea induced uncoupling proteins producing the primitive Warburg phenotype and stem cell metabolonomics. The archaeal metabolites of cholesterol digoxin, bile acids and short chain fatty acids induce uncoupling proteins. The lysosomal enzymes a marker of stem cell conversion are markedly increased along with genesis of the archaeal phenotype in metabolic syndrome X, degenerations, autoimmune diseases, cancer, schizophrenia and autism. In all these systemic diseases there is somatic cell transformation to stem cell and lose of function. The neurons become immature and lose their dendritic spines and connectivity. This results in loss of neuronal function and reversion to archaeal magnetite mediated extrasensory perception of low level of EMF. Exposure to low level of EMF results in brain changes. This results in prefrontal cortex atrophy. The primitive brain areas of cerebellum and brain stem become hypertrophic. The somatic and neuronal cell proliferates and there is neanderthalisation of the brain and body.¹⁻¹⁷

The idea of goodness is based on reason and logic. Reason judgment and logic is a function of the cerebral cortex especially the prefrontal lobe. Prefrontal lobe function needs dynamic synaptic connectivity which is produced by jumping genes mediated by human endogenous retroviral sequences. Goodness is correlated with heaven. The idea of evil is based on the unconscious and the impulsive behaviour related to subcortical areas especially the cerebellum. The cerebellum is the site of impulsive behaviour and the unconscious behaviour. The cerebellar and subcortical brain connections are predominantly archaeal colony networks. The idea of evil is related to hell. The idea of conscious judgmental acts and unconscious impulsive acts, heaven and

hell, goodness and evil are juxtapositions. The global warming and exposure to low level of EMF leads to actinidic archaeal growth in the brain and increased archaeal magnetite mediated perception of low level of EMF. This leads to prefrontal cortex atrophy and cerebellar dominance. The conscious becomes minimal and unconscious brain takes over. The study assessed archaeal growth as assessed by cytochrome F420 activity and stem cell type metabolonomics in systemic diseases, neuropsychiatric disorders and normal individuals with differing psychological profile-prisoners, creative individuals and common sense modulated business men.¹⁻¹⁷ The results are presented in this paper.

Materials and Methods

The blood samples were drawn from four groups of psychological different population spiritually inclined, criminal prisoners, creative artists and business men. There were 15 members in each group. The blood samples were also drawn from 15 cases each of metabolic syndrome, degenerations-Alzheimer's disease, autoimmune disease-SLE, cancer-brain glioma, schizophrenia and autism. The estimations done in the blood samples collected include cytochrome F420 activity. Blood lactate, pyruvate, hexokinase, cytochrome C, cytochrome F420, digoxin, bile acids, butyrate and propionate were estimated.

Results

The results showed that the spiritual, artistic creative individuals and criminal prisoners had increased cytochrome F420 activity and RBC digoxin levels. The results showed that the businessmen had decreased cytochrome F420 activity and RBC digoxin levels. The blood samples of Alzheimer's disease, autoimmune disease-SLE, cancer-brain glioma, schizophrenia and autism had increased blood lactate and pyruvate, increased RBC hexokinase, increased serum cytochrome C and serum cytochrome F420, increased serum digoxin,

bile acids, butyrate and propionate. The disease state had increased cytochrome F420 activity. The serum cytochrome C levels in the blood were increased. This suggested mitochondrial dysfunction. There was an increased in glycolysis as suggested by increased RBC hexokinase activity and lactic acidosis. Owing to the mitochondrial dysfunction and pyruvate dehydrogenase inhibition there was pyruvate accumulation. The pyruvate was converted to lactate by the Cori cycle and also to glutamate and ammonia. This metabolism is suggestive of the Warburg phenotype and stem cell conversion. The stem cells depend on Warburg anaerobic glycolysis for energetics and have a mitochondrial dysfunction. The lysosomal enzyme beta galactosidase activity was increased in the disease group and in creative artists and criminals suggesting stem cell conversion. This suggests that artistic creative, criminal prisoners as well as spiritual individuals tend to have stem cell metabolonomics and stem cell conversion.

Table 1. *Neanderthal metabolonomics.*

Group	Cytochrome F420		Serum cyto C (ng/ml)		Lactate (mg/dl)		Pyruvate (umol/l)		RBC hexokinase (ug glu phos/hr/mgpro)	
	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD
Normal population	1.00	0.00	2.79	0.28	7.38	0.31	40.51	1.42	1.66	0.45
Spiritual	4.00	0.00	12.39	1.23	25.99	8.10	100.51	12.32	5.46	2.83
Acquisitive capitalist	0.00	0.00	1.21	0.38	2.75	0.41	23.79	2.51	0.68	0.23
Artistic	4.00	0.00	12.84	0.74	23.64	1.43	96.19	12.15	10.12	1.75
Criminality	4.00	0.00	12.72	0.92	25.35	5.52	103.32	13.04	9.44	3.40
Schizo	4.00	0.00	11.58	0.90	22.07	1.06	96.54	9.96	7.69	3.40
Seizure	4.00	0.00	12.06	1.09	21.78	0.58	90.46	8.30	6.29	1.73
HD	4.00	0.00	12.65	1.06	24.28	1.69	95.44	12.04	9.30	3.98
AD	4.00	0.00	11.94	0.86	22.04	0.64	97.26	8.26	8.46	3.63
MS	4.00	0.00	11.81	0.67	23.32	1.10	102.48	13.20	8.56	4.75
SLE	4.00	0.00	11.73	0.56	23.06	1.49	100.51	9.79	8.02	3.01
NHL	4.00	0.00	11.91	0.49	22.83	1.24	95.81	12.18	7.41	4.22
Glio	4.00	0.00	13.00	0.42	22.20	0.85	96.58	8.75	7.82	3.51
DM	4.00	0.00	12.95	0.56	25.56	7.93	96.30	10.33	7.05	1.86
CAD	4.00	0.00	11.51	0.47	22.83	0.82	97.29	12.45	8.88	3.09
CVA	4.00	0.00	12.74	0.80	23.03	1.26	103.25	9.49	7.87	2.72
AIDS	4.00	0.00	12.29	0.89	24.87	4.14	95.55	7.20	9.84	2.43
CJD	4.00	0.00	12.19	1.22	23.02	1.61	96.50	5.93	8.81	4.26
Autism	4.00	0.00	12.48	0.79	21.95	0.65	92.71	8.43	6.95	2.02
DS	4.00	0.00	12.79	1.15	23.69	2.19	91.81	4.12	8.68	2.60
Cerebral Palsy	4.00	0.00	12.14	1.30	23.12	1.81	95.33	11.78	7.92	3.32
CRF	4.00	0.00	12.66	1.01	23.42	1.20	97.38	10.76	7.75	3.08
Cirr/Hep Fail	4.00	0.00	12.81	0.90	26.20	5.29	97.77	13.24	8.99	3.27
Low level background radiation	4.00	0.00	12.26	1.00	23.31	1.46	103.28	11.47	7.58	3.09
F value	0.001		445.772		162.945		154.701		18.187	
P value	< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	

Table 2. Neanderthal metabolonomics and stem cell conversion.

