

Chapter Nineteen

TRANS-BIOLOGY AND BIOSPHERIC MODIFICATION

Hilary Ugwu

MSW University of Oklahoma

School of Social Work Norman, USA

hiugwu@yahoo.com

Executive Summary

Man's techno-scientific optimism is massive. There is a newfound zeal, by modern man, in the science of trans-biology. But is trans-biology healthy for life on earth? Will man cause his own extinction by dabbling into trans-biology? Will trans-biology sciences unveil a new technological Darwinism? If man crosses a boundary beyond his humanity and ventures into the dark side of techno-scientific Darwinism, won't this be the final apocalyptic dystopia which has been predicted thousands of years ago? These are some of the questions reflected in this paper. As we move into the future, we should be aware of adverse consequences of some scientific pursuits. If we ignore our own biological instincts life forms on earth could be destroyed by the emergent self-conscious, self-animating, self-replicating and self-preserving artificial machine programs. The core philosophy of techno-Darwinian survivalism is that the "fittest" will dominate and exterminate lesser evolved species. They have even made a movie called *The Terminator* (rise of the machines) where the creation of science became a threat to the human life. Is this movie a predictive mind-programming? Charles Darwin (1809 – 1882) was clear in his intentions and he did not mince words. In the past less evolved anthropomorphous apes were driven to extinction by hominids with larger and smarter brain matter. Darwin stated that advanced races of men will

“...certainly exterminate, and replace, the savage races throughout the world.” If this is the case, this sequence is applicable to man-machine relationship in the future. If we follow the thinking of Darwinists, a question naturally arises: What will happen when Artificial Intelligence (AI), supersedes the intelligence of humans a billion times. Will humans be replaced by machine? This paper probes into some existential questions relative to trans-biology. Trans-biology revolution is happening right in front of us. Modern humans live in an interesting time of change. We are witnessing a techno-scientific revolution different from anything ever recorded in history. Bio transmogrification process is in full display on earth. This transmogrification is designed to usher in a New Earth that is genetically modified as well as a artificially augmented. Many world-event analysts have described this time as The Great Reset. Klaus Schwab marshaled out some of the great changes this century and beyond will experience. Some of these areas involve how science and Big Tech will change everything on earth. Mr. Schwab is the founder and Executive Chairman of World Economic Forum. He sees something majority of people on earth cannot see.

Keywords: Trans-Biology, Biospheric Modification, Earth, Species, Environment, Artificial

Introduction

Genetic science, Artificial Intelligence and cybernetics are some of the modern sciences that could alter biology as we know and experience it on earth. Through these sciences man has acquired the “forbidden knowledge” of the gods. He has become the creator, preserver, and the destroyer of himself and the world around him. Man can now modify nature so easily as he pleases. He can carry out cross-speciation just for the fun of it. Today, man has the scientific ability to mongrelize himself with insect in

a fusion of Frankenstein creation. He can weld himself with machine to become a cyborg. He can chip himself with electrode and live in a virtual reality. This sort of sciences could constitute existential threats to earth's biological organism if not handled properly. Bio-organism as we know it took millions of years of evolutionary process to be what they are today. God's universal natural law is never in a hurry. But modern scientists seem to be in a hurry. They seem to want to take over creation from the universal natural law and to redirect her to unnatural law.

Trans-biologists and trans-humanists believe that soon artificial 'life' forms will replace bio species. This is what the concept of post-humanism implies. Post-human points to a time in the future when humans will be either obsolete or exterminated and artificial systems take over the world. This is not a science fiction by the way. This is the goal of many elite scientists. When scientists discuss Darwinian "survival of the fittest," we often think in terms of the realm of plant and animal food chains. We, therefore, tend to underestimate the possibility of artificial intelligence, cyborgs, nanobots and other advanced machines destroying the natural world. We tend not to think of machines of the future evolving into the Darwinian "most fitted" and most "civilized" and exterminating and replacing 'primitive' species of this biosphere, such as man, animal, plants and other naturally occurring microorganisms. Passa (2019) the founder of The AI Organization, warned the world in his brilliantly researched book, *Artificial Intelligence Dangers to Humanity*, about the coming replacement of humans with self-aware artificial systems. He indicated that bio-modification and AI takeover is ongoing in our world and that it poses the most dangerous threat to mother earth.

