

## Derivatizations, H<sub>2</sub>e<sub>1</sub>pCH<sub>2</sub> CH<sub>3</sub> and Translationalwellness

This document does not and has no intention to impugn any entity, group, individual, or system, particularly because it is these nuances of civilization that have supplied intricate and specific information utilized to comprise the compendium of analysis, research, constructive and observational output with which this analysis is associated. Instead, it is observed that civilization and systems are quantum computing system which exhibit and elute information using human perception, cognition, behavior and outcomes. Information about each human outcome performs as a manner of persisting information for storage. Human learning is also a modality of random-access storage of information. Algorithms, routines, procedure and patterns of humanity imputed into humanity, all perform as applications with systems, conditions, contexts, environment and status from human welfare, social welfare and other perspective performing as operating systems. Systems of civilization program these applications with how well human requirements, social requirements, education requirements, and essential knowledge are available to and imputed into contexts, groups and individuals. Civilizations perform as internetworks which shape exchange of interaction, information, behavior and dispense with the incipient and empirical impetus for civilizations which is improvement of human outcomes, human welfare and social welfare, regardless of what philosophical, political, operational, economic or other mechanisms systems implement in the endeavor of obtaining the imperative of increasingly achieving absolute human priority.

The intent of the compendium of research with which this document is associated is to ascertain, understand, resolve, alleviate and prevent the causalities and statuses that enable or constitute diminished nuances of aging, diminished behavioral outcomes, diminished health or wellness status, sudden diminished health or wellness events, sudden or diminished behavioral events, diminished exhibition of regenerative repair, and continuous sustainable enhancement of the natural environment and civilization environment in which humans are among, all in a way that continues to assure as absolute human priority as is possible. Included in the diminished outcomes to be understood, prevented and alleviated are any events, contexts, conditions or outcomes which are massively result in diminished outcomes.

- 1) H<sub>1</sub>e<sub>1</sub>p + e<sup>-</sup> = H<sub>2</sub>e<sub>1</sub>p, H<sub>2</sub>e<sub>1</sub>p + CH<sub>2</sub> = CH<sub>3</sub>, CH<sub>2</sub> + e<sup>-</sup> or H<sub>2</sub>e<sub>1</sub>p = polymerization potential, quantum spin fluidity enabled or participative metal ions including cationic diatomic metal ions = onboard of hydride and synthesis of hydride from environment
- 2) Methyl groups, CH<sub>2</sub>, CH<sub>3</sub>Thetins + methylthioglycolic acid + trimethylsulfonium + complete B Vitamins + Folate + Betaine/trimethylglycine + sulfide + selenonium + Lecithin mixed phospholipids = diminished enhanced balance of beneficial development/polymerization/cytokines
- 3) Lecithin and Green tea is used as therapy for nutritional processing pathway tissue improvement
- 4) Chocolate and olive oil are also used for nutritional processing pathway therapy, particularly dark chocolate and particularly fruity extra virgin olive oil. The coco berry and other aspects of the cacao plant, downregulate a diverse array of nonresolution cytokines. Indoleamine 2,3 Dioxygenase is known to be downregulated by moringa oleifera and IDO is strongly regarded as a cytokine active in diverse pathology including impaired proliferation characteristics of tissues.
- 5) Hovenia, Burdock and Moringa Oleifera each downregulate NOS2 and other diverse array of nonresolution cytokines. Moringa as active also in downregulating IDO or indoleamine 2,3 dioxygenase
- 6) Ancient Pink Himalayan Sea Salt instead of table salt + Iodide Supplement = activation of sodium coupled choline transport and sodium coupled Iodide transport
- 7) Complete vitamin supplement and complete mineral supplement, in this context, disrupts the status quo in outcomes among civilizations and otherwise
- 8) Quantum spin liquid and paramagnetic onboarding and interactivity of hydride and hydridic field
- 9) Solvation shell optimal characteristics
- 10) Donation of hydride by NaBH<sub>4</sub> and LiBH<sub>4</sub> to atoms with low vapor pressure to promote solubility, gaseous phase, provide hydridic character or hydride to accomplish catalytic activity, move atoms into pathways or readiness for biological maintenance
- 11) Assure pathways that translate, supply, elute, donate, oxidize, utilize and apply hydride into stable, optimal, sustained, and assured vital being, cognition, behavior, movement, immunology and function

- 12) Assure optimal super hydride, PEMT, PEMT2, and superhydride performance as powerful industrial level inorganic to organic phase transfer enablers and catalytic deteriorators of potentially detrimental molecules, serine proteases, deteriorators of tissue integrated plastics and assurers of optimal plasticity
- 13) Assurers of optimal plasticity, optimal flow and prevention of the most correlated indicators with sudden adverse outcomes by using probiotics, 33DMB, postbiotics, prebiotics, macrobiotics, fasting, food processing pathway cleansers, fruity olive oil, grapeseed oil, balsamic vinegar supplement or intermittent unforced fasting
- 14) Nonstrenuous, limited duration exercise, including some resistance and stretching which does not increase nonoptimal molecular expression
- 15) Promotion of regenerative blastema, agrin signaling and innervation, regenerative repair and optimal development and coordination
- 16) Agrin supervision and nursing of stem cellular entities and progenitor cellular entities both in pluripotent contexts and tissue competent multipotent contexts
- 17) Regeneration sources of adaptive immunological monocytes using FOXO1
- 18) Regeneration of Islets Beta Cellular entities using IGF1
- 19) Assurance optimal isoprenoid, dolichol and neuromelanin development and maintenance
- 20) Promoting of oxytocin expression correlative to assured pemt function and assured mitochondrial potential through function of PEMT2 at the mitochondrial associated membrane.
- 21) Regulation of dn-DBC1 and DBC1 integration into SIRT by Confluence, Yap and Taz, with coordinated mitogenic signaling to tightly and optimally regulate mitosis
- 22) Macrobiotic obtainment, Complete B Vitamins including niacin, niacinamide and nampt to generate and regenerate NAD<sup>+</sup> and other redox factors
- 23) 7 mg to 4 mg per kg of anatomical mass obtainment of absorbed nutritional choline or choline factors each day along with enough phosphatidylcholine to replace 25 or 30 mg of phosphatidylcholine lysed from cellular membranes to process nutritional factors and food.
- 24) Trimethylglycine, B6, Zinc and glutathione to produce methionine in 1 carbon pathways from byproducts of methyltransferase activity, to activate BHMT enzyme activity and counteract byproducts of BHMT enzyme activity
- 25) S-methylmethionine sulfonium to activate BHMT2, produce methionine, recycle byproducts of methyl transferase activity, and provide the only known specific substrate for the enzyme which requires exogenous substrate for efficiency
- 26) Ca<sup>2+</sup>, Tetrahydrobiopterin, L – Arginine to assist dilation of caveolae where vast aspects of signal transduction, endocytosis, communication, lipid rafts, ligands and other activity occurs to enable systemic control of intracellular status, behavior and outcomes.
- 27) Methyl groups are important detoxifiers of hormones, particularly during dysregulation of hormones. NADH/NAD<sup>+</sup> redox can have rapid nanosecond affect that changes polarity in the microenvironment across substantial aspects of the microenvironment and subcellular comparts, including tissues. Increased NADP<sup>+</sup> results in DHEA, Androstenedione, Estrone and Cortisone, while, comparatively, increased NADPH results in Androstenediol, Testosterone, and Estradiol, respectively among this bidirectional redox transactions performed by NADP(H).
- 28) A2 milk to disrupted overactivation of phosphorylation cascades
- 29) Downregulation of PARP1 and Nicotinamide Methyltransferase to sustain differentiated tissue basis, prevent proliferation pathology and prevent reprogramming of developing progenitor cellular entities from assuming impaired phenotypes
- 30) Mixed diverse hexose sugars for sweeteners and supplements favoring hydride, nitrogen, carbon and sulfur density which analysis presents as being most correlated to sweetness.
- 31) Including inorganic phosphate, dolichol, and isoprenoid synthesis in therapies where movement, coordination, myelination and neuromelanin must be assured
- 32) Agrin insertion into extracellular matrix to regenerate Cardio compartment
- 33) Enlyte or Enlyte RX do diminish the major cytokines.
- 34) Methylene tetrahydrofolate, 6s – 5678 tetrahydrofolate, and B12 methylcobalamin to regenerate methionine within 1 carbon metabolism
- 35) Sulfones, sulfide and disulfide to increase thiol availability to alleviate THMT enzyme exhibition of

intramolecular disulfide linkages which produce an inactivating gel phase for the enzyme unless adequate sulfur is available