Group	ACOA (mg/dl)		Glutamate (mg/dl)		Se. ammonia (ug/dl)		RBC digoxin (ng/ml RBC Susp)		Beta galactosidase activity in serum (IU/ml)	
	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD
Normal population	8.75	0.38	0.65	0.03	50.60	1.42	0.58	0.07	17.75	0.72
Spiritual	2.51	0.36	3.19	0.32	93.43	4.85	1.41	0.23	55.17	5.85
Acquisitive capitalist	16.49	0.89	0.16	0.02	23.92	3.38	0.18	0.05	8.70	0.90
Artistic	2.51	0.42	3.11	0.36	92.40	4.34	1.40	0.32	46.37	4.87
Criminality	2.19	0.19	3.27	0.39	95.37	5.76	1.51	0.29	47.47	4.34
Schizo	2.51	0.57	3.41	0.41	94.72	3.28	1.38	0.26	51.17	3.65
Seizure	2.15	0.22	3.67	0.38	95.61	7.88	1.23	0.26	50.04	3.91
HD	1.95	0.06	3.14	0.32	94.60	8.52	1.34	0.31	51.16	7.78
AD	2.19	0.15	3.53	0.39	95.37	4.66	1.10	0.08	51.56	3.69
MS	2.03	0.09	3.58	0.36	93.42	3.69	1.21	0.21	47.90	6.99
SLE	2.54	0.38	3.37	0.38	101.18	17.06	1.50	0.33	48.20	5.53
NHL	2.30	0.26	3.48	0.46	91.62	3.24	1.26	0.23	51.08	5.24
Glio	2.34	0.43	3.28	0.39	93.20	4.46	1.27	0.24	51.57	2.66
DM	2.17	0.40	3.53	0.44	93.38	7.76	1.35	0.26	51.98	5.05
CAD	2.37	0.44	3.61	0.28	93.93	4.86	1.22	0.16	50.00	5.91
CVA	2.25	0.44	3.31	0.43	103.18	27.27	1.33	0.27	51.06	4.83
AIDS	2.11	0.19	3.45	0.49	92.47	3.97	1.31	0.24	50.15	6.96
CJD	2.10	0.27	3.94	0.22	93.13	5.79	1.48	0.27	49.85	6.40
Autism	2.42	0.41	3.30	0.32	94.01	5.00	1.19	0.24	52.87	7.04
DS	2.01	0.08	3.30	0.48	98.81	15.65	1.34	0.25	47.28	3.55
Cerebral Palsy	2.06	0.35	3.24	0.34	92.09	3.21	1.44	0.19	53.49	4.15
CRF	2.24	0.32	3.26	0.43	98.76	11.12	1.26	0.26	49.39	5.51
Cirr/Hep Fail	2.13	0.17	3.25	0.40	94.77	2.86	1.50	0.20	46.82	4.73
Low level background radiation	2.14	0.19	3.47	0.37	102.62	26.54	1.41	0.30	51.01	4.77
F value	1871.04		200.702		61.645		60.288		194.418	
P value	< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	

Discussion

Archaeal Symbiosis, Neanderthal Metabolonomics and Stem Cell Transformation

The systemic diseases and neuropsychiatric disorders tend to have a predominant anaerobic glycolytic metabolism and mitochondrial oxidative phosphorylation is suppressed. The metabolism is similar to the metabolism of the stem cell. The pyruvate and lactate levels are increased with a decrease in acetyl coenzyme A and ATP. The glycolytic pathway and hexokinase is increased. This indicates a Warburg phenotype depending upon anaerobic glycolysis for energetics. The lysosomal enzymes beta galactosidase a stem cell marker is increased. The cytochrome F420 is also increased as well as the archaeal catabolite digoxin which suppresses sodium potassium ATPase. Bacteria and archaea are supposed to induce stem cell transformation. The induction of uncoupling proteins leads to stem cell transformation. The uncoupling proteins inhibit oxidative phosphorylation and the substrates are directed to anaerobic glycolysis. Digoxin by inhibiting sodium potassium ATPase can increase intracellular calcium, induce mitochondrial permeability transient pore function and uncouple oxidative phosphorylation. The side chain of cholesterol is catabolized by archaea to butyric acid and propionic acid which uncouple oxidative phosphorylation. The archaeal side chain hydroxylase convert cholesterol to bile acids which uncouple oxidative phosphorylation. Thus archaeal symbiosis in the cell results in cholesterol catabolism and the catabolites digoxin, bile acids and short chain fatty acids uncouple oxidative phosphorylation, inhibit mitochondrial function and promote anaerobic glycolysis. The conversion of somatic cells to stem cell helps in archaeal persistence within the cell and symbiosis. Mycobacterium leprae infection can convert Schwann cells to stem cells. Archaeal infection produces somatic cell conversion to stem cells for archaeal persistence. The conversion to stem cell

results in proliferation and loss of function resulting in systemic disease and neuropsychiatric disorders. Stem cell conversion of neurons and loss of function results in development of a new psychological phenotype.¹⁻¹⁷

Endosymbiotic Brain Archaea and Altered Brain Function

The systemic and neuronal cell in metabolic syndrome X, cancer, autoimmune disease, degenerations, schizophrenia and autism behaves like the stem cell. It is plausible to hypothesize a somatic cell conversion to stem cell in these disorders. The differentiated cells by archaeal induction get converted to stem cell. The stem cell is a immature cell with loss of function. The neurons lose their dendritic spines and loss of connectivity. The brain function becomes primitive. The neurons are adendritic and disconnected. This results in complex brain structures like the modern cerebral cortex and prefrontal cortex atrophy. The primitive parts of the brain the brain stem and cerebellum hypertrophies. This results in neanderthalisation of the brain with a prominent occipital bun and atrophied prefrontal cortex. The prefrontal cortex atrophy results in loss of logic, judgment, reasoning and executive functions. The hypertrophy of the cerebellum and brain stem results in dominance of impulsive behaviour. The difference between reality and dreams is lost. The brain is ruled by the senses and impulses. The brain becomes dysfunctional with more of violent, aggressive and cannibalistic behaviour. The art becomes more abstract and related to the unconscious. The world of the unconscious brain with its archetypes takes over. There is loss of the world of reasoning, logic and judgment. It is a world of impulsiveness in which primitive tendencies with relation to the unconscious becomes dominant. This produces more of ritualized behaviour, violent and aggressive tendencies, terrorism, war, sexual obscenities and alternate sexuality. It is a world of the senses. It is also intensely evil as well as spiritual. The inhibition of the conscious due to loss of cortical functions

and the dominance of the unconscious leads to mystical experience. There is an overflowing of spirituality. The paradoxical side of this behaviour also dominates. The violence, aggression, obsessive sexuality, magic realism in literature, abstract painting, rock music and dance and modern poetry as well as literature produces transcendence of a different kind. This results in surrealism and syntheism. The loss of function of the neurons results in schizophrenia, autism and degenerations. The increased archaeal induced proliferation of stem cells results in a big sized brain and trunk as in Neanderthals. This archaeal symbiosis produces neanderthalisation and a stem cell syndrome. This produces reverse aging which can be called as an epidemic Benjamin Button syndrome. The lymphocytic stem cells have uncontrolled proliferation and results in autoimmune diseases. The stem cell proliferation results in oncogenesis. The stem cell metabolonomics with inhibited mitochondrial function and anaerobic glycolysis results in metabolic syndrome X. Stem cell markers are increased in schizophrenia and autism and the neurons lack dendritic spines. Stem cell markers are also increased in autoimmune disease. The diabetic metabolism is akin to stem cell metabolism. The cancer cell behaves like the stem cell.¹⁻¹⁷