We are familiar with social Darwinism, military Darwinism, economic Darwinism, racial Darwinism etcetera. We have

witnessed dark sides of their displays on this planet. But we have not paid adequate attention to biological techno-Darwinian survival of the fittest. In discussing this topic therefore, I am not restricted to specific type of eco-systems Darwinism. Environmentalist thinkers are already doing the work, warning us on the issues such as over exploitation of the earth as well as ecosystem pollution by man. This paper is not an environmentalist campaign. It is rather something deeper. That is, it focuses on trans-biology. Church & Regis (2012) in their book, *Regenesi: How Synthetic Biology Will Reinvent Nature and Ourselves*, referenced "the future interface of inorganic and organic world." Inorganic simply means something that is not from organic (natural) matter like chemicals or nanobots. Modifying the earth from her cause of natural law to unnatural law is a form of scientific biological terrorism. The earth is a giver of life and must be respected. She is unique and different in the entire solar system.

Origin of Life Hypothesis: The Earth

She has been called Gaia, Ki, Erez, Eden, Tiamat, Terra, the Great Mother etcetera. All these names refer to the same astrological object in our solar system, the earth. There are so many theories as to how earth came to be. Widely spread in all culture around the world as to the origin of planets is religious mythologies. Most of these mythologies are similar and dwells on the idea that earth with other space bodies were created by God or gods. Sitchin (1990) in his book, *Genesis Revisited*, opines that there might have been "primordial truth' underlying these similarities in religious creation mythos. He invokes the concept "genetic memory of the species called Mankind" in trying to explain that man's idea that the earth and other planetary objects in the space were created by some deities may have arisen from the human memory repressed deep in unconscious minds. These repressed

unconscious memories are what the Swiss psychiatrist, Carl Jung called “the collective unconscious.”

In ancient Sumerian mythology, it was the group of gods known collectively as the Anunnaki who descended from their abode in the space called, Nibiru and created the earth which they called ERIDU. It was a garden teeming with bio-life forms. The Sumerians believed that all life forms were created by the Anunnaki gods. Words like Eden or Earth are morphological mutations from the same Sumerian word Eridu according to Sitchin (1990). In other words, the widely known Hebrew creation myth is derived from ancient Sumer. This is because Sumerian civilization is older than Hebrew Civilization and so is their creation myths. Hebrew creation myth indicated that the deity Elohim created the earth and all biological organisms on it. While we will not spend much time in this paper recalling various creation myths of culture around the world, we would want to identify that ancient Egyptians also have varied myths as to the creation of earth depending on specific systems we are looking at. For instance, in the Heliopolitan system, Atum was the creator of the earth and all living organisms in it.

Religious myths are not the only theories as to how the earth came to be. Science has its postulations as well. The most pronounced theory in the field of science is the Big Bang Theory. The Big Bang theory is the most prominent of all scientific postulations as to how the universe, including the earth, came to be. This theory is based on pure materialism. ‘Big Bangers’ reject the religious notion of an intelligent creator. The universe is random and started from a point known as Singularity. This point of singularity exploded at an enormous speed causing magnetism and matter to disperse and to accrete into proto planets. This event took place, according to science, some 13.8 billion years ago.

The age of the earth is conjectured by scientists to be 4.5 billion years. The formation of the earth must have followed the law of magnetism and accretion after the Big Bang. Dusts whirled into a protoplanetary mass which took considerable number of years to solidify. Earth was probably extremely hot during its early stages of formation. A publication by the Geographical Monograph publication (SeriesNo. 212) titled, *The Early Earth: Accretion and Differentiation* (2015) described that there were: "...series of complicated and bewildering events that began with condensation in the solar nebular proceeded through the cataclysm of planetary accretion from which emerged a hot and molten proto-earth." If this hypothesis is true, it must have taken very long time for proto earth to cool off. It remains a fact today that the core of the earth is extremely hot containing liquid rock and iron. It took billions of years of transformation and evolutionary growth for proto earth to evolve into a maturation stage to be able to support organic life. Scientists attributes the presence of biological organisms on earth to some complex chemical process which took millions of years of evolutionary process to arrive at its current state. They also postulate that the earth did not always carry oxygen during its early formation. Oxygenation of the earth came with the arrival of blue algae. Oxygenation occurred about 3.8 billion years ago. Using solar energy, blue algae were able to translate O₂ and CO₂ into the simple sugars as needed. In the process, they give off oxygen. With the presence of oxygen, emerged proto-cellular life forms which later transformed into more complex cellular organizations with a well-defined nucleus containing the genetic material for more evolutionary process. Natural evolution is gradual and does not skip stages. The idea of human designer evolution is terrifying especially when something goes wrong with such scientific creation. This could lead to another universal Great Flood of death, mass extinction and destruction.