- 36) Dimethylacetothetin or trimethylsulphonium or other substrates for THMT thetin methyltransferase
- 37) Danshen, red sage or Salvia M, to activate transsulfuration pathway that depletes methyltransferase by products
- 38) L-arginine and downregulation of NOS2 with Irinotecan and Curcumin to counteract depletion of Ca<sup>2+</sup>, depletion of L-arginine, and resupply myelin basic protein.
- 39) Superoxide Dismutase, Catalase, N Acetyl L Cysteine, Glutathione, Peroxiredoxin, Vitamin A, Vitamin C, all to assist in reactive oxygen or molecular species downregulation and prevent reactive molecular species cascade
- 40) NOPE1, NOPE2, and Phosphatidylethanolamine with already integrated DHA, EPA, Palmitate, extended length arachidonic acid, Omega – 6, oleoylate, and ether linked fatty acids to promote cellular membrane insulation and enhanced capacitant dynamics
- 41) Assuring THMT methyltransferase production of methylthioglycolic acid which performs as a desquamation factor and resects aberrant polymerization and resects tissue, cellular membrane and other development to baseline tissue competent plasticity. Glycolic acid is considered an alpha hydroxy acid, loosely or generally. Tripchloride is another similarly strong therapeutic applied in numerous conditions.
- 42) Assure PEMT storage of CH<sub>3</sub>- by three sequential transfers of CH<sub>3</sub>- lone pairs into the nitrogen of Phosphatidylethanolamine, resulting in enriched phosphatidylmonomethylethanolamine, phosphatidylmethylethanolamine, phosphatidylcholine, in a way that integrates each hydride of CH<sub>3</sub>- into cellular membranes as newly synthesized choline within phosphatidylethanolamine.
- 43) Assured availability of phosphatidylethanolamine that is new, or which has lightly glycosolated or unglycosylated tails, thereby constituting new ethanolamine, new unrecycled methylene bridges which have not had atoms deteriorated. CDP – ethanolamine pathway supplied phosphatidylethanolamine, Triglyceride, as preferred and phosphatidylserine carboxylation/decarboxylation as recycled sources of phosphatidylethanolamine and methylene bridges. Diminished PEMT function with pathology or advancing phases of being result reliant of MTTP triglyceride transfer protein, cdp – choline pathway, nutritional choline supplementation, all to sustain diacylglycerol availability for fatty acid processing and synthesis. These determine lipid droplet compared to plasma membrane exhibition of diacylglycerol, changing access to these by membrane enzymes that process fatty acids. PEMT, because it performs flux between biological compartments and circulating lipid content, including its stimulation of VLDL that can be used in apolipoprotein distribution lipids, requires sustainment by therapeutically diminishing cytokines that diminish PEMT and pathways that compete with PEMT for substrate. Once PEMT becomes diminished and regardless of choline supplementation and cdp choline pathway upregulation, it becomes required to supplement with Docosahexaenoic acid, Palmitoylate first fatty acid in fatty acid beta oxidation, oleoylate, omega-3, extended length arachidonic acid species or arachidonic acid, ether linked fatty acid, or phosphatidylethanolamine that has the species at the Sn1 position in particular, although also Sn2 position is possible. Increasing PEMT expression and activation can also be performed by Estradiol implementation, activation of Estrogen Receptor A and Estrogen Receptor B evenly, transactivating the 13 sequence perfect estrogen response element, diminishing AP1 because it inhibits catalysis of PEMT, suppling phosphatidylethanolamine species, providing phosphatidylserine species, providing cholesterol for integration into the pocket of proteins in start proteins of start domains of phospholipid for protected transfer to mitochondria where carnitine shuffling enables endocytosis into the mitochondria for Cytochrome p450 translation of cholesterol into pregnenolone followed by hydroxy enzyme processing for hormonal biosynthesis and steroidal biosynthesis pathways.
- 44) Estrogens, particularly even activation of estrogen receptor alpha and estrogen receptor beta, activate estrogen receptors which then relocate to the nucleus where they integrate with perfect 13 sequence estrogen response element within DNA, followed by polymerase enabled transactivation of PEMT within that response element, follow by PEMT1 movement into the endoplasmic reticulum and movement by PEMT2 into the mitochondrial associated membrane where it entwines itself in the this membrane produced by enzymes that link hundreds of mitochondria to the endoplasmic reticulum where PEMT becomes supplied with Ca<sup>2+</sup>, Phosphatidylethanolamine, Phosphatidylserine as a precursor to Phosphatidylethanolamine, and phosphatidylinositol, all of which sustain PEMT2 function at the

mitochondrial associated membrane and supply a strong aspect of potential and capacitance utilized in hydridic effect, cognition, and foundational redox potentials.

- 45) Phosphatidylcholine and 2 Palmitoyl Phosphatidylcholine optimize CO<sub>2</sub>/O<sub>2</sub> exchange in the alveolar lumen where surfactants enable fluids to move and move material against gravitational fields. Counteracting diminished CO<sub>2</sub>/O<sub>2</sub> exchange should include counteracting the requirement of HIF which causes systemic metabolic change, particularly upregulating erythropoietin stimulation of new erythrocytes, affecting hepatic tissue and bony tissue. Prolonged exhibition of diminished CO<sub>2</sub>/O<sub>2</sub> exchange can result in pathology, requiring atmospheric particular remediation and cleaning of air, particularly near and during care or therapy. MATH+ therapy and HAT therapy each are known to result in remediation and recovery of about 97 percent of the most advanced conditions, including microbial vectors, which involve diminished CO<sub>2</sub>/O<sub>2</sub> exchange. Erythrocytes typically are exhibited for between 90 and 120 days before being recycled, presenting the context of prolonged HIF expression, such that areas with increased atmospheric particulate are known to have increased outcomes, including increased diminished behavioral outcomes on days or periods in which atmospheric particulate levels are increased. Some conditions involving delayed development of erythrocytes benefit from phosphatidylcholine supplementation while replacement of native erythrocyte phosphatidylcholine up to 60% with egg yolk phosphatidylcholine in studies counteracts the observation that other specific species of phosphatidylcholine may be linked to increasing recycling rates of erythrocytes. Information) Eur J Biochem. Volume 110. Number 1. Pages 115 to 121. 9<sup>th</sup> Month, 1980. Although All trans retinoic acid is known to be useful in particular conditions involving monocyte proliferation and development, its applicability must be phenotyped or used as a utility therapy, while, importantly, all trans retinoic acid may be useful as therapy in numerous conditions because it exhibits a comparatively increased number of methyl groups. There are 5 methyl groups exhibited in all trans retinoic acid. Minimum extent phosphatidylcholine and lysophosphatidylcholine integration into the plasma membrane are stimulators or erythrocyte recycling while external stimulation of such recycling occur in phosphatidylcholine exhibiting erythrocytes correlated to usage of particular and specific stimulators of erythrocyte recycling. Supplementing with limited extend phosphatidylcholine and lysophosphatidylcholine can cause recycling of erythrocytes while extended link phosphatidylcholine can be used in conditions involving impaired maturity of monocytes, particularly erythrocytes. However, agrin nursing of stem cellular entities and monocyte stem cellular entities with pluripotency in bony tissue as well as phosphatidylcholine availability have been linked to assuring typical or optimal development and chemokine enabled movement to tissues and local aggregation of stem cellular entities. Information) International Journal of Biochemistry. Volume 24. Issue 7. Pages 1033 to 1038. 1992. Information) Comparative Study. J Biochem. Volume 94. Number 3. Pages 833 to 840. 9<sup>th</sup> Month, 1983.
- 46) Analysis of the leading inpatient therapeutics reveals that these, pervasively, but not all, result in upregulation of methylene bridge cysteine. Specific therapeutic remediation of methylene bridge cysteine is always a competent objective in care including in physiological, metabolic, and behavioral therapy.
- 47) It is possible to perform a search of the literature or the internet and utilize the alternative word for methylene bridge cysteine along with the condition name or along with factors, metabolites, or enzymes involved in such pathology, and pervasively these may return results correlating or linking methylene bridge cysteine with outcomes.
- 48) A microbial vector of diminished outcomes caused by a particular microbe in a particular controversial context, exhibited utilization of hydroxychloroquine, a known inhibitor of NOS2 in placebo enabled, double obscured, randomized study. In one context, where hydroxychloroquine was the incipient or only therapy, nearly all involved in the study recovered. However, in the same context in which numerous therapies were instrumented in a randomized pattern, the observations were inconclusive. The result was that diverse therapies causes methylene bridge cysteine increases and can even cause NOS2. Viral microbial vectors require, pervasively, expression and uncoupling of NOS2. Conditions in therapeutic venues, including particulate and including EMF exposure, also cause expression of NO<sub>2</sub> and can also increase levels of methylene bridge cysteine. Methylene bridge cysteine and trimethylaminenoxide should be counteracted specifically in therapy pervasively. MATH+ and HAT therapy produced about 97 percent or more recovery of the most advanced phases of the condition caused by the microbial vectored reference this context. Antibiotics were supplementally beneficial because microbe membrane lipopolysaccharide is

also known to stimulate NOS2.