Endosymbiotic Archaea, Brain Function and the Origin of Spirituality and Evil

In the metaphysics of evil the unconscious dominates and the behaviour is impulsive dictated by primitive thoughts. The unconscious modulated by the cerebellum is responsible for automatic acts producing what is called as psychic automatism. The unconscious parallels what Jung described as the archetypes of the collective unconscious. The metaphysics of evil leads to a syntheistic brain with the dominance of the willpower. The primitive archetypes produce concepts of abstract painting, psychedelic music and dance and postmodern literature or magical realism. All these are modes of connecting with the unconscious. The unconscious produces primitive selfish tendencies leading to

individualism and capitalism. The unconscious helps to transcend taboos and creates the surrealist world. The collective unconscious also produces a sense of spirituality and oneness. It is an impulsive brain with fixations and primitive obsessions. There is cerebellar psychic automatism. This leads to ritualized behaviours. The dominance of the collective unconscious results in ritualized behaviours characteristic of religious worship. The collective unconscious also leads to the creation of obscene art and literature as well as violence which is a form of transcendence. Coprolalic religious ritual ceremonies had been described in some parts of the world. Terrorism and acts of violence are also a type of transcendence. The same phenomena occur in ritual sacrifices in religion, the violence of war and the acquisitiveness of capitalism. The primitive unconscious leads to the will to power. This produces greedy capitalism, dictatorship and fascism. The will to power results in worship of the powerful. It is an individualistic, anarchic, selfish world. The cerebellar world is the primitive world of archetypes in the collective unconscious. The abstract paintings have links with the collective unconscious. The rock music or modern music contains rhythmic primitive chaotic sounds coming out the collective unconscious. The primitive collective unconscious links up post modern literature or magic realism with violence, love, hate, evil, obscenities and death. Thus literature, music, dance and painting helps to overcome reality and rationality producing transcendence. The unconscious brain is formed of an archaeal colony network and is adynamic and inflexible. There is an epidemic of autism and schizophrenia. The loss of function of neurons leads to increased extrasensory perception via archaeal magnetite. This can lead to the lack of development of speech and ritualized behaviours of autism. This also produces the thought disorder, hallucinations and delusions of schizophrenia. It looks like an epidemic cerebellar cognitive, affective disorder.¹⁻¹⁷

The goodness is related to conscious brain localized in the cortical areas. The cortical areas mediate moralistic, functionally atheistic, civil society behaviour. The civil society depends upon common good. The cortical world is a world of morality, rationality, altruism, civility and decencies. This needs inhibitory power of the cerebral cortex. Such a society is non-capitalistic and works for the common good. It tends to be non creative. The primitive collective spirituality and oneness is lost. It is replaced by goodness based on judgment, reasoning and morality. It is a moralistic world where taboos are banned. This requires synaptic plasticity and is modulated by HERV mediated jumping genes. This needs a dynamic brain and the human cerebral cortex evolved due to the jumping genes generated from human endogenous retroviral sequences. The cerebellar world comparatively is impulsive, criminal, violent, terroristic with love of war, selfish, acquisitive, spiritual, autistic, obsessive, schizophrenic, obscene, evil, ritualized, artistic, illogical and cruel. It is mediated by the archaeal colony network. The stem cell transformation of somatic cells results in HERV resistance and retroviral resistance. Archaeal digoxin inhibits reverse transcriptase by producing magnesium deficiency as well as modulates RNA viral editing inhibiting retroviral replication. This produces lack of HERV jumping genes in this stem cell brain and lack of synaptic plasticity and dynamicity. The stem cell syndrome is characterized by retroviral resistance. Archaeal symbiosis inhibits retroviral infection. The homo sapiens with less of archaeal symbiosis becomes susceptible to retroviral and other RNA viral infection and gets wiped out. The homo neoneanderthalis are resistance to retroviral and other RNA viral infection and persists. The homo neoneanderthalis dominates all over the world. But the homo neoneanderthalis are prone to civilizational disease like malignancy, autoimmune disease, neurodegeneration, metabolic syndrome and neuropsychiatric disorders. The homo neoneanderthalis becomes extinct after a period of time.¹⁻¹⁷

The archaeal induced stem cell syndrome or neanderthalisation is due to global warming and acid rains resulting in increased extremophilic archaeal symbiosis. The archaea catabolises cholesterol and generates digoxin, bile acids and short chain fatty acids which produce induction of uncoupling proteins. This produces mitochondrial dysfunction and the cell obtains its energetics from glycolysis. Archaeal digoxin produces membrane sodium potassium ATPase inhibition which also contributes to stem cell conversion. The whole body somatic and brain undergoes stem cell conversion and becomes a stem cell phenotype with Warburg metabolic phenotype. The generalized acidity due to global warming and increased atmospheric carbon dioxide also facilitates archaeal growth and stem cell transformation. The acidic pH due to the Warburg phenotype and increased atmospheric carbon dioxide also results in stem cell conversion. The somatic differentiated cell getting converted to stem cells lose their function and become dysfunctional metabolically, neurologically, immunologically and endocrine-wise. This produces the epidemic Benjamin button syndrome and the human species becomes neanderthalic and a collection of immature stem cells. This results in epidemic metabolic syndrome X, degenerations, cancer, autoimmune disease, autism and schizophrenia. The brain becomes converted to a collection of stem cells which are dedifferentiated with loss of function and is like an archaeal colony network. The perception becomes extrasensory and quantal depending on archaeal magnetite. The increased amount of low level EMF perception results in prefrontal cortical atrophy. It also produces cerebellar hypertrophy and the cerebellar cognitive function takes over. This also results in societal changes where evil and spirituality dominates. The world of the logical civil society of the Christian world comes to end and paganistic behaviour takes over. The society becomes selfish and dominated by impulsive consumerism and acquisitive capitalism. The world becomes cruel, violent, aggressive and terroristic. Art becomes

chaotic and abstract in line with the senses and unconscious. There is a predominance of obsessive and alternate sexuality. Criminal behaviour and cruelty dominates. The world is impulsive psychopathic, creative autistic with features of idiotic savants, ritualistic, chaotic, sexual, ugly, anarchic, violent, evil, paganistic, obscene, atheistically spiritual as well as selfish. It mimics the Nietzteschean world, the deconstructed world of Derrida, the surrealistic world of Bataille and the nihilistic, anarchic world. There is the death of the individual and life becomes a social value. It is an acephalistic world of Freud and Jung. The art is abstract, the literature is magically real, the music is rock and the dance chaotic. All these results from the extinction of rationality and the dominance of primitive impulsive behaviour. A civilization of the senses dominated by the unconscious takes over. The will to goodness given by the cerebral cortex is lost. This results in development of a new homo neoneanderthal human species with its dominant evilly spiritual cerebellar brain. It produces a surrealistic evil brain with realm of the senses, archetypes, evil spirituality and impulsiveness taking over. It is a kingdom of the collective unconscious and selfish capitalism with the will to power and the realm of the senses.¹⁻¹⁷