Earth Biosphere: A Home for Millions of Species

So far, planet earth is the only astronomical object in our solar system where human life exists and thrives. Earth did not evolve humans only. Billions of other biological life-forms, fauna and flora species alike share the earth with humans. The origin of biological life on earth, both micro and macro remains a substantial provocative topic in the fields of both science and religion. Each of this field of human quests for the truth, as indicated above, has its theories, postulations, and or belief systems as to how organic life evolved and spread on earth. Despite the prevailing differences in both the scientific as well as the theological prognostications relative to the origin of bio-life forms, there remains an irrefutable agreement in belief across sciences. That is, the fact that biological life exists on earth which include humans confronted with multi-faceted existential issues. The ability to support bio-organisms is one of the characteristics which set earth apart from other known astronomical objects in the space. Earth evolved liquid water on the surface which is a precursor for bio life as we know it.

Astronomers have continued to probe for nearby space for exoplanets with the possibility of new discovery as to biological life-form. Prinja, (2012) expressed that: "There are 200 billion stars in our galaxy, the Milky Way, and billions of these stars are like the sun. One out of five of the sun-like stars could have earth-like planets just in our galaxy. That's a lot of planets where life may have started!" Man wishes to transcend biology in order to explore the stars. So trans-biology is a science that will not phase away. Lunan (1974) asserted in his book, *Man and the Stars* that human have always quested to spread out to the stars in the future. This is the goal that space exploration programs and mission are attempting to reach. However, at the moment, it is scientifically unattainable for the current biological state of man to evolve to the stars. If such possibility is realizable in the future,

it will require technological and, or digital augmentation. But human-machine symbiosis will not start in the stars. They start here on earth and progress to the stars. What we once read in books as science fictions, we will experience as science facts. What was once in the realm of hypothetical conjectures of brilliant minds will be made manifest as realities. Part of this manifestation is re-designing biology, hence the word synthetic biology. In 1912, a Frenchman by the name Stephane Leduc published a work titled, *La Biologie Synthétique*. Many researchers believe that it was from Leduc's work that the scientific concept synthetic biology emerged. This concept is obviously an oxymoron since biology is completely distinct from synthetic matter. nevertheless, what is implied by synthetic biology is the harmonization between biology and artificial machine. Such experimentation is ongoing.

Unholy Matrimony between Biology and Artificial Systems

Intentional synthetization of natural life-forms with chemical/synthetic or artificial systems, through bioengineering is ongoing. Synthetic biology as I imply in this paper means all actions of man which employs science and, or technology to modify natural life into artificial systems. It is the symbiosis between organic life and machine. So, the new bio-designer of the earth is here with us, and he is no other one but man himself. Already we are witnessing increasing medical technology such as bio-prosthetics. Trans-biologists exploit benevolent medical technologies to hypnotize us into believing that trans-biology is good for life on earth and the only forward. We are also witnessing digital prosthetics where scientists are implanting humans and animal with artificial systems to "enhance" their vital performances. Effort is ongoing to promote mass acceptance of artificialized DNAs, artificial blood transfusion, artificial cell replacement, artificial hearts implantations etcetra. Take a moment to reflect on the concept of synthetic biology.