- 49) Studies utilize a defined amino acid supplementation regimen with diminished choline availability to consistently cause pathology involving cellular proliferation and tissue differentiation. Supplementation using Amino Acids should include choline and phosphatidylcholine.
- 50) All trans retinoic acid rapidly upregulates GNMT, a glycine using methyltransferase, resulting in 40 percent increase in S-adenosyl methionine synthase, 43 percent decrease in methionine availability and 53 percent decrease in methylene bridge cysteine availability. The literature regards all trans retinoic acid as a downregulator of methyl group availability, although all trans retinoic acid exhibits 5
- 51) methyl groups in its representation in the literature, suggesting that it supplies methyl groups to promote methyl group recycling or methyl group distribution, although its possible that the methyl groups within all trans retinoic acid displace the requirement for methyl groups in circulation or integrated into tissue to maintain hydridic density. Information) J Nutr. Volume 133. Number 12. Page 4090 to 4094. 12<sup>th</sup> Month, 2003.
- 52) Sleep in a bed, within shelter, preferably as stable housing in anatomical parallel positions each night.
- 53) Shower every day and bath at least once a week with phosphatidylcholine and some of the other recommended factors presented in this document. Use a shower filter, although fluorine and chlorine can be useful in causing NOS2 for microbial affliction in some instances.
- 54) Perform hygienic practices each day, using as nontoxic factors as is possible and as hypoallergenic factors as is possible because these save methyl groups and because these prevent upregulation of the cdp-choline pathway. Upregulation of choline kinase and subsequent aspects of the cdp-choline pathway are essential aspects of pervasive pathology and risk for adverse outcomes, particularly when exhibited in nonephemeral duration.
- 55) Request antisense CRISPR for microbial affliction to impede microbial DNA replication and transcription. Also request CRISPR for use as microbial DNA excision therapy.
- 56) Have dwellings and care areas thoroughly cleaned for dander, particulate, dust, PFAS and other particulate.
- 57) Place literature, documents and information in enclosed containers.
- 58) NOS2 is expressed de facto when PEMT is downregulated to counteract decrease in cellular entities per micrometer of tissue, supplying turgor to cellular entities which increasingly experience apoptosis and increasingly are paused in hypertrophic phases resultant of inadequate supply of newly synthesized choline as phosphatidylcholine. NOS2 is intended to perform as a reactive oxygen species and reactive molecular species generator which flushes microbes from the cytoplasm and supplies the Plasma membrane interstitial space with toxic molecules to deteriorate xenobiotics and deactivate microbes, except for molecules intended to traverse this interstitial space using ion channels, transmembrane proteins, vacuoles, or clatherin encapsulation. NOS2 is beneficial in emerging development near conception, during deep tissue injury, and after astronauts return from space because it provides turgor to cellular entities, space for development and prevents tissues from collapsing from aggregate anatomical mass and gravitational fields. NOS2 is expressed when an organisms, particularly mammals and including Humans when cognitive and physiological, including virtual aspects of restrain or inhibited movement are imposed, impairing a fundamental response to distress emotional, cognitive and physiological levels. Microbial membrane proteins such as lipopolysaccharide stimulates NOS2/iNOS expression and iNOS/NOS2 is known in the literature to cause cellular membranes to assume an amoeba shape or become misshapen, open holes in the endoplasmic reticulum membrane at the plasma membrane to enable import of Ca<sup>2+</sup> and disrupt systemic gradients in Ca<sup>2+</sup> and chemokines otherwise, including enhanced removal of Ca<sup>2+</sup> from bony tissue in a manner that enhances calcium in circulation to require vitamin K2 to prevent increased calcification of soft tissue, endothelial tissue and circulatory tissue. NOS2/iNOS also cause increased risk of collapse of the sarcolemma which is linked to iNOS/NOS2 depletion of L-arginine that is essential for myelin basic protein availability for myelin and sheathing synthesis. Particular aspects of systems may have strategies, guidelines or procedures that prevent mobility, such that these promote recidivisms, increasing deterioration of the neurological basis of social behavior, and promote diminished health status as well as promote diminished duration of being. These explain countless instances of idiopathic abated being, impairment, or diminished behavior in particular interventional contexts, including providing of care.
- 59) Replace choline used from lysed phosphatidylcholine by MDR2 to produce enzymes and trypsins used to process nutritional factors

- 60) Assure that PTEN protects P53 from being deteriorated by MDM2 or diminish MDM2 ability to deteriorate P53.
- 61) Plant based nutritional regimens can diminished the most pervasively causal factor to sudden adverse outcomes
- 62) During therapy, find areas with high foliage to absorb EMF, area EMF protection, rooms with reinforced walls for EMF protection under, adjacent to and above bedding, on windows, doors, devices, and apertures. Request and look for windows and walls that diminish sound. Ask if area and building have EMF insulated electromagnetic infrastructure.
- 63) EMF can enhance performance by supplying e- to catalytic junctures or apertures. EMF can also be utilized in therapy or devices to excitedly stimulate resumption of particular biological rhythms.
- 64) EMF can affect slow wave potentials by affecting coordination, counteracting or disharmoniously affected waves, or by sometimes being beneficial when excitedness counteracts impaired slow wave potentials. Slow wave potentials are partial activation of post synaptic neurons in nutritional processing pathways or peristalsis otherwise in which a resumption to baselines is preventing by a subsequent slow wave potential post synaptic neuronal activation. Gradually, the activation threshold is reached resultant of multiple slow wave potential activations, resulting peristalsis. EMF, IDO and other receptors are involved in conditions in involving peristaltic function, while EMF protection during performance of particular activities involving peristalsis pathway can improve outcomes and diminish deterioration of function and coordination. Mature neuronal function and early development neuronal function can have different polarity potential directions. These were correlated with developmental hemoglobin and mature hemoglobin, but the correlation was temporally competent, while the cause of developmental change to adult hemoglobin was found to have other mechanistic link or discreet causality.
- 65) The NKCC1 to KCC2 change is paradox in which during early development, gradual exhibition of the effects of PEMT downregulation , changed production of and storage of acetylcholine because P53 diminishes glycolysis, along with changed levels of HCL ion, all gradually occur in way that involves patterning fixation by oxytocin. Resultantly, changes that are delayed by breast feeding and patterning that occurs correlative to breast feeding but which becomes fixated with permanence breast feeding levels change, neurons, post synaptic neurons, are presented in the literature as becoming inverted. The directionally in which a post synaptic neuron moves to achieve an actional potential changes the direction polarity.
- 66) Request EMF protective bed covering, coverings, quilts, and clothing when traveling, at dwellings, in buildings, during care and particularly with inpatient care
- 67) EMF protection in construction, maintenance and repair of infrastructure, buildings, conduit, dwellings, transportation pathways, devices, and otherwise can be achieved with only minimal expense and with rebate dynamics, can be made inexpensive to both consumer, organization and systems of civilization.
- 68) EMF, Ionizing Radiation, thermodynamic radiation, Aquatic Particulate, Environmental Particulate and Noise protection of dwellings and service and care areas, particularly because they provide foundational influences to levels of methylene bridge cysteine, and along with genetic and nutritional differences, strongly inform disparities in physiological, behavioral and pathology outcomes
- 69) Devices and appliances pervasively can have coverings, containers, stickers, dots, enclosures, power supplies, and plugins that diminish EMF. Plugins and power outlets can be covered with EMF safe or other combustion diminishing tape. Devices can easily have EMF absorbing and combustion safe material. Transportation devices can have windows, other areas protected by dots, coverings and other EMF protection devices, coverings or capabilities. Data centers should utilized diverse EMF safe capabilities for workers, consumers, piping, wiring, windows, and other apertures.
- 70) Request choline, particularly phosphatidylcholine, lecithin, prebiotic, probiotic, postbiotic, macrobiotic dense nutritional regimens with 33DMB, grapeseed oil, olive oil, balsamic vinegar during inpatient care or stay, while omitting meat, chicken, eggs and fish unless micronized. These can diminish risk of nosocomial microbial affliction and reduce risk of sudden adverse health events. Inadequate choline and phosphatidylcholine promote thymic involution and make populations with increased methylene bridge cysteine, diminished PEMT, advanced age, existing conditions, or low phosphatidylcholine nutritional obtainment, all susceptible to opportunistic microbial affliction and cause these groups to become vectors of resistant microbial development. During inpatient care, choline and phosphatidylcholine inadequacy can

emerge as an increasingly causal factor in complications, adverse outcomes and discontinued being.