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Chapter 3

**Climate Change and Social
Hierarchies-Archaea Induced Stem
Cell Syndrome and Androgynous
Creative Matriarchal Cannibalistic
Capitalistic State**

Introduction

The global warming produces extremes of temperature and accumulation of atmospheric carbon dioxide resulting in growth of symbiotic extremophiles like archaea. Archaea can induce dedifferentiation of somatic cells to stem cells. This involves the process of reverse aging. The differentiated somatic cells lose their function as they become stem cells. The archaeal magnetite induces quantal extrasensory perception of low level of EMF as the somatic neuronal cells lose their function. This results in low level of EMF effect on the brain producing cortical atrophy especially the prefrontal cortex. The primitive parts of the brain dominate with cerebellum and brain stem undergoing hypertrophy. The atrophy of the cortex results in behavioural changes. The cortex has different hemispheric dominance in males and females. The right hemisphere is a creative hemisphere and is male. The left hemisphere is the practical hemisphere and is female. When the cortex atrophies the hemispheric differentiation and the effect on behavior is obliterated. The cortical effect on male and female behavior is lost. Behaviour becomes uniform and single and is dominated by the primitive brain stem and cerebellar cortex. It results in impulsive behavior dominated by the will to power and individuality. This forms the basis of the androgynous state and alternate forms of sexuality. This hypothesis was studied in this paper by checking the archaeal growth in population with alternate sexual traits.¹⁻¹⁷

Materials and Methods

The blood samples were drawn from 15 normal individuals with alternate sexual traits and cytochrome F420 activity was studied. The estimations done in the blood samples collected blood lactate, pyruvate, hexokinase, cytochrome C, digoxin, bile acids, butyrate and propionate were estimated.

Results

The results showed that the individuals with alternate sexual traits had increased archaeal symbiosis and increased cytochrome F420 activity. They also had increased blood lactate and pyruvate, increased RBC hexokinase, increased serum cytochrome C and serum cytochrome F420, increased serum digoxin, bile acids, butyrate and propionate. The serum cytochrome C levels in the blood were increased. This suggested mitochondrial dysfunction. There was an increased in glycolysis as suggested by increased RBC hexokinase activity and lactic acidosis. Owing to the mitochondrial dysfunction and pyruvate dehydrogenase inhibition there was pyruvate accumulation. The pyruvate was converted to lactate by the Cori cycle and also to glutamate and ammonia. This metabolism is suggestive of the Warburg phenotype and stem cell conversion. The stem cells depend on Warburg anaerobic glycolysis for energetics and have a mitochondrial dysfunction. The lysosomal enzyme beta galactosidase activity was increased in the disease group and in creative artists and criminals suggesting stem cell conversion. This suggests that individuals with androgynous traits had stem cell metabolonomics and stem cell conversion.

Table 1. Endosymbiotic archaea and alternate sexual traits.

Group	Cytochrome F420		Serum Cyto C (ng/ml)		Lactate (mg/dl)		Pyruvate (umol/l)		RBC Hexokinase (ug glu phos/hr/mgpro)	
	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD
Normal population	1.00	0.00	2.79	0.28	7.38	0.31	40.51	1.42	1.66	0.45
Alternate sexual traits	4.00	0.00	12.39	1.23	25.99	8.10	100.51	12.32	5.46	2.83
Low level background radiation	4.00	0.00	12.26	1.00	23.31	1.46	103.28	11.47	7.58	3.09
F value	0.001		445.772		162.945		154.701		18.187	
P value	< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	

Table 2. Endosymbiotic archaea, alternate sexual traits and stem cell conversion.

Group	ACOA (mg/dl)		Glutamate (mg/dl)		Se. Ammonia (ug/dl)		RBC Digoxin (ng/ml RBC Susp)		Beta galactosidase activity in serum (IU/ml)	
	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD	Mean	±SD
Normal population	8.75	0.38	0.65	0.03	50.60	1.42	0.58	0.07	17.75	0.72
Alternate sexual traits	2.51	0.36	3.19	0.32	93.43	4.85	1.41	0.23	55.17	5.85
Low level background radiation	2.14	0.19	3.47	0.37	102.62	26.54	1.41	0.30	51.01	4.77
F value	1871.04		200.702		61.645		60.288		194.418	
P value	< 0.001		< 0.001		< 0.001		< 0.001		< 0.001	

Discussion

Endosymbiotic Archaea and Brain Function

The cortical atrophy and cerebellar/brain stem dominance results in obliteration in hemispheric difference in sexual behaviour. The right hemisphere is creative and male in outlook while left hemisphere is practical and female in outlook. The primitive parts of the brain take over the function of regulating sexual behavior. The cerebellum plays an important role and this results in impulsive sexual traits. The difference between male and female sexual behaviours induced by cerebral cortical function is lost. The archaeal cholesterol catabolism results in depletion of sex steroids and deficiency of testosterone and estrogens. The archaeal induced conversion of ovarian and testicular cells into stem cells results in loss of function and decreased secretion of male and female hormones. Behaviour becomes unisexual. This becomes non-inhibitory and impulsive in nature. It transcends all taboos and has got a reflection in culture and society affecting all manners of social interaction. The predominant form of brain perception is extrasensory or quantal. The primitive human impulses become unleashed and this results in a flood of primitive

behavioural traits with violent, aggressive and obscene traits in society. The increased incidence of violent sexual behavioural traits is related to the dominance of the primitive areas of the brain-the cerebellum and brain stem. The dress code of the society also changes and results in metrosexual and unisexual garments. The mode of grooming of male and female changes and both becomes equal and the same. This creates the metrosexual world.¹⁻¹⁷

Endosymbiotic Archaea and Androgynous Behaviour

The dominance of the primitive areas of the brain results in fear flight and fight response resulting in an epidemic of selfishness in society. Individualism takes over and there is no commitment to the society as such. Sexual behaviours were programmed for the benefit of the society so that the human population is replaced. The cortical atrophy and cerebellar dominance results in selfish sexual behavioural traits producing sexual behavior for individual pleasure and gratification in animalistic sense. This results in loss of family values and declining population as is seen in European countries. The cerebral cortical atrophy and dominance of cerebellum result in selfishness and individuality contributing to an anarchic society. The cerebral cortical atrophy results from perception of low level of EMF resulting from increased archaeal magnetite as well as EMF pollution resulting from internet exposure. Society becomes globalized and anarchic fueled by the internet. This results in an acortical acephalic society with dominant primitive cerebellar function. There is no compassion, love, feeling of altruism or goodness. This is replaced by selfishness and individuality. The internet and social media becomes the common market place for interactions. The feeling of human touch and love is lost. Society becomes increasingly robotical and autistic. The realm of the senses takes over the kingdom of God. Everything becomes subsumed and sacrificed in the altar of selfishness, greed and pleasure. This produces an

anarchic, unisexual and society of primitive impulses. The cortical atrophy and cerebellar dominance results in a play of primitive impulses resulting in violence and aggression. This results from a culture of selfishness. This produces terrorism and acts of war which are a form of transcendence. This also produces criminal behavior where individuality and selfishness dominates. Society becomes dominated by ritualized and in some cases obscene behaviour.¹⁻¹⁷