This encompasses the whole movement aiming to utter creation tremendously by replacing natural law with unnatural law. This is what biospheric modification and trans-biology is all about. Although this type of sciences is presented as beneficial for man, as a benevolent gift, the truth is that it is a Trojan horse harboring bio-extinction programs. Nevertheless, this paper is not meant as an attack on research and developments and their benefits whereof in term of bioengineering. Rather, it is meant to explore ways human action contravene natural law and potentially causes extinction of biological systems on earth.

Trans-biology: The Path to Bio Extinction

Dangerous biospheric modification presents man the opportunity to become the dreamed superman. Transcendence biology is part of this biospheric engineering. This terrifying human scientific escapade will transform man into a synthetic digital entity. The word trans-biology, as I have repeatedly used herein, means exactly what it said – transcending biology. Trans-biology begs the questions: From biology to what? What is man evolving into? What will the next stop in man's evolutionary destination? To answer this question is to understand man-machine synthesis, which is the anger of transhumanism. There are two types of cosmic evolution. One is natural and follows universal natural law. The other, which is our concern in this paper, is unnatural evolution. Darwinian "natural selection" philosophy will sound like a fairy tale to the fast emerging "unnatural selection." What I mean by "unnatural selection" is evolution by human design or designer evolution. Is designer evolution real evolution, or it is a de-evolution.? Many people are of the notion that designer evolution is, as a matter of fact, de-evolving man.

Designer evolution approaches the concept of man from a materialist viewpoint. But there are other dimensions to man that

are spiritual. I am aware that the materialists reject the spiritual component of man hence their aim to re-design a man-machine that lack self-awareness beyond the material realm. The concept of life after death is non-existence in the thinking of transbiology materialist. The materialist interprets all discuss about man's spiritual transcendence and life after death as nothing but the functioning of electrical signals within the neuronal systems or the residues of cell memories. In his best-selling book, *Proof of Heaven: A Neurosurgeon's Journey into the Afterlife*, an American neurosurgeon, Dr. Alexander (2012), a former ardent believer in the science of materialism, recounted how Near Dearth Experience (NDE) converted him from years of extreme materialism to the belief that humans have souls which continues to exist after death.

Trans-biology is not limited to human-to-machine transmutation as currently being advocated by transhumanists and their cousin posthumanists. It also involves transforming mother earth to something synthetic or artificial. This explains why geo-modification is going on in our world today with nanoparticles such as aluminum barium and strontium saturate out atmosphere. In addition, the negative manipulation of electromagnetic spectra by trans-biologist is causing the earth to experience adjustment or modification. Trans-biologists employ science and technology to improve argument and eventually replace biology. Digital, nano, prosthetic, artificial and mechanical means are being deployed for biospheric enhancement. Trans-biologists see universal natural law as lazy and sluggish in its process of evolution. They therefore want to introduce man-made version of biological evolution which will be artificial evolution. Despite the promises of trans-biology to 'improve' bio-life forms, man must bear in mind that transbiology could mean bio extinction.

This paper cannot emphasize enough that trans-biology is man's scientific quest to utter universal natural laws (of God) which governs the biosphere. Vermeulen et al (2016) in, *Bio Objects: Life in the 21st Century*, referenced trans-biology as a "reorganization of living matter. "They further elucidated that: "Transbiology is not just an epithet for laboratory action, but also captures the postmodern diffusion of science into all imaginable sphere of society; popular culture, politics economics etcetera." This gives us a window into the designer evolution rapidly unfolding on our planet. Is man rebelling against the universal natural law of God? What will be the consequences of this rebellion?

There are dangers which extreme scientism presents to biological life-forms on earth. As humanity moves into the future, there is a push by certain segments of elite scientists not just to "re-design" the biological systems but to reformat earth in its entirety. Man's love affair with cybernetics has brought him so far to the doorstep of what Aldous Huxley called A Brave New World. Cybernetics is the branch of computational mathematics dealing with the science of control, feedback, and communication in animal and machine systems.