- 71) Ask about, during inpatient and outpatient care, monitoring of, prevention of, alleviation of and visibility of Lactate. Include the Acid of Lactate. Include D version. Include L version. Monitor, diminish, prevent and alleviate these if indicated. Counteract these as indicated.
- 72) Methylene bridge cysteine above 6  $\mu\text{M/L}$  and s – adenosyl methylene bridge cysteine, and also reduced trimethylaminenoxide, are signals which cause physiology to acknowledge the need for change to the status quo. Trimethylamine changes hydrostatic pressurization characteristics in essential circulatory pathways while also causing downregulation of PEMT. Methylene bridge cysteine levels promote PEMT downregulation and physiology responds by preventing absorption of sugar, at least glucose, and downregulates glycolysis and other pathways. Glycogen storage and glycogen release is prioritized instead of glycolysis. However, in actively exercising muscles, which become increasingly conditioned to counteract such condition, glycolytic throughput is increased or conditioned to increase. This conditioning improves the susceptibility of lactate anion increase, particularly during exercise, which occurs when NADH and Pyruvate are translated into  $\text{NAD}^+$  and Lactate anion by lactate dehydrogenase in context in which diminished glycolytic production of pyruvate is caused by P53 in response to downregulated PEMT. Resultantly, circulating glucose is not endocytosed pervasively and is particularly available to actively exercising muscle tissue, promoting behavioral change that allows increased ability to survive, obtain nutritional resources in more extreme circumstances, obtain new nutritional sources such as other organisms in animalia, and promoting phenotypes linked with detrimental outcomes.
- 73) Methylene bridge cysteine above 6 or 7  $\mu\text{M/L}$  also causes impaired ability for stimuli to reach higher levels of the brain, resulting in impaired or clouding of such interactions and involving the brain stem more or more, where action or response may be favored instead of control which is strongly exhibited strongly occur in the frontal cortex. The data regarding control, cortex, stem and response have been presented in the literature and this information is not intended to detrimental affect translative nuances of physiology.
- 74) EMF is exhibited as encompassing field in civilizations with 50 Hz or 60 Hz field exhibited in modernized civilizations. These fields are then increased in influence by wide area, local, dwelling, building, and individual wireless devices and networks, sometimes comprising thousand of different sources of EMF including devices, appliances and other factors. A very early study linked such EMF to changes in health statuses, including those fields and sources exhibited at global levels including Satellite, Short Wave, Long Wave, and other levels that move or supply information and data.
- 75) The data suggests methylene bridge cysteine at 15  $\mu\text{M/L}$  with or without symptoms benefits from inpatient care. 10  $\mu\text{M/L}$  with symptoms benefits from inpatient care while 10  $\mu\text{M/L}$  without symptoms benefits from outpatient care. Methylene bridge cysteine above 6 or 7  $\mu\text{M/L}$  with symptoms benefits from outpatient care while office visits for care benefit methylene bridge cysteine above 6 or 7  $\mu\text{M/L}$ . Therapeutic objectives for  $\mu\text{M/L}$  at about 3.7  $\mu\text{M/L}$ . S – adenosyl methylene bridge cysteine should be intervened when at or above 0.012  $\mu\text{M/L}$ .
- 76) Vital being indemnification entities use a sigmoid or graph which observes statistical information about rates of discontinuation of being by phase of being and other characteristics. The graph of risk for discontinuation of vital being by age is not only somewhat exactly the same shape and same graph values as risk for discontinued being by methylene bridge cysteine level. Importantly, most obvious peculiarity in which near 100 years of age, the risk graphs discontinues is steepening of risk and exhibit particular clinical characteristics involving B vitamins, folate, and other metabolites, mimic the same peculiarity in risk presented in the sigmoid used by vital being indemnification entities. Incompletely deteriorated material resultant of protein moieties that are not natural or which have been genetically modified may also accumulate in tissue to cause autoimmunological conditions and increase methylene bridge cysteine levels. It is also possible to request an gmo product to be tested to assure that human enzymes are able to deteriorate proteins adequately, at least to trypsin and serine protease levels, although a group of enzymes can be utilized in this regard and studies which observe affect to thymocyte development burden result of antigen presentation of incompletely deteriorated proteins.
- 77) Therapeutic processes should include removing names from being used to login to systems, from email addresses, and from devices completely that use EMF. Personal information should be removed. Placing information on the internet should include removing all identifying information from documents, removing all system attributes from such documents, changing the folder names from which such documents have

been removed, removing name and location information from files folders and document, turning of all communications protocols including those not utilized as the primary way in which a device used or communicated, changing numbers or systems name, using firewalls that impede any application that is not specifically known and understood, turning of location and telemetry unless these are being utilized because location can be ascertained on devices using communications pathways using other capabilities other than the location feature, and deactivating applications, websites, along with removal of particularly large amounts of information in contacts on devices and in websites.

- 78) During an emergency it is possible to use durable, flexible material, or thick material otherwise to systemically cover the upper back, upper frontal areas, front of neck, back of neck, back of head, circumference of head, top of head, ears, eyes, covering nostrils loosely to prevent direct access to the brain, cheek bones, spine temple, front or forehead, and the area in which pathology may exists, followed by persisting such protection when a difference to a health status occurs. These are because EMF supplies a foundational level of swelling, NOS2, phospholipase D, phosphatidylcholine specific phospholipase/phosphodiesterase, and enhanced potential for reactive molecular species cascade along with potential for uncoupling NOS2 which are all aspects of advanced impairment and advanced impair health statuses, including sudden adverse health events, sudden adverse behavior and perioperative complications. The objective of EMT protection is to improve outcomes, regardless of how any one factor such as EMF may be merely participative in moving methylene bridge cysteine to be above 6 or 7 um/L.
- 79) Complete physiological EMF protection including durable EMF protection for soft tissue areas and for durable areas which can perform look antennae for EMF.
- 80) Phosphatidylcholine and 2 palmitoyl phosphatidylcholine to support O<sub>2</sub>/CO<sub>2</sub> exchange, while cdp choline pathway nonspecifically enriched choline can assist in xenobiotic response at two instances during development and transitioning to physiological independence in early development.
- 81) Micronised meat, chicken, eggs and fish can substantially prevent accumulation in nutritional processing biological compartments, preventing particular amines from being reduced to produce the most potential causal factor for sudden adverse outcomes
- 82) Choline kinase alpha regulation to prevent endocytosed choline from being directed at too high levels through the cdp – Choline pathway which is linked to nonresolution cytokine signaling
- 83) Resolution phase cytokines which conclude acute phase and generate homeostasis, including neuroprostanes and J S Resolvins.
- 84) Cholesterol Supplementation, omega-3 or omega-3 and Omega – 9 together as a ¼ ratio compared to Omega-6. That is, other omega fatty acids versions as 1 part compared to an omega-6 level of 3 parts, aggregately as 4 parts together. Should include therapy to reduce reactive molecular species.
- 85) Disruptors of the 26s, 20s and 19s proteosome particles to prevent linked upregulation with cdp-choline pathway, preventing excess mitophagy which subverts optimal mitochondrial potential, subverts PINK1 optimal placement to enable PINK1 to phosphorylate Parkin in the outer mitochondrial membrane instead of placement otherwise, , forcing autophagy instead and thereby stabilizing the mitochondrial associated membrane in which PEMT2 functions as a regulator of development and enabler of capacitance.
- 86) Active Hexose Correlated Compound for microbial afflictions that lead to advanced conditions, proliferative conditions, and conditions known as latent, particular latent disease. The therapies for HPV presented here and possible those for HIV, each may be applicable diverse array of conditions involving viral vectors. Active hexose correlated compound, curcumin, berberine, g quadruplex stabilization, and other therapies used for conditions such as HIV, HPV, HCV and others may be useful although generally, therapies for different microbes may typically be specific to particular microbes or particular groups of microbes. There are now very effective therapies for managing HIV while experimental eradication in 1998, and in vivo small nonhuman eradication using CRISPR has occurred, G quadruplex stabilization, SP1 downregulation and AP1 downregulation with curcumin and berberine or SP1/AP1 downregulation with therapies, along with CRISPR, active hexose correlated compound and other capabilities, potentiate customization of therapies to promote eradication.
- 87) Importantly, the literature now specifically presents the Active Hexose Correlated Compound is indicated for not only HCV, HIV and HPV, but viruses generally including common viral vectors. These include the potential of eradication of HCV, HIV, HPV and other viruses when including AHCC (and its adenosine ) and choline kinase inhibitor, SP1 inhibitor and curcumin, AP1 inhibitor and berberine, INOS inhibitor and



LNAME/Circumin/Berberine/other. A specific downregulator of Methylene Bridge Cysteine such as Enlyte/EnlyteRX and All Trans Retinoic Acid and s-methylmethionine sulfonium, trimethylglycine, Complete B vitamin with methylcobalamin, 6s-5678 tetrahydrofolate, and methylsulphonyl methane, Zinc, Glutathione. Potassium or K<sup>+</sup> is strongly recommended because it stabilizes G Quadruplexes. Using these in therapy for HIV, HPV, HCV and other viral vectors have strong potential for benefit, stabilization of status and eradication. Other g quadruplex stabilization factors and other therapies specific for viral conditions including HAART therapy, protease inhibitors nucleic acid therapies and others exists also. The recommendations in this specific paragraph focus on why and how latent conditions emerge and primary requirements for any viral vector. CRISPR excision of viral DNA, excision of viral DNA from virus, antisense impedance of viral gene expression and other capabilities also exist. Also, trapping macrophages in the nonacute or subacute phenotype can prevent cycles of reaffliction, such as supplying ornithine which can cause macrophages to increasingly potentiate the nonacute or subacute phenotype. However, AHCC provides adenosine which downregulates choline kinase alpha and downregulates the cdp-choline pathway in which phosphocholine is diminished in availability to prevent phosphocholine from being used to activate TAT transactivating protein. These factors can greatly diminish the worldwide burden of HIV and viral conditions generally. Lecithin supplementation can be beneficial in alleviating pathology generally by enhancing sources of methylene bridges and supplying substrate for PEMT. Some studies observe a late study CD8<sup>+</sup> increase form instrumenting AHCC, correlative to findings that therapy using AHCC can required extended duration instrumentation, suggesting that a wider and more substantial effect occurs correlative to duration of therapy. Information) *Respirology*. Volume 26. Issue S3. Pages 26 to 27. 12<sup>th</sup> Month, 2021. Temporal extensiveness in instrumentation has been an essential factor in enhanced effectiveness of AHCC to viral conditions.