The cortical atrophy and dominance of cerebellum result in loss of cortical neuronal function and increased extrasensory perception mediated by archaeal magnetite. This results in dominant spiritual behaviours where one comes into contact with the eternal and archetypes. This results in a literature of transcendence. This produces what is called as magic realism of writers like Gabriel Marquez. The literature explores the evil depths of the human soul. This results in a dominance of sexual, violent, obscene and evil in literature as seen in post modern literature. This has also a reflection in art of painting, dance and music. Painting, dance and music become surreal and the rationality of the cortex regulating it is lost. This results in psychedelic and rock music as well as the surrealist abstract art of Picasso. Dance forms also take violent, obscene, chaotic forms. This is art of the surrealist acephalic irrational world in the realm of senses driven by obscenity. This type of art and literature correlates with the androgynous creativity.¹⁻¹⁷

The prefrontal cortical atrophy and cerebellar dominance is due to archaeal growth which results in stem cell conversion. The stem cell syndrome can produce a proliferation of systemic diseases. The neuronal stem cell conversion results in loss of neuronal function and dominant extrasensory archaeal magnetite mediated perception. This produces an epidemic of schizophrenia and autism. The stem cells have the Warburg phenotype with mitochondrial dysfunction and glycolytic energetics. This results in metabolic syndrome X. The stem cells can proliferate resulting in cancer syndromes. The lymphocytic

stem cells proliferate producing an autoimmune disease. The neuronal stem cells transformation and loss of function can lead to degenerations. Thus the systemic somatic and neuropsychiatric diseases correlate with alternate sexual traits and stem cell transformation.¹⁻¹⁷

The archaeal symbiosis mediated brain changes producing cerebellar dominance and cortical atrophy results in an individualistic selfish society. This is the kernel of capitalistic growth and models which tend to fail because of the individualistic will to power and dominate at all cost. The society becomes more dictatorial and fascism and nazistic behavior takes over. There is individualistic trait of selfishness and a primitive impulse to follow the leader. The civil society which is just, good, equal, socialistic, democratic and fair generated by cortical impulses becomes dead. The society which is governed by cerebellar function and unisexual tendencies becomes more matriarchal as men and women tend to have similar traits. Women also tend to be as aggressive if not more than men. The cortical hemispheric control over social and individual behavior is lost. It becomes the primitive world of selfishness and individuality uninhibited by sexual mores.¹⁻¹⁷

The archaeal overgrowth and digoxin synthesis can modulate retroviral growth. Digoxin can modulate RNA editing and retroviral replication. Digoxin can also produce intracellular magnesium deficiency resulting in reverse transcriptase inhibition. Thus the archaeal induced stem cell syndrome is retroviral resistant. This results in changes in the human genome as such. HERV sequences in the human genome functions as jumping genes producing dynamicity and flexibility of the human genome. This is required for the changes in cortical synaptic connectivity, HLA gene flexibility and developmental changes. The archaeal induced stem cell syndrome produces a rigid adynamic genome not able to cope with the complexities of the cortical connectivity, HLA gene rearrangements for immune response and gene changes for complex development. This

neanderthalisation of the human body due to archaeal symbiosis can spell the death of the human species. The new human species which may be transient consequent to archaeal symbiosis produced by extremophilic climatic changes consequent to global warming can be called the human homo neoneanderthalis. It is androgynous, creative, psychedelic, artistic, spiritual, aggressive, violent, selfish, impulsive, anarchic, chaotic and individualistic.¹⁻¹⁷

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Chapter 4

The Surrealistic and Syntheistic Brain - The Global Internet and the Collective Unconscious

Introduction

Previous studies from this laboratory have demonstrated increased symbiotic archaeal growth consequent to global warming. Previous studies have shown low level of EMF pollution leading to increased archaeal growth. The netocrats and netizens are exposed to continuous low level of EMF pollution. The archaea contains magnetite and can catabolize cholesterol to generate porphyrins. Digoxin can produce sodium potassium ATPase inhibition and a pumped phonon system acting through dipolar magnetite and porphyrins to generate a Frohlich model of Bose-Einstein condensate. This can produce quantal perception. The archaeal magnetite and porphyrins can produce increased perception of low level of EMF leading onto prefrontal cortex atrophy and cerebellar hypertrophy. This can lead onto neanderthalisation of the brain. This leads onto dominance of cerebellar cognitive function as has been reported earlier from this laboratory. The prefrontal cortex atrophy can lead onto extinction of rationalization and reason producing a state of transcendence. This is the basis of surrealism. The brain quantal fields can modulate the low level EMF fields in the internet and the interaction can alter internet function and the quantal fields of other brain operating the internet. The interactive quantal fields of the human brain and the low level EMF quantal fields of the internet form one single whole functioning as a universal collective unconscious, the basis of syntheism. Syntheism is a philosophical idea where the humanity creates God as opposed to the monotheistic religious ideal of God creating humanity. The paper explores the link between neanderthalisation, archaeal growth and surrealism/syntheism.¹⁻¹⁶ The results are discussed in this paper.

Materials and Methods

Fifteen netizens/netocrats were selected for the study. Each netizen had an age and sex matched control. Blood cytochrome F420 activity was assessed by spectrophotometric measurement.

Results

Cytochrome F420 was detected in the entire case group studied showing endosymbiotic archaeal overgrowth.

Table 1. Cytochrome F420 in internet exposure.

	Cyt F420 activity
Normal	6%
Netizens	65%

Discussion

The Internet and Brain-Intercommunicating System

The widespread use of the internet is ubiquitous. The internet-human mind interaction has been described in a previous report from this laboratory. The low level of EMF produced by the internet can modulate brain function. Low level of EMF can induce porphyrin synthesis by actinidic archaeal symbionts in the brain. Porphyrins are dipolar molecules and in the setting of archaeal digoxin induced sodium potassium ATPase inhibition can generate a pumped phonon system and Frohlich model of Bose-Einstein condensates. These porphyrin mediated Bose-Einstein condensate can mediate quantal perception. The brain quantal fields can modulate the low level EMF fields in the internet and the interaction can alter internet function and the quantal fields of other brain operating the internet. The interactive quantal fields of the human brain and the low level EMF quantal fields of the internet form one single whole functioning as a universal collective unconscious. There are 7 billion users of the internet.