The word cybernetics is etymologically derived from the Greek word *Kybernetes*. This word implies "pilot" "steersman" or "governor." Cybernetics is about systems control, all system – biological systems and artificial systems. It was Nobert Wiener who in 1948 coined the term cybernetics. The idea of artificial intelligence emerged from cybernetics movement. McRoy, (2019) wrote in, *Autism Epidemic: Transhumanism's Dirty Little Secret*, that Cybernetics is an outgrowth "...from the scientific endeavor to quantify and control biology." In other words, the real agenda of 'cyberneticians' is trans-biology. Rapid acceleration in research and development in the areas of bio-synthetic system will reshape our natural world. The emerging cybernetic

mutualism between organic and artificial systems is a preview of the next phase of induced human evolution. The human mind naturally interacts with the world through an awareness of natural law. Man is therefore new to the ideas of bio-synthetic fusion, the turning of man into a machine for instance. If this future nightmare succeeds, synthetic systems might attempt to override all biological programs of universal order or natural law. This is a huge concern.

Do Trans-biologists Exist?

Trans-biologists do exist, and they have the desire for reformatting the biosphere. That is, the transmutation of all bio systems into artificial systems. The German philosopher, Nietzsche in his work, *Thus Spoke Zarathustra* declared boldly that “Man is something to be overcome.” This statement would as well be interpreted to mean that biology is something to be overcome. When you overcome man by synthetic digital or cybernetic argumentations, he is no longer man. He is something else, a cyborg. When you overcome biology through synthetic infusion it is no longer biology, it is something else. All trans-biologists are transhumanist. In the minds of trans-biology “mad scientists” biology is ineffective, time wasting, antiquated and futuristically obsolete. First, they will start with robust biological enhancement and or, argumentation. Then they will progress to the next stage of complete replacement of biological systems with artificial systems.

To be intellectually fair, there are scientists who are ethical who genuinely harbor healthy intentions. These categories of scientist want to do the right thing. They want to improve life on earth, especially the human life. However, we cannot ignore the spillover effect which bad science of the “mad scientist” has left on the test bud of humanity in the past. The end goal of these “mad scientists” is synthetic biologism. Like Dr. Moreau in the

American motion picture, *The Ireland of Dr. Moreau*, these “mad scientists” are engineering a fiendish nightmare on our planet in the name of human advancement. In Mary Shelley’s 1818 dark novel, *Frankenstein* we see scientific materialism and its unethical adventure in full display. Scientific ‘Frankensteinization’ of the earth by “mad scientists” should concern every ethically thinking human.

Anyone who has keenly studied the history of the human scientific and technological evolutionary progress, as pertains to the modern era, will notice the exponential rise in man’s scientific and technical abilities. As recent as 1980s it took an entire house full of digital equipment to match the processing power or the computing abilities of smart phones in the palm of our hands today. Thus, man’s techno-scientific tools are becoming better and more efficient. As scientific and technological knowledge improve, man gains a new confidence. He acts the master or natural law which he rejects in place of his own will. He does not only want to transcend his nature, but he also wants to lead the entire biological order to a new and different kind of unnatural evolution.

From *homo sapiens* man dreams of evolving into the next stage—*Homo Deus* (Godman). *Homo sapiens* is considered “wise” on the evolutionary scale in comparison to other hominids by virtue of the power inherent in his brain matter. Today, trans-biologist no longer recognize *homo sapiens* as wise. He is just another dumb brute like other great apes hence their need to re-think the entire human species and re-design them. Trans-human, post-human, *homo-cyberneticus* or cyborg will replace the current biological state of man. Man is now discontent with being man.

He wants to emancipate himself from the state of natural existence. Artificial biology presents to him an irresistible temptation. He wishes to shed off his old skin of humanness to become “better.” However, he understands that he is contravening God’s universal order of things. He knows inherently that he cannot evolve to his dreamed god status without synthetic augmentation. The god that man becomes in the future is not recognized by universal natural law of evolution. This “god” will be mechanical—a synthetic digital machine lacking soul consciousness and disconnected from Source (God).

The “Ubermench” and His Unnatural Will

It is the new morphological ascent into the status of Homo Deus that Nietzsche described as the *Übermensch*, the superman. Man’s newly re-created self-identity or self-image vindicates that famous philosophical prognostication of Protagoras of Abdera (485 to 415 BCE) dating thousands of years. Protagoras declared that “Man is the measure of all things: of things which are, that they are, and of things which are not, that they are not.” One therefore wonders if Protagoras was one of the ancestors of scientific materialism which our modern world runs on. Scientism exists to eliminate soul from science. Thus, as science continues to be soulless, man will continue to be superficial.