- 88) HCV has numerous therapies that eradicate or may eradicate HCV. Active Hexose Correlated Compound, Berberine, Curcumin, and other factors have not been presented in known studies, although these have potential in pervasive viral conditions. Mavyret, Telaprevir, Boceprevir, IFN, IFN-alpha, Peg-IFN, Peg-IFN alpha, Protease Inhibitors, Ribivarin, SofosBuvir, Velpatasvir, Voxilaprevir. There are numerous other HCV Therpies. One study observed that after hepatectomy, Active Hexose Correlated Compound was protective from recurrence while another study was inconclusive. Other studies observe not only that AHCC did not inhibit versions of CYP450 (3A4, 2C8/2C9 and 2D6, but AHCC specifically caused expression of CYP450 2D6 and AHCC exhibits Adenosine which is known to be a choline kinase alpha downregulator. AHCC should be useful in a diverse or even pervasive group of viral, microbial, and other conditions since upregulation of choline kinase alpha is somewhat ubiquitous factor in pathology and impairment. Adenosine, similarly, is known as a NOS2/iNOS downregulator making it a specific viral and microbial therapy. Information) *Nat Rev Gast and Hepatol*. Volume 19. Pages 533 to 550. 2020. Information. *Nat Rev Drug Discov*. Volume 12. Pages 409 to 411. 2013. Information) *J Soc Integr Oncology*. Volume 6. Number 3. Page 105 to 109. Summer Season, 2008. Information) *Nitrix Oxide*. Volume 40. Pages 75 to 86. 8<sup>th</sup> Month, 31<sup>st</sup> Day, 2014. Information) "Active Hexose Correlated Compound." *Integr 'Oncology' Ther*. Volume 21. 2022.
- 89) Disruptors of S1P receptor, GCPR receptor activator S1P. Disruption of S1P lyase to prevent resistant conditions.
- 90) Therapies and factors utilized in therapy have the potential to increase methylene bridge cysteine. The ancillary effects of therapies may also pervasively involve increases in methylene bridge cysteine. Therapies should be reviewed to ascertain if including numerous methyl groups provide ancillary effects, prevents methylene bridge cysteine increases and improves outcomes. It is also possible to indicate specific methylene bridge cysteine therapy in accompaniment of therapies. Downregulation trimethylaminenoxide may also be essential in assuring optimal outcomes.
- 91) Disruption of Bag1 to depotentiate proteolysis and upregulate autophagy linked to Bag3.
- 92) Downregulating AP1 which is a nonresolution cytokine that depotentiates telomerase to cause telomerase depletion, fusion of chromosomes and exit of afflicted cellular entities from extended mitogenic lineages which promote advanced affliction statuses. SP1 counteracts this feature by upregulating telomerase and causing extended AP1 signaling amid extended afflicted cellular entity lineage proliferation.
- 93) Depotentiation SP1 by stabilizing G quadruplexes and preventing SP1 from upregulating telomerase to sustain g quadruplexes in telomeric repeat regions, thereby preventing g quadruplex destabilization from

causing NOS2, Ca<sup>2+</sup> depletion, also assuring coupled NOS2 function, along with prevented SP1 downregulation of CD4<sup>+</sup>, CD8<sup>+</sup>. Minimizing SP1 also diminished PD1 and PDL1. Downregulation of SP1 and stabilizing of G Quadruplexes prevent impaired or afflicted cellular entities from escaping immunological encounters and immunological intervention.

- 94) Berberine to diminish AP1. Turmeric and Curcumin to diminish SP1. K<sup>+</sup>, TMPyP4, Ellipticine, MM41, Ellipticine, Analog GQC 05 to stabilize G 4 quadruplexes. Telomerase downregulators and ALT alternative lengthening of Telomerase downregulation resect telomeric regions to eradicate G quadruplexes that harbor nonregulation cytokines such as SP1. Stabilization of G Quadruplexes using TMPyP4 and the ellipticine analog GQC-05. CMO3, the telomerase downregulator Tolemestatin although G quadruplex bereft telomeric regions that do not required therapy are optimal, BMSG-SH-3. BRACO=19, Quarfloxin and PDP, all as downregulators of G quadruplex instability, G quadruplex availability and G quadruplex activation.
- 95) CRISPR perfect gene repair assisted by protein transduction domains to assure as efficient availability in all tissues and cellular entities as is possible.
- 96) Supply and exchange of hydride using quantum spin liquid quantum entangled nearest neighbor networks that extend into the 25 angstrom solvation shell.
- 97) Quantum computing circuitry of the solvation/hydration shell out to 25 angstroms from the molecular surface which senses and communicates using protons, hydride and spatial interactions to slow, regulate and change structures to enable regulated molecular interactions.
- 98) Quantum aspects of the solvation/hydration shell which includes transitive exchange to universes level at 30,000 times the velocity of light to extend into the future and into antecedent eras
- 99) PyST protein which integrates with DBC1 causing exit from mitosis and enables DBC1 to be integrated with also by LBK1 correlated with AMPK expression. LBK1 integration with DBC2 correlative to AMPK availability downregulates both AKT1 and downregulates AKT1 activation of TRB3 Tribbles protein. PyST integration into DBC1 prevents DBC1 integration with SIRT, thereby enabling hydridic carriers, redox factors and NAD to occupy SIRT1, depotentiating proliferation because the hydridic cache continues to be able to occupy SIRT instead of being displaced by SIRT in a way that programs methylation, sumoylation, acetylation and other metabolic patterns in physiology, depotentiating mitosis. Thus, because when P53 is impaired, downregulated, downregulated by factors with ankyrin repeats, surmounted, all in a way that causes PEMT impaired cellular entities to move from anaerobic glycolysis to the consensus pathology status known as aerobic glycolysis. Aerobic glycolysis exhibits diminished glycolysis and diminished pentose phosphate pathway activity resultant of injury or downregulated PEMT to protect developmental pathways from becoming aberrant. Anaerobic glycolysis is the exhibition of upregulated glycolysis and impairment of P53 regulatory pathways while PEMT continues to be impaired or downregulated, resulting in depletion of membrane phosphatidylcholine, enriched membrane phosphatidylcholine and phospholipids generally by phospholipases and phosphodiesterases causing the depletion of membrane stored Choline, depletion of the 3 CH<sub>3</sub> molecules in each lead group of phosphatidylcholine, deterioration of ether linked, DHA, Omega-3, Palmitate, Oleoylate and extended length arachidonic acid, all which are resolution participants. Also, depleted CH<sub>3</sub> diminishes the parity of CH<sub>3</sub> to growth enhancing molecules to lattices in membranes and result in diminished stored hydride compared to enhanced levels of hydride exhibited as energy in glycolytic pathways and hydridic factors which may be available or freed to potentiate mitosis along with potentiated upregulation of cdp – choline pathway in which choline kinase alpha attaches atp to free choline to produce phosphocholine. PyST captures cellular entities with phenotypes that escape P53 regulation, thereby destabilizing aerobic glycolysis which is a consensus pathology phenotype except for conditions which are resultant of specifically upregulated molecules most correlated with sudden adverse health events.
- 100) The Translationalwellness Amehsi Specification provides a document set to apply to any adverse health or behavioral status, including injury or impairment. Document 1 of 7 is the foundational specification of biology and what pathology pervasively is consisted of at empirically causal levels. Document 2 of 7 provides additional information for the foundation. Document 3 of 7 presents how to mitigate methylene bridge cysteine. Document 4 of 7 presents tables that present a factor that competes with, impairs, inhibits or otherwise counteracts PEMT, an essential condition in producing methylene bridge cysteine above 6 or 7 um/L, while also presented are natural, pharmacological, alternative and other capabilities which mitigate

the factor that diminishes the effectiveness of PEMT function. Document 5 of 7 presents other factors that are inhibitors of PEMT along with mitigation strategies. Document 6 of 7 presents visualizations and conceptual references for the information presented in the document set. A complete presentation of early, intermediate and focused analysis documents can be found at [translationalwellness.com](http://translationalwellness.com) or [H2e1p.com](http://H2e1p.com) or [H2e1pCH2.com](http://H2e1pCH2.com)