The collective unconscious created by interaction of brain quantal fields with internet low EMF fields functions as a virtual matrix on which the world is structured. There are thought controlled robotic computers which can perform human functions. The human thought creates a communicative order which alters the brain EEG and can issue a computer modulated order of the brain's thought process.¹⁻¹⁶

Syntheism is a philosophical idea where the humanity creates God as opposed to the monotheistic religious ideal of God creating humanity. The quantal fields of multiple brains interacting with each other and internet roughly fit in with the idea of God or the Holy Spirit. This fits in with Buddhist philosophy. The Buddhist philosophy is atheistic and describes samasaras or states of mind occurring in quick succession with the idea of karma modulating the next state of the human mind in symbiotic communication with other minds. This roughly is the Buddhist idea of the controlling force of the universe. The quantal world of the human brain in communication with other brains and in interaction with the low level EMF quantal fields of the internet fits in with this proposition of samasaras. It creates an idea of universal globalised world of oneness which can be described as equivalent to God. The internet can be considered as great equalizer and creates a oneness of the human quantal brain all over the earth and other possible functioning brains in the universe. The quantal world becomes the particulate world by the act of observation. The human quantal brains in communication with each other and the low level EMF quantal fields of the internet creates the particulate observable world.¹⁻¹⁶

The Internet and Brain-Behavioural Change and Global Anarchy

The widespread use of the internet produces low level of EMF exposure to the human brain. This produces prefrontal cortex atrophy and cerebellar dominance. The prefrontal cortex is the site of the logic, reasoning and

commonsense. The atrophy of the prefrontal cortex leads to cerebellar dominance of brain cognitive function. It becomes an impulsive world guided by the senses. The world of the senses comes into existence. The cerebellar dominance leads to an ataxic syndrome producing ataxia of speech and motor function. Ataxia of speech leads to evolution of music of the rock type which dominates the modern world. The ataxia of motor function leads to rhythmic dance as the guiding force of life. The ataxia of motor function also leads to abstract painting. The world gets dominated by rock/pop dance, music and art. The exposure to low level of EMF from the internet leads to increased dipolar porphyrin synthesis and quantal perception. The increased quantal perception leads to more increased interaction with the low level quantal EMF fields of the internet making the internet world as the real world and outside world as virtual. The increased quantal perception of the brain leads to a sense of spirituality and oneness of the world. The increased quantal perception leads to a communication between the brain quantal fields and the quantal fields of the environment leading to the concept of eco-spirituality. The consuming world comes to an end and a world of sharing begins. The increased quantal perception also leads to a feeling of oneness in the population producing an idea of the socialistic idealistic society and demise of the capitalistic society. The increased quantal perception leads to gender equality and the dominance of unisexuality in society. This is exemplified by the festivals of the burning man and the burning nest.¹⁻¹⁶

The netocratic state can also produce changes in brain function. The increased exposure to low level of EMF produces prefrontal cortex atrophy and cerebellar dominance. This leads onto neanderthalisation of the brain. The increased exposure to low level of EMF produces increased archaeal growth, cholesterol catabolism and digoxin synthesis. Digoxin can modulate brain and body function on exposure to low level of EMF. Low level of EMF exposure also produces

increased porphyrin synthesis which can lead onto increased digoxin mediated dipolar porphyrin modulated Frohlich model of pumped phonon system.¹⁻¹⁶

The online world is the real world for netizens and the real world is a reflection of the online world. Value is a social mode created in the network online. Netocracy creates a new elite. It creates a new religion of atheistic mysticism. The netocratic world affects politics producing a movement for equality. The recent social media generated revolutions include the Arab spring and jasmine revolution.¹⁻¹⁶

Netocratic state can produce a new social order. There is a sense of equality due to quantal perception producing ideas of socialism, communism, anarchy and gender equality. The quantal perception mediated feeling of oneness will spell the death of the capitalistic state. There is also feeling of gender equality, asexuality and alternate sexuality. The quantal perception mediated sense of oneness leads onto a more democratic state. The quantal perception also produces universal oneness and spirituality. Netocratic state produces a participatory culture. It produces the global empire and a global virtual society where the mind is constituted by the online net and body becomes a machine. This produces an anticartesian view of the world. The old political conflicts and ideologies get replaced by netocratic state fuelled by a communication revolution. The internet functions as a sensory extension of the human brain.¹⁻¹⁶

The increased low level quantal EMF fields of the internet produces increased growth of extremophilic actinidic archaea in the brain and human body. The symbiotic archaea synthesises more porphyrins. The archaeal magnetite and porphyrins can mediate increased quantal perception and interaction with the low level EMF fields of the internet. Thus the wide spread use of the internet leads to a society with increased quantal perception and interaction with the internet. The low level quantal EMF fields of the internet affects the brain producing neanderthalisation of the brain. The prefrontal cortex

becomes small and the cerebellum hypertrophies producing an occipital bun. The brain becomes more creative, autistic, impulsive, addictive, attention deficit and schizophrenic. Such brains produce behaviour which is chaotic, anarchic and non-hierarchical. There is globalisation of the world. Religions, nation-states, individuality and family cease to have much relevance. This becomes the globalised quantal world of oneness and equality-the world of samsaras.¹⁻¹⁶

The netocratic state can produce human pathology. Exposure to low level of EMF pollution increases endosymbiotic archaeal growth and digoxin synthesis from cholesterol. Digoxin produces membrane sodium potassium ATPase inhibition and low level of EMF exposure can lead to increased porphyrin synthesis. Increased intracellular calcium and porphyrins can produce cell death/degeneration, immune activation/autoimmune disease, mitochondrial dysfunction/metabolic syndrome X and neuropsychiatric disorders like autism and schizophrenia. It leads to an epidemic of civilizational disease.¹⁻¹⁶

The cholesterol catabolism leads to phenolization of the cholesterol ring producing increased synthesis of monoamine neurotransmitters dopamine and serotonin. This leads to schizophrenia, autism and ADHD. This also produces la tourette syndrome with coprolalia, OCD, vocal and motor tics. The synchronization of motor and vocal tics leads onto the evolution of language. The internet language used by netizens can be compared to a synchronized motor and vocal tic as it is short and agrammatical. Thus the netocratic state results in the generation of new human species-Neanderthal hybrids.¹⁻¹⁶

The internet revolution and netocratic state leads onto the death of the individual and the generation of a social individual. This produces as said before prefrontal cortex atrophy and cerebellar dominance. This leads onto the annihilation of the rational individual. The world of logic, reason, understanding and order comes to an end. The increased synthesis of dopamine and an epidemic la tourette syndrome leads to ritualisation of behaviour, obsessive

behaviour, uniformity and creativity. The world of quantal perception leads onto the sacredness of social existence. Collective ritualized behaviour becomes the norm. The world enters the realm of senses. The world of quantal perception leads to nihilistic state, nothingness and negativity. This contributes to surrealistic world Breton and Bataille and the deconstructed world of Derrida. This produces what can be called as the surrealistic brain. The world is chaotic, anarchic, ugly and barbarous. Terrorism and criminality raises its ugly head producing the ugly revolution as it helps to transcend reality. The unconscious experience dominates and the conscious experience is shut out. There is no contradiction between dream and reality. There is a rejection of reason and a return to the world of archetypes. The political surrealistic world is Trotskyist, anarchic and communist. The artistic world is represented by the cubist paintings of Picasso and Dali and the world of modern art. Abstract painting, poetry, abstract dance becomes the norm. There is gender equality, feminism and rumblings of alternate sexuality. The atrophy of the prefrontal cortex and cerebellar dominance leads onto a state of psychic automatism and the dominance of unconscious experience. The epidemic la tourette syndrome leads to ritualism, obsession, criminality, cruelty and terrorism. The human beings enter the world of archetypes.¹⁻¹⁶