Trans-biologists are evolving the world to the next nano stage. With nano technology, humanity is opening the door to the world of invisible machines—a world of artificial reality completely dominated and controlled by self-conscious, self-replicating, and self-preserving artificial intelligences. New nano particles will build new fake realities. New nano cells will sustain synthetic ‘life’ forms. Synthetic blood and synthetic organs will be used to prosthetically replace humans. Artificial trees, births, crickets, lizards, bugs will replace nature as you know it today.

Passa, (2019) already warned the world that insect drones such as dragon flies, mosquitos, bees, beetles, spiders, cockroaches, snakes, ants are already mixing with our natural reality and are being used for espionage. These robotic insects can hardly be distinguished, they can be used to carry out assassinations by delivering bites of nano poison to targets. Insect robots are used to follow people around and to spy on them. This is the new world. A new man unnatural man is on the rise. He is rising like the apocalyptic beast from the earth, and he is a soulless machine who will remake the world into artificial image. There is a new creation unfolding and this is nothing like your biblical creation story. The earth and humanity are at the danger of being replaced by artificial versions. We must not lose sight of the fact that some of these scientific “forbidden” knowledge is in the hand of elite “mad scientists.”

Social Engineering for Bio Extinction.

Anyone who observes the unfolding of scientific events in the contemporary society will notice that there have been gradual but consistent exposures of the masses to trans-biology philosophies. These is being done using predictive mind programing as well as social and behavioral engineering. These exposures occur mainly in Academica, social media, pop culture and even in liberal theologies. Unfortunately, the Academica is one of most controlled segments of the human society. Professors are programed so they could program others en masse. We are in the Great Age of Trans. The word trans means: Across, to cross over, to pass-over, to overcome, to go beyond, to bypass, to surpass, to exceed or excel, to expand beyond present forms or to progress to the other far end of the spectrum. Trans-humanism, for example, is but one mutation of this hydra-headed viral *trans* phenomenon under discussion. Scientific elites are familiarizing us with words such as trans-nature, trans-species, trans-gene or transgenics, transchromosome, trans-

genderism, transvestism, trans-culturalism, trans-nationalism etcetera.

If research spate and scientific enthusiasm persists in the field of trans, we will certainly end up with a world of total trans-biology. This is the final dreamed reality of all transhumanists. They are selling us anti-nature disguised as altruistic science. But the real catch is to reformat nature and to replace man. It is a trap! Like the serpentine offer to Eve in the Garden of Eden and the consequences of the aftermath of yielding to the temper and eating the “forbidden fruit” man will be driven out of the Garden of universal balance, universal natural law, or universal order. Transbiology serpent, just like the biblical counterpart, is offering us the tempting apple of “digital immortality” which will make us “become like God.” This is what transhumanism/posthumanism or trans-biology is all about. Science wants to re-engineer our entire biosphere in the image of artificial reality, and we are buying it. We are being inundated with concepts such as geo-modifications or geo-engineering, atmospheric engineering, solar engineering etcetera. Scientists are now pushing for programs such as stratospheric controlled perturbation experiment. Their goal is to dim the sun (solar engineering) in order to modify our biosphere. If this is not anti-natural law, then what it is?

Those who critique unethical, anti-human, anti-nature research and development are often mocked as scientific luddite. This is only an attempt to bully concerned people to fall into a state of shame-induced mutism. The reason we should all stand against bad sciences of the “mad scientist” is because if bad science succeeds the earth and biological life-form as you know will be replaced with synthetic ‘life’ forms such as robots, autobots, nanobots and cyborgs. A synthetic world will be a dystopic artificially engineered reality where there is no free will and

where evolution is removed from natural law. A new world of total cybernetic machines will turn our dreams into nightmare. The new catch phrase of trans-biologist which alludes to the future of a reformatted earth is synthetic biology. Pay close attention to the concept called synthetic biology as we journey into the future imagined by scientific materialism.