- 101) The translational wellness amehsi conclusively observes that exposure to synthetic nonnatural and even some natural sources of EMF in typical and extreme ranges cause detriment in at least two ways. The incipient way is that these integrate into catalytic actions and catalytic loci where hydridic interactions occur, including across membranes, interstitial areas, endothelial areas and luminal areas, changing the dynamics of catalytical, metabolic, chemokine, and signal transduction. These change physiology, biology, metabolism, perception, cognition, motor function and behavior by changing these electrochemically and changing the molecular factors that comprise these biological functions. Although the change can be ephemeral and can regress to typical, there may be instances where these result in advanced changes that emerge as spontaneous or sustain nuances of pathology. The analysis found that there are instances in which EMF is used therapeutically and this occurs in conditions such as phototherapy along with instrumentation of methylene blue, and together these produce the photoelectric effect that causes electrons to be freed when a particular frequency of light has been instrumented, followed by methylene bridges translating the excited e<sup>-</sup> into structure by moving the excited electrons into physiology, both as a wave function, particle function, energy function and as superposition. The reason that e<sup>-</sup> in photo therapy using methylene blue is different from synthetic electromagnetic influence otherwise is that CH<sub>2</sub> integrates e<sup>-</sup> as e<sup>-</sup> integrated into H1e1p or H2e1p which is hydride, resulting in CH<sub>3</sub> which is a methyl group. The integration of e<sup>-</sup> into Hydrogen changes its nature and results in hydride and hydridic character. EMF is used in therapy also, otherwise, although these often include hermetic application in which detriment is imposed as therapeutic vector to displace structural phase and cause apoptosis or otherwise deteriorate impaired cellular entities or tissue.
- 102) Secondly, EMF displaces electrons when producing or generating electron flow. Thus, electrons are recruited by a generator from the environment, accumulated to produce a gradient, and then flow through circuit, wire or direction. Although the literature is not specific about the effects of displacing electrons, shifts in ions and availability of electrons in a material or structure, including the environment, changes the functions of biological material, material and environmental systems in ways that change hydrologic systems, biological material, nutritional density of foods, and status of populations.
- 103) Generally, EMF exposure, sometimes even if through natural systems, results in luminal monstrosities that constitute impaired unintended nuances of structure, polymerization and impaired plasticity. EMF exposure also can affect luminal areas by causing phosphatidylcholine specific phospholipase/phosphodiesterase, NOS2, and phospholipase D. These result in luminal, local, endothelial and systemic impairment of plasticity, chemokine function, and systemic Ca<sup>2+</sup> flow. The solutions presented are strong inclusion of EMF protection during therapy, care and health maintenance. Solutions include area protection from EMF and atmospheric particular in areas inclusively, but particularly in areas where adverse outcomes at behavioral and physiological levels are increased. Cleaning of air, education, insulating all electromagnetic energy transmittal pathways, and insulating all electromagnetic energy devices, particularly generators and transformers which should be encapsulated completely within electron dense, electron labile, but nonEMF condition enclosures.
- 104) Foundationally, pathology is regarded as an event, factor, or influence that assists, causes or completes downregulation of PEMT, upregulation of methylene bridge cysteine, diminishes density of cellular entities per micrometer of tissue, impairs mitochondrial capacitance or potential, along with diminishing the number of CH<sub>3</sub> methyl groups in cellular membranes compared to factors that must be counteracted by methyl groups such as toxic factors, leading to edging of expanding structural lattices, and unbalanced or uncounteracted methylene bridges, particularly when these result in methylene bridge cysteine above 6 μm/L. Particularly these include diminished stored CH<sub>3</sub> as phosphatidylcholine, diminished stored choline as acetylcholine, upregulated cdp choline pathway and upregulated choline kinase alpha and its production of phosphocholine. Essentially, diminished stored CH<sub>3</sub> as enriched phosphatidylcholine diminishes hydridic effect quantum, angular and spooky dynamics that enable resolution of nonresolution phase and enable aspects of biology to supersede typical boundaries of typical chemistry and typical physics.

- 105) Sources of EMF are enhanced by focusing capabilities such as communications capabilities, including nonmobile EMF emitting or electron displacement devices, increase locational competence of EMFs and increase specific individualized competence that result influence competence laterality of utilization. Mobile devices which emit EMF and displace electrons increase enhance this focusing effect by increasing the duration during any period of duration in which locationally competent imposition of synthetic EMF is being imposed.
- 106) “Forever chemicals” are chemicals that integrate into environment, biome and populations in ways that been considered to be persistent, although ways removing these from the biome, aquatic contexts, food supply, and physiology have emerged. PFAS are among these chemicals and ways of removing these from the atmosphere, water and environment have emerged and are being implemented. PFAS involve chlorine and are exhibited in diverse array of consumer cooking, housing, furniture and other factors. Some estimates presented that about 98 percent or more of the environment has become affected by these factors. Fluorinated factors disrupted the hydration/solvation shell at the most intricate levels of molecular function, affecting the nature hydric exchange that occurs at these levels and how these affect universes level interactions of systems with intricate nuances of biology. Fluorine, like chlorine, also causes expression of NOS2. NOS2 is a potent downregulator of PEMT function and contributes aggregate methylene bridge cysteine levels. Although chemicals occur in nature, thus biology expects particulate because particulate is exhibited in nuances of biology that are considered to have been exhibited in the most ancient contexts, the levels of such exhibition and configuration of such factors seems to impose different influence. Strong therapeutic downregulation of PFAS during therapy, in therapeutic environments, in dwellings or other areas, include areas generally, particularly areas where increased levels of diminished outcomes occur, is recommended. There are other versions of forever chemicals other than PFAS.
- 107) Systems, including directories, applications, internet web sites, databases, paper lists, sales systems, medical systems, other systems used in civilizations, all aggregately and cumulatively increase exposure to EMF, although spatial influences can be included in such interactions also. The EMF exposure levels can increase correlatively to how much information about individuals or populations is being maintained, in database, being utilized in active running processes or is available through any pathway connected to internetworks. Thus, addresses, email addresses, mobile device numbers, names of mobile devices, communications numbers, names, specific details about individuals, experience information about individuals, and similar information, all increase not only the potential for statistical outcomes to be confirmed through such vectors of influence, but also cause recidivism among particular groups in ways that confirm statistical observations and confirm cognitively derived correlations that are confirmed because of inadequate understanding and because cursory level understanding of data leads to inaccurate conclusions. Pervasively, outcomes in some civilizations exhibit disparities accorded to certain characteristics, although such characteristics such as level of absorption of synthetic and natural EMF are different according to particular characteristics. Because EMF has been inadequately considered in health and behavior, diverse systems exhibit diminished outcomes beginning in development within a gestational carrier, among gestational carriers, during emerging from gestational status, development and achievement, all of which can be being socially, culturally, systemically, and otherwise confirmed, Some of such outcomes, such as risk during emerging from gestation being linked to particular cursory characteristics, are somewhat completely mitigated when other individuals of similar characteristics are providing service, such that EMF is being absorbed by those providing service to allow relief from such influence being imposed during emerging from gestational status. Also, because workers in systems exhibit, sometimes, clothing that has characteristics which, too, result in increased absorption of EMF, diminished outcomes too have been observed among system workers and, unfortunately, systems have been increasingly mitigating the immunity experienced or expected by system workers instead of increasing the level of understanding exhibited among nonsystem workers. These have resulted in diminishing the ability of systems to promote productive and beneficent change among its workers and populations affected by such systems.
- 108) There may be debate as to if EMF and Particulate are of detriment to physiology and behavior. However, there is not reasonable debate regarding if improving EMF and particular exposure improves health, mostly because improving these assists PEMT function, downregulates methylene bridge cysteine, and

downregulates cytokines that compete with, impair or counteract PEMT.

- 109) The levels of atmospheric and aquatic particulate, also, amplifying and sometimes confounding populations characteristics, in particular areas, also emerge as correlated with physiological and behavioral outcomes. Atmospheric particulate increases are also correlated with increased diminished outcomes, both at behavioral and physiological levels. The types of impairment observed in these contexts include gestational deterioration of neurological centers, impaired conditioning, impaired control, impaired recall of conditioned response, impaired blocking as aspect of conditioning, impaired ability to apply conditioned responses in new context, deterioration of aspects neurological which perform control, diminished memory, diminished movement coordination, diminished performance on cognitive tests and assay, displacement of endogenous cognitive capacitance by EMF/Particulate and other factors including methylene bridge cysteine levels, cortisol levels from stressors that largely do not occur in nature, although other factors in this context exist. Because some civilizations exhibit countless social constructs, decisions, and perspectives that consider it to be acceptable to allow, promote or cause disparities in outcomes according to status or characteristics in populations, a status quo has, in other eras, been imposed and sustained through systems of precedent, presumed disparity, and unproductive perspective which consider such disparity as having been intended to occur. Recent decisions, similarly, have diminished the ability of counteracting programs and agenda which were intended to alleviate these controls which systemically and systemically impose disparities, such that these decisions not only reimposed and release controls and perspectives that have long since faded from population level prevalence but persist in countless motives, wording, or hidden agendas that exist in ways that influences populations today. Considerable aspects of diminished outcomes continue to occur unnecessarily, in this context, integrally as a result of the continued exhibition of diminished and unproductive perspective woven into the motives, hidden agendas, psyche, wording, disparities in programs, projects and investments exhibited in the function of systems. Often, populations are misguided because the investments in areas where disparities exist and among populations where disparities are increased, all are very visible and redistributive in a way that makes those without disparity inaccurately perceive that they are receiving less priority than populations with increased disparity. However, populations without such disparities typically receive benefits of more aggregate value in programs that are not often scrutinized, not often publicized, include land, lakes, rivers, parks, bridges, entitlements and other benefits, much of which are excluded from areas of disparity because of an obvious juxtaposition of focusing on cursory characteristics in areas where disparities affecting physiology and behavior might go unchallenged.
- 110) It cannot be presumed that merely by assuring more representative characteristics among workers in system, there is an assured mitigation of disparity resultant of systems, particularly because the status quo among human outcomes have been produced by thousands of years or hundreds of years of decisions, systemic experience, and other influences that can be subtle if at all ascertainable consciously. Importantly, influences can be foundational and can obfuscate connection logically, cognitively and functionally with nature, such as the requirement to purchase water which obfuscates hydridic resources and integration of these into physiology and cognition, while a strong intermediation of financial instruments emerges which explains a substantial aspect of complex behavior and including diminished outcomes. Certainly, human social interaction produce when conducting vital being in community among one another, is intended to elute inadequacies, requirements, information, intangible factors disjoint temporally in disjoint in observability, all into consideration for human understanding. Relevantly, social mechanisms intended to diminish disparities which have been produce on other eras and which may now be being impugned, presents an important paradigm. Such a paradigm can be compared to how medical procedures empirically are utilized because a disease, impaired or inadequate disposition exists, while such medical procedures optimally are not implemented for the sake of implementing medical procedures. Correlatively, programs or mechanisms that select particular groups experiencing disparities in outcomes for improved or enhanced access or representation, each are implemented not for the sake of providing advantage to such protected groups. Instead such programs are implemented because disparities may exist and the most effective way to diminishing such disparities is to enhance access or representation among the protected group which may be experiencing such disparity. Regardless of if the causalities are debated or are idiopathic, it is the disease, disposition, or disparity which speaks for itself. "Res ipsa loquitur."
- 111) Observationally precise is the assertion that every system of civilization exhibits byproducts or ancillary