The global warming leads to increased archaeal growth. The archaea can catabolize the cholesterol ring using ring oxidase to generate porphyrins. The archaea also contains magnetite. In the setting of digoxin induced membrane sodium potassium ATPase inhibition the dipolar magnetite and porphyrins can produce a pumped phonon system mediated Frohlich model of Bose-Einstein condensate. This can increase the brain quantal perception of low level EMF which again leads to increased archaeal growth. The increased quantal perception of low level of EMF leads to prefrontal cortex atrophy and cerebellar dominance. The archaeal cholesterol catabolism generates a phenolic ring from

the cholesterol molecule synthesizing dopamine. This leads to an excess monoamine neurotransmitters. Thus there is an epidemic frontal lobe syndrome, cerebellar syndrome, la tourette disease, ADHD, schizophrenia and autism. Such a population of Neanderthal hybrids is creative. This produces ritualized, obsessive, coprolalic, attention deficit, obscene, grotesque and sexually anarchic behaviour. This helps to transcend reality as the frontal lobe concerned with rationalization, judgment and reasoning is dysfunctional. The same function of transcending reality by a dysfunctional frontal lobe also occurs in terrorism and criminal behaviour. The society becomes increasingly impulsive. The frontal lobe dysfunction and quantal perception helps to transcend reality and produces self realization and spirituality. The cerebellar dysfunction produces an ataxic syndrome with motor ataxia leading onto dance forms and abstract painting and ataxia of speech leads to rock music. The dopamine excess leads onto a motor and vocal tic which when synchronized produces language and evolution of literature. The coprolalia and obscene tics of la tourette disease leads to the ugliness and obscenities in modern literature, music, painting and dance. There is massive ritualized behaviour in society. Terrorism is a ritualized behaviour which helps to transcend reality due to a frontal lobe dysfunction and tourette disease. It can be considered as modern form of ritualized cannibalism. The realm of the senses dominates and there is rejection of reason and rationality. Dreams and reality merged together. It produces a psychedelic, art, literature and music. This produces what can be called as the acephalic state mimicking the acephalic society of Bataille, the originator of surrealistic philosophy. This leads onto the evolution of an acephalic new human species homo neoneanderthalis.¹⁻¹⁶

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Chapter 5

The Origin of Global Conflict-The Cro-Magnon Neanderthal Conflict as Evidenced from Human Biology

Introduction

The extremes of climate change produce endosymbiotic archaeal growth. The archaea are cholesterol catabolising organism. This results in neanderthalisation of the human species. This occurred during the ice age and is possibly a continuing phenomenon during the periods of global warming. The homo neanderthalis are matrilineal and the residual matrilineal societies of the Dravidians, Semites, Basques, Celts and Berbers are neanderthalic. The global warming produces endosymbiotic archaeal growth and neanderthalisation. This produces brain changes with the cerebral cortex becoming dysfunctional and cerebellum becoming dominant. This is due to increased perception of low level EMF by archaeal magnetite. This produces changes in human society, behaviour and disease patterns.¹⁻¹⁷

There is a high incidence of autism and Neanderthal anthropometric phenotypes in the Nair community of Kerala. The Nair community is matrilineal and is one of the few functional matriarchies in the world and speaks the Dravidian language with similarities to Celtic, Scythian, Berber and Basque societies. The autistic brain is comparable to the large sized Neanderthal brain. Autistic and matrilineal societies like Nair can be considered as fossilized remnants of the Neanderthal population. Endosymbiotic actinidic archaea using cholesterol as an energy substrate has been described in systemic disease from our laboratory. The autistic and Nair population were studied for actinide dependent cytochrome F420 activity suggestive of endosymbiotic archaeal growth.¹⁻¹⁷ This hypothesis was studied by evaluating the endosymbiotic archaeal growth in populations derived from matrilineal societies.

Materials and Methods

Three groups, 25 numbers in each group were chosen for the study-the autistic population diagnosed according to DSM criteria, the normal Nair population and the normal non-Nair population. The matrilineal characteristics and Neanderthal anthropometric characteristics of normal Nair and non-Nair population as well as autistic population were studied. The blood samples were drawn in the fasting state before treatment was initiated. The estimations done in the blood samples collected include cytochrome F420 activity, Cytochrome F420 was estimated fluorimetrically (excitation wavelength 420 nm and emission wavelength 520 nm). The statistical analysis was done by ANOVA.

Results

The results of the study were as follows. The Nair and autistic and civilisational disease group had increased cytochrome F420 activity.

Table 1. Incidence of autism in Nair, autistic and non-Nair population.

Groups	Autism	Percentage
Nair	68 cases	68
Non-nair	32 cases	32
Total	100	

Table 2. Anthropometric features in Nair, autistic and non-Nair population.

Groups	Neanderthal anthropometric	Total	Percentage
Nair	72 cases	100	72
Non-Nair	21 cases	100	21
Autism	81 cases	100	81

Table 3. Neanderthal metabolonomics.

		Nair	Non-Nair	Autism	F value	P value
Cytochrome F420	Mean	4.00	0.00	4.00	0.001	< 0.001
	± SD	0.00	0.00	0.00		

Discussion

Neanderthalisation is a symbiotic event due to archaeal symbiosis. The Neanderthals had increased symbiotic actinidic archaeal growth. This occurs in extremes of climate like ice age and global warming. The homo neanderthalis evolved from the bonobo primates consequent to this symbiosis. There is increased neanderthalisation of homo sapiens during global warming consequent to increased actinidic archaeal growth. The homo neanderthalis never became extinct but survives as matrilineal societies in the lower Eurasian region. The initial matrilineal neanderthalic civilizations were the Harappan, Sumerian-Akkadian, Assyrian, Etruscan, Minoan, Celtic, Basque, Semitic, Jewish, Arabic, Australian aboriginal civilization. The civilizations are all matrilineal. The initial neanderthalic civilization survives as the lower caste sudras of India, Dravidians, Australian aboriginals, the Persians, the Semitic Arabs, the Semitic Jews, the Berbers, the Basque, Greeks, Celts and native Americans. The people inhabiting these civilizations are religious, intuitive, feminine, child-like, dreamy, somnolent, communal conscious, primitive socialistic, more sexual groups. The body habitus of these populations are shorter, sloping forehead, recessive chin and more fairer in colour. This is opposed to the Cro-Magnon population in the northern part of Eurasia and Africa. These populations are scientific, logical minded, patriarchal, more adult-like, more wakeful, fascist and less sexual. The neanderthalic populations inhabit the Indian ocean rim in southern Asia, west Asia as well as in the peri-mediterranean region. The Neanderthals originated initially from the mythical Lemurian supercontinent in the Indian ocean. The earthquakes and tsunamis in the Indian ocean led to the breakage of the supercontinent and migration of Neanderthals to Harappa, Sumeria, Egypt and Basque. The Harappan civilisation was predominantly neanderthalic. They are the asuras described in the Rig veda. Most of the descriptions in the Rig veda pertain to