Biology and Engineering

So, what is bioengineering. We will define bioengineering as the application of the fundamental principle of engineering to biology. With bioengineering came the concept of patenting life. Scientists who have been able to bioengineer (re-format or re-design) nature usually lay claims of legal monopolies of the modified life form. Thus, monopoly of nature by elite scientist is a threats to the rest of humanity. Bioengineering is multi-faceted. Sciences such as biomedical engineering, neuro-engineering, biotechnology, biomaterial, marine biotechnology, environmental biotechnology, bioinformatics, bioprocessing engineering, nanotechnology bio-mechatronic, bioinstrumentation, clinical engineering, system biology, synthetic biology, system physiology to name but a few, fall under bioengineering. Man has utilized these areas of research studies for the improvement of life on earth. But he will also use them to destroy and replace life.

It was the post-World War II era that gave us the concept we have come to know today as bioengineering. The term bioengineering first entered the human lexicon in 1954. The British scientist, Heinz Wolff first coined this term to depict a scientific matrimony between biology and engineering. Wolff was a researcher for the National Institute for Medical Research. Following that, academic programs and school departments adopted the term to describe man's scientific re-designing of nature. However, bioengineering as a human scientific quest

dates back farther in time. The term engineering has become well known following the successful completion of Human Genome Project between 1990 and 2003. This is one of the greatest achievements of bioengineering in all human history and which will redefine and re-design nature through what is known as bio-modification.

The gods and Transcendence Biology: Ancient Stories of Induced Bio Extinction.

Did humans learn from the gods the idea of trans-biology, biospheric modification and eugenics? The story of the Great Flood, which is present in virtually every human culture, is nothing but a story about transcendence biology. There are many ancient texts reporting that the gods concluded that the genetic stock of all living organisms in the past were defective and needed destroyed. So, the very idea of genetic extinction or annihilation goes back to the gods. There exists some evidence in ancient texts which report that the gods have previously engaged in bioextinction of species on earth. The Mesopotamian story of the destruction of the earth is very popular and it is what birthed the Hebrew version of Noah's story of the destruction of the world. In the original Flood Story Tablet of the Sumerians, the hero is not Noah but Atrahasis. The gods felt that mankind has de-generated to the point that they needed to destroy them. The god Enlil (the Hebrew Yahweh) verbalized his intent for genetic annihilation thus:

*"Now, let them not listen to the words that you (say)
The gods commanded an annihilation,
A wicked thing that Enlil will do to the people.
In the assembly (of the gods) they commanded the Deluge (saying):
'By the day of the new moon we shall do the task.'
Atrahasis, as he was kneeling there,
In the present of Ea (Anunnaki god) his tears were flowing.*

*Ea opened his mouth.,
And said to his servant (Atrahasis):
“For one thing you are weeping for the people,
For another you are kneeling (as)one who fears me.
There is a task to be done (building a boat)
But you, you know now how to accomplish it.”
See Old Babylonian Schoyen: iv 1-16*

Atrahasis, who later was called Noah by the Hebrews, carried moral and genetic righteousness (purity) and was preserved by the gods. He pleaded on his knees on behalf of all biological lifeforms for the gods to spare them. In another version of the story called, Epic of Gilgamesh, the Anunnaki (gods) ordered Gilgamesh to build an Ark because they were to cause all biological life to extinct. The gods gave Gilgamesh specific measures on how to build the boat – length, width, height etc. When the Ark was finished Gilgamesh expressed following:

*(Everything I had) I loaded aboard it
I loaded aboard it whatever silver I had,
I loaded about it whatever gold I had
I loaded aboard it whatever seed I had of living things, each and every
one
All my kith and kins I sent aboard the aboard,
I sent aboard the boat domestic quadrupeds, wild beasts of the steep,
persons of every skill and craft...” (See Gilgamesh XI: 81 – 7.0*

Coping this Babylonian story, the Hebrews identified their deity Elohim as the first bio-genetic exterminator on earth through worldwide flood. This is evident in the following statement: “And God saw the earth, and behold, it was corrupt, for all flesh had corrupted their way on the earth.”