effects which may be of suboptimal influence to behavior, health or achievement of human requirements and social requirements. The systems which are popularly indicated as being of the most cause to diminished outcomes seem to be merely more obvious or to have disparities that are may be more visible among groups or cohorts, although often volume of diminished outcomes may be disparate from percentages of such outcomes. The nature of these seem to be a product of the path toward increasing knowledge, awareness, understanding and a requirement to produce solutions that are increasingly empirical and increasingly devoid of disparity. Although, pervasively, disparities result when solutions to assuring human welfare and social welfare act at levels that are unempirical or are the result of conditions that cause factional separation of humanity which prevents open, absolute and clear agreement that human priority and vital being assurance are both imperative objectives for civilizations. Regardless of how accurate observations may be about diminished outcomes, because what human's experience is an important aspect of civilizations impetus to assure Human welfare and social welfare, such that these are not intended to be diminished by this compendium of research, it is the disjoint and empirical causalities which are pervasively the most deterministic and represent the most opportunity to prevent diminished outcomes from occurring.

- 112) A most optimal way to consider this paradox is to understand that pervasively, affects products by influences, products, services and systems, ultimately, do so by contributing to downregulated PEMT and upregulated methylene bridge cysteine, suggesting that all such factors produce patterns that potentiate diminished outcomes as aggregate accumulating influence that increases methylene bridge cysteine. It is interesting that even in modernity, that the modality through which multiple factors contributed to diminished outcomes has been debated. Certainly, when the affect of factors to human health are analyzed, often, a systems perspective of aggregate influence has not always been prioritized, resulting in inadequate consideration of how factors produce outcomes in multiplicity. Because such factors and influences produce outcomes typically through aggregate changes to cytokines, downregulate of PEMT and increases in methylene bridge cysteine, systems, product, services, organizations and influences should be considered as opportunities which can be mitigated not because of causality, but, instead, because of an awareness the contribution to this burden of methylene bridge cysteine upregulation by many factors. Climatology, interestingly, is somewhat precisely homologous to this context when considering carbon credits, such that even the production of food, transportation of essential products and services and providing of essential services can involve contribution of factors that are of detriment to the environment and of detriment to climate.
- 113) The most important observation is that systems, even democratic systems, of a republic often overly represent majority populations because social constructs and decisions can often be binary, becoming selected for implementation or not selected for implementation. Diverse interests which are not consistent with such social construct or decisions become excluded. However, a republic requires that all interests in democracy become represented in the implementation and completed version of any decision or social construct implementation. Correlatively, any system that allows particular groups to be systematically and systemically scapegoated, to be subjected to social constructs and decisions of other eras in which diminished outcomes were intended to be produced, continue to use such social constructs and decisions in deliberations regarding outcomes and newly synthesized decisions and social constructs, is a loose cannon, that can be commandeered and imposed against any nuances of populations, democracy or republic, such that it is only a factor of duration in which such a system to become change to the detriment the faction controlling outcomes in such a system in a preceding era, to the detriment of populations generally and to the detriment, even, of humanity itself.
- 114) Systems are learning to be the controllers of systems and by dividing humanity into groups, prevents humanity from consensus prioritization of itself and its shared requirements for continued exhibition among the Universes. It was decades before this analysis during an era when integrated imposition of diminished outcomes was the status quo that an important decision was hinged upon the observation of a diverse group of developing humans. The group of humans were being asked by an important institution of democracy to correlate expected outcomes, diminished or optimal, with figurines depicting different groups among civilization. The figurines with characteristics affected most by EMF from an EMF absorption perspective linked to increased inhibition of PEMT, increased methylene bridge cysteine, increased NOS2, increased +phosphatidylcholine specific phospholipase/diesterase, and phospholipase D,

including increased exhibition of these factors in the lumen, all were selected as being most correlated with diminished behavior and diminished outcomes generally. EMF also results in welling of the endothelial areas and promotes susceptibility to uncoupling of NOS, increasing the potential for Superoxide, H<sub>2</sub>O<sub>2</sub>, peroxynitrite, Hypochlorite and the most pervasively exhibited causal factors to adverse health events, including sudden adverse health events, perioperative complications and deterioration of import pathways enabled flow of essential circulatory fluids. Importantly, even those who exhibited similar characteristics to the figurines that were most correlated with diminished outcomes also selected the figurines most like themselves as being most correlated with diminished outcomes. The clear observation was that systemically and systematically, outcomes among civilizations were being programmed not only according to cursory characteristics, but social status, economic status, achievement, perspective of oneself, and cognitive, social and other influences, including nuances of social constructs and decisions were being used to program outcomes in a way that confirmed hidden agenda, unproductive psyche and conjured influences of these from preceding eras.

- 115) Methylene bridge adequacy information is presented in this information. "NOPE1, NOPE2, 1-palmitoyl-2-oleoyl-phosphatidylethanolamine, NAPE, anandamide and other n-acyl ethanolamines including PEA, OEA, NAE, AEA, DHEA/synaptamide/n-docosahexaenoylethanolamine, n-acetylethanolamine, n-palmitoylethanolamine, n-oleoylethanolamine, n-arachidonoylethanolamine, all are molecules used in therapy for a diverse group of conditions, diseases and behaviors. Information. "anandamide." Progress in Lipids Research. Volume 2022. Article 101194. 9th month, 20th day, 2022. " Phosphatidylethanolamine is useful in this regard, and the increase in methylene bridge cysteine produced by upregulation of PEMT using phosphatidylethanolamine as a substrate does not seem to be linked with increased risk in the literature, presumably because methylene bridge cysteine produced by PEMT is quantum entangled with pathways that recycle or deteriorate methylene bridge cysteine. Phosphatidylethanolamine supplementation represses appetite because a major impetus for ingestion of nutritional factors is obtainment of new, undeteriorated methylene bridges, while phototherapy most likely is paired with methylene blue instrumentation because the phototherapy provides excited electrons through the photoelectric effect, which can be sequestered by methylene bridges or, interestingly, may spontaneously traverse methylene bridges resultant of excitation. The literature also observes that RNA and DNA impairment of polymorphism may involved inadequate exhibition of nucleotides and inadequate methylene bridges to polymerize DNA or polymerize RNA.
- 116) HPV Specific Oncology and Latent Viral Conditions, including those associated with oncology or latent disease "Active hexose correlated compound is known to activate the hexose monophosphate shunt and may be a choline kinase inhibitor and is known to have extensive, typical, ability to clear HPV, including clearing of HPV which has emerged into disease or oncology. AHCC exhibits the ability to clear near 65 percent of HPV in extended duration therapy, although dosage may be a factor in both why such duration is required and in less than 100 percent effectiveness particularly because AHCC does typically benefit even those without 100 percent clearance of HPV. the obscure literature and literature that somehow became removed from this research compendium observes a massive benefit from SP1 and AP1 inhibition using curcumin and berberine suggesting that AHCC and other therapies might be included to produce consistent 100 percent clearance, although the important removed information this research compendium observe massive clearance of oncology resultant of HPV and potential diverse group of other viral conditions including latent viral vectors. SP1 downregulation is known to be therapeutic for HPV, and numerous other latent viral conditions, including oncology. AP1 inhibition such as by berberine or otherwise is also known to clear HPV and HPV enabled disease or oncology. Turmeric curcumin inhibits entry of all Hepatitis C variants into human hepatic cellular entities. Basant Polyherbal cream with curcumin, reetha, amla, aloe vera, as well as curcumin alone produce increased rates of clearance of HPV cervical affliction with basant polyherbal cream producing 83 percent clearance compared to placebo 73 percent and curcumin individually producing 81 percent clearance compared to 73 percent placebo. Probiotic usage increases chances of HPV clearance by about 50 percent. Analysis reveals that SP1 is the factor that determines HIV switch from lytic status to latency. This suggest that G4 quadruplexes may exhibit SP1 in numerous or voluminous instances, and latency of viral vectors may pervasively involve either SP1, G4 quadruplex, or other transcriptional factors in G4 Quadruplexes that commandeer L – Arginine and produce this, what might be described as canonical model of latency used by microbes or viruses. Most

importantly, it is known that AP1 inhibition clears some diseases caused by HPV, and enhances or enables clearance of HPV viral vectors, such as in Berberine's ability clear HPV.