the asuras with the Rig vedic Gods being predominantly asuric. Sanskrit was possibly the Harappan language. The devas described in the Rig veda were the Cromagnon Aryan invaders. The Rig veda describes continuing conflict between the asuras and the devas. Finally the neanderthalic Harappan asuras were subdued and conquered. The cromagnonic Aryans who conquered Harappa became the upper caste Hindu elite and the Harappans asuras became the lower caste sudras. The Cromagnon Aryans took over the asuric Gods, Vedas and language and made it their own. The Harappan civilization of the asuras was extremely advanced and the Cro-Magnon Aryans were a primitive nomadic tribe. The Cromagnon originated in Africa and migrated to Eurasia. The Cromagnon population subdued the neanderthalic population and tried to exterminate them. There was also interbreeding and intermixing between the Cromagnon and neanderthalic population. The modern neanderthalic societies are in the peri-Indian ocean area of India, Iran and Semitic Arabs. They also inhabit the peri-mediterranean area as Semitic Jews, Berbers, Basque and Celts. The predominant African and north European population is Cromagnon.

There is an eternal conflict between Neanderthals and Cromagnon. The Cromagnon tried to exterminate the Neanderthals but they survived as the Jews, Arabs, the lower caste Indians, aboriginals and native Americans. These are the people which the Cromagnon excluded from society. The underclass of Indian and European civilization was neanderthalic. With the advent of global warming an increasing archaeal symbiosis the neanderthalic population becomes activated and they try to exterminate the Cromagnon. The symbiotic archaea generates new viruses which infects the non immune Cromagnon and tries to exterminate them. The hot spots of global conflict and terrorism can be localized to neanderthalic areas. The Neanderthals dominate three world religions-Jews, Muslims and Hindus. The Cromagnon are predominantly the Africans and the Europeans. They follow the Christian religion. World conflicts

are basically between the neanderthalic races and the Cromagnon races. This is exemplified by the Jewish leadership of the Russian and French revolutions with its idea of liberty, equality and fraternity. The neanderthalic ideas basically tried to create an equal society. The Buddhist movement and religion among the religious lower caste of India can be thought of as a neanderthalic uprising against the Aryan Cromagnon domination. The present rumblings in the Muslim Semitic world manifesting as global terrorism is a reflection of the neanderthalic Cromagnon conflict. The conflict is basically between the Cromagnon ideas of colonization, capitalism, free market globalization, rightist, fascist, nazi ideas and the neanderthalic ideas of equality, democracy, freedom and socialism. The cromagnic civilization produces increased greenhouse gases leading to increased endosymbiotic archaeal growth. Endosymbiotic archaeal growth is the basis of neanderthalisation. Neanderthalisation is a symbiotic event and not a genetic change. This results in expansion of the existing neanderthalic societies-the Semites, the Dravidians and southern Europeans and extinction of the Cromagnon Aryan phenotype. The present neanderthalic areas include south Europe, India, Iran, the Arab peninsula, the Jewish homeland and the Australian aboriginals. The Cromagnon areas include Europe and Africa.

The Neanderthals were cerebellar dominant. The cerebellum is concerned with intuition and extrasensory perceptive phenomena. The Neanderthals were retroviral resistant. The archaea metabolises cholesterol and generates digoxin which produces membrane sodium potassium ATPase inhibition and intracellular magnesium deficiency. Magnesium deficiency produces reverse transcriptase inhibition. Digoxin itself modulates RNA editing. The retroviral resistance leads to a deficiency of endogenous retroviral sequences. The endogenous retroviral sequences function as jumping genes required for the dynamicity of synaptic connectivity. Dynamic synaptic connectivity is required for cortical function. The cerebral cortex is dysfunctional in Neanderthals

leading to cerebellar dominance. The Neanderthals inhabit a cerebellar world. The neanderthalic population is psychedelic, spiritual, dreamy, more feminine, intuitive, equal and female dominant. They had a communal life. They were hyper sexual and promiscuous. They can be compared to bonobo monkeys. They were matriarchal and female dominant. They are child-like have dreamy sleep, somnolent, altruistic and docile. The neanderthalic population believed in communal living and was of hyper sexual behavior. The unconscious mind was dominant in Neanderthals. They had precognition and postcognition. They had telepathy and clairvoyance. They could have mediumistic possession and could go into hypnotic regression. They had poltergeist phenomena, group personality, multiple personality, split personality alien abduction phenomena, memory of past life, incubus and succubus. They had a magical civilization of dreams. They were subjective, personal, emotional, irrational and dreamy. They preferred the dark and nights. They had more of autism and schizophrenia. They had more of attention deficit hyperactivity and addiction. They were magical, had dominant art and religion were sexual and believed in things without proof. The belief was intuitive. They had shamanistic and magical consciousness. The Neanderthals were left handed and right hemisphere/cerebellar dominant. They were creatures of the senses and created a spiritual dreamy civilization. They were children of the dark. The self old brain of vampires, troglodytes, demons and the occult belongs to the Neanderthals. The cerebellar dominance and hypertrophy leads to cerebellar dysfunction and ataxia of speech as well as motor movements. Ataxic speech leads to the evolution of music. Ataxia of motor movements leads to abstract art. Thus the Neanderthal brain with its extrasensory perception is extremely artistic. Digoxin and dipolar magnetite in the setting of membrane sodium potassium ATPase inhibition produces a pumped phonon system modulating quantal perception. Quantal perceptive phenomena are dominant in Neanderthals. This leads to increased extrasensory

perception. This also produces a feeling of oneness and equality called the collective unconscious. This produces the socialistic equal Neanderthal society. The Neanderthals were also more spiritual and unconscious dominant. The cortical dysfunction leads to loss of hemispheric differentiation and sexual differentiation. Right hemisphere is predominantly masculine and the left hemisphere feminine. This results in asexual behaviours and cerebellar dominance leads to hypersexuality. The Cromagnon population believed in pair bonding and family patterns. They were more violent and aggressive. They were patriarchal and male dominant. They were adult-like and logical. They had rightist and fascist tendencies. They were conservative in their sexual practices. They were conscious, egoistic, wakeful, male dominant, favoured the light, objective, impersonal and cruel. The conscious logical brain dominated. They depended upon proofs, logic were detached, asexual and male dominant. The Cromagnon were predominantly left hemisphere dominant and right handed practical people. They created a material civilization. They had a rational consciousness. They were children of the light.

The global warming produces endosymbiotic archaeal growth and neanderthalisation of homo sapiens. All these produce a dualistic consciousness. The left wing versus right wing and the conservative versus liberal. It produces a double self and divided self. It results in a Caine and Abel as well as Jekyll and Hyde personality. The Neanderthals had sloping forehead, small jaw, occipital bun and large cranium. They were shorter in height and the body weight was bigger. The brain size of Neanderthals was larger. The second toe of the feet was bigger than the big toe. They had the simian crease. The homo sapiens had a smaller brain and smaller cranium. They were taller.¹⁻¹⁷

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