All flesh is indicative of the entire genetic stock present on earth at the time. The gods declared them be genetic and moral imperfect. Is this a form of Darwinism where the “less fitted” is destined for annihilation? If humans were that corrupt, sinners and imperfect in the eyes the gods, why did they then proceeded to exterminate other bio-life forms? Were trees and animals also committing sin? In Genesis 7:2 -3, we learnt thus:

“The Lord then said to Noah, “Go into the ark, you and your whole family, because I have found you righteous in this generation. Take with you seven pairs of every kind of clean animal, a male and its mate, and one pair of every kind of unclean animal, a male and its mate, and also seven pairs of every kind of bird, male and female, to keep their various kinds alive throughout the earth. Seven days from now I will send rain on the earth for forty days and forty nights, and I will wipe from the face of the earth every living creature I have made.”

The above stories shows that the gods were the first transgenic, the first transhumanists, the first posthumanist and the first trans-biologist who engaged in biospheric modification. The reason for the selection of the few “fitted” to survive the flood is an example of eugenics. In the Sumerian story of creation, there were many human prototypes which the gods designed but later found them to be genetically inferior hence they were caused to extinct by the same gods who created them. Some researchers were of the view that extinct anthropomorphic apes were proto humans. They carry genetic traces found in man today. For example, Neanderthals were said to be the genetic ancestors of non Africans. Max Planck Institute for Evolutionary Anthropology in Germany completed their research which concluded that Eurasians carry up to 2–3% of genetic material found in Neanderthal. Again, did the gods practice transgenics?

Conclusion

In conclusion, the trajectory of man's scientific dream is boundless in the contest of the modern world. Since those who control science and technology control the world, humanity must be alert to the potential danger of consecration of powers in the hands of powerful unethical technocratic elite. Already man possesses the knowledge of atomic energy which can pulverize biological life forms on earth in an instant. John Action John Emerich Edward Dalberg-Acton (1834 -1902) gave a cautionary advice to humanity in his famous statement that: "Power tends to corrupt, and absolute power corrupts absolutely. Great men are almost always bad men..." The propensity of modern materialists to interpret reality based the scientism viewpoint could deliver "absolute power." One area which modern science wants to colonize and dominate is the biosphere. Ethical improvement of living organism should and ought to be promoted above selfish bio extinction anger of transhumanism. In the end, the war is between universal natural law and unnatural law of material science. Let us therefore chose our side wisely so we do not engineer our own self-extinction.

References

- Zacharia Sitchin, *Genesis Revisited*, HarperCollins Publisher, NY, 1990,
- Niki Vermeulen et al, *Bio-Objects: Life in the 21st Century*, Routledge, NY, 2016
- Dr. Eben Alexander, *Proof of Heaven: A Neurosurgeon's Journey into the Afterlife*, an American neurosurgeon, Simon and Schuster Paperbacks, NY, 2012
- Robert Wiener, *Cybernetics or Control and Communication in the Animal and Machine*, MIT Press, Cambridge MA, USA, 2019,
- James Badro and Michael Walter (ed), *The Early Earth: Accretion and Differentiation* (2015), published by American Geographical Union.
- Ramnan Prinja, *Universe Rock: The Complete Guide to Space*, QEB Publishers, 2012.
- Eben Kirksey, *The Mutant Project: Inside the Global Race to Genetically Modify Humans*, Published by The Mutant Project, NY, 2020.
- Duncan Lunan, *Man and the Stars: Contact & Communication with Other Intelligence*, Sourvenir Press Ltd, 1974
- Wayne McRoy, *The Autism Epidemic: Transhumanism's Dirty Little Secret*, 2019
- Elizabeth Kolbert, *The Sixth Extinction: An Unnatural History*, Henry Hold & Company, NY, 2014.
- Joseph Frail, *Mother Earth's Revenge: Unexplained Consequences*, 2013.
- Roberto Manzocco, *Transhumanism- Engineering the Human Condition: History, Philosophy and Human Status*, Springer, 2019, Switzerland.
- Jerry Bergman, *The Darwin Effect: Its Influence on Nazism, Eugenics, Racism, Communism, Capitalism & Sexism*, 2014

R.U Sirius & Jay Cornell, Trancendence: The Disinformation
Encyclopedia of Transhumanism and the Singularity,
Kenneth Goffman and Jay Cornell, San Francisco CA,
2015