- 117) However, pivotally, Active Hexose Correlated Compound has demonstrated clear 40% effectiveness with 1 g and 60% effectiveness with 3 g ability to clear HPV that has already become oncology of cervical tissues. These suggest that increased dosages might be able to achieve 100 percent or extended duration of any such dosage might be linked to near 100 percent effectiveness in eliminated oncology and other disease produced by HPV as well as eliminating HPV affliction. Information. JPEN, J Parenter Enteral Nutr. Volume 31. Number 5. Pages 373 to 380. September and October, 2007. "Methylene Blue instrumentation along with Phototherapy causes massive deterioration and apoptosis among breast oncology tissue bases with considerably less effect to typical cellular entities in tissues. Flat warts may be cleared using Glycolic Acid Lotion, as verified by clinical studies of 100 percent clearance among all patients. Gancyclovir or Acyclovir. Favipiravir. TMPyP4, TRIM22 and BRACO-19, or KCl and NaCl, all may stabilize G quadruplexes and prevent latent viral obfuscation processes from emerging, particularly preventing PD1 and PDL1 from being upregulated, along with preventing CD4+ and CD8+ from being downregulated. Telomestatin is derived from streptomyces and inhibits telomerase, resulting in preventing proliferation of G 4 quadruplexes that can harbor SP1 gene copies as well as TNF or NF kB pathway gene copies. HIV, for instance, was analyzed in the context of TB. Instrumentation of Active Hexose Compound occurred at 3 g for about 6 months, although another study is in place now that reviews 6 g per day dosages. The study did not intend to therapeutically affect HIV but improve TB outcomes and therapeutics toxicity. All clinical symptoms among the HIV/TB group were improved by month 3. There were 0 patients among 35 with cough or hemoptysis. 100 percent of AHCC receiving patients had improvement in breathing depth impairment. 100 percent of AHCC receiving patients had complete recovery of impaired appetite. 96 percent of patients had recovered lost anatomical mass that was diminished during the course of the disease. Nausea was completely abrogated from the group of patients receiving AHCC. Regurgitation was completely abrogated in the group receiving AHCC. Pulmonary structural assay using visualization diagnostics revealed that although improvement occurred in both placebo and AHCC receiving groups, 92 percent of the AHCC group had recovered to typical pulmonary structural characteristics. Information. "AHCC." Teikyo Medical Journal. Volume 44. Issue Number 3.
- 118) SP1 and AP1 oppositely regulated Telomerase, PD1, PDL1, while SP1 diminishes CD4+ and CD8+ an the CDPd while both SP1 and AP1 diminish PEMT along with upregulate the cdp-choline pathway. SP1 is increased in copy number by destabilization of G 4 or G quadruplexes particularly in G quadruplexes within Telomeric regions. Stabilization of G 4 quadruplexes, downregulation of AP1, downregulation of SP1, all enable therapeutic intervention of HPV and latent viral affliction possible in a general or more comprehensive context. Selective or general iNOS NOS2 inhibition alleviates pervasive viral affliction and destabilizes pervasive advanced stages of disease, pathology, oncology and viral or microbial affliction. Photodynamic Therapy using theta aminolaevulinic acid was utilized to eradicate pathogenic oncological lesions in 83 percent of participants, cleared HPV affliction in 80 percent of patients who were exhibiting oncology, regressed 57 percent of patients with oncology. therapeutic or after diagnosis instrumentation of vaccines have been able to produce 100 percent clearance and typical histology in males while also achieving 83 percent clearance and typical histology among females. 180 males and more than 1000 females participated in the study. Interferon also produced 100 percent clearance and typical histology in a population of more than 40 females affected by HPV. EGFR is upregulated in oncology of the cervix and oncology of the breast, including enabling escape of HIV, HPV and PV(myelitis) from protective effects of hnRNP E1 on pathogenic mRNA elongation and translation. Upregulated EGFR, upregulated GSK3B, upregulated ARIH1 and Homocysteine all may be therapeutically inhibited to improve outcomes in oncology of breast and oncology of cervix, including HPV enabled oncology as well as HIV, and PV(Myelitis). EFGR and HER1 are refer to the same status or protein. Curcumin or turmeric, Genestein, both inhibit EGFR and HER1. Olertinib, Osimertinib, neratinib, gefitinib, cetuximab, dacomitinib, panitumumab, lapatinib, necitumumab, mobocertinib, and vandetanib are all inhibitors of EGFR approved by the FDA for utilization. Afatonib or gilotrif ss approved for EGFR genetic polymorphism L861Q, S7681 and G719X. Afatonib is approved for NSCLC oncology specifically, but is an EGFR inhibitor. Afatonib is also approved for EGFR genetic polymorphism comprised of exon 19 substitutions and exon 21 L858R substitutions, as well as for mesenchymal transition characterized,



squamous, NSCLC oncology in which therapy with platinum enabled chemotherapy becomes ineffective. Information. Oncology Letters. Volume 22. Issue 3. Published Article Number 646. September, 2021. July, 2021. Information. "Natural Products that Inhibit." Curr Oncol. Volume 13. Number 3. Pages 99 to 107. 6th Month, 2006. PMC1891180"

- 119) Important contexts which strongly amplify the importance of the observations in this analysis were that the Emancipation Proclamation excluded particular parameters of its requirements from those experiencing deprivation of liberty, result in a casting of involuntary servitude into sustainment through exhibition of proliferation of systems which deprive liberty. Somewhat correlative to the Emancipation Proclamation the implementation of electromagnetic energy distribution infrastructure and substations began to emerge in civilizations, resulting in changes to population level health and behavior outcomes that were very, very difficult to be observable. Beginning in the 1950s, changes in electricity production each year also exhibited near 99% inverse correlation with changes rates of discontinued being each year, until about 2009 when the 2005 digital communications act changed characteristics of EMF emissions in a way that changed this correlation of yearly change in electricity production to be near 99 percent in positive correlation with changes in rates of discontinued vital being each year. The important conclusion is that statistics on outcomes among populations were ignored regarding how strongly and obviously these are correlated and affected by exhibition and change of EMF production in civilizations. Similarly, since involuntary servitude, irrespective of comparative percentages toward particular characteristic groups, was not relegated to only one group being impaired by such an abhorrible institution, and since ownership of others was exhibited by those characteristic groups typically regarding as being the most detrimental affected by involuntary servitude, more advanced perspectives are essential in representing this phenomenon.
- 120) The literature observes clear instances which ownership of others was linked to difficult decisions to avoid destituteness in an environment in which civilization had not focused itself to organize cooperative production, distribution, and assured obtainment of nutrition, clean water, housing, transportation, care and other protective mechanisms, such that imposition of involuntary servitude by one characteristics group upon others of the same characteristic group, clearly presents that involuntary servitude was a way to navigate the diminished potentialities of a wilderness of social welfare, social requirement and human requirements. Thus, life, liberty and pursuit of Happiness, fundamentally, emerged in this context as important adjudicatively determine priorities so much linked to such multiplicity regarding involuntary servitude. So much is involuntary servitude foundationally an economic response to a social welfare wilderness that a Declaration of Independence of founding document of a most pragmatic democratic republic incipiently presented separation from the promotion of Involuntary Servitude as primary reason for such declaration which also presented Life, Liberty and Pursuit of Happiness as other such impetuses for such a separation.
- 121) The civilization from which declaration was declared, itself, financed the abrogation of involuntary servitude by purchasing away the ability of entity to impose involuntary servitude using an amount that was not fully paid and satisfied until the 2000s. although such Declaration of Independence was rewritten to exclude requirement of abrogation of involuntary servitude, the personal preferences and activities of those participating in such Declaration clearly presented, surprisingly more prevalently than popular opinion seems willing to open acknowledged, a preference to be integrated with, interactive with characteristic groups that would become more disintegrated and separated from in the 1.6 centuries which were to follow. The observation that systems had more to gain by falsely presenting to particular groups that particular characteristic groups were inferior than were represented the actual reasons of inferiority philosophy which were to obscure the economic reason for which involuntary servitude emerge in a context of inadequate social welfare policy and inadequate organization of civilizations to focus on social welfare, human requirements, social requirements, behavioral requirements and social requirements. Thus, systems produced contexts in which Humanity became divided among characteristics groups to obscure the pervasively economic basis for involuntary servitude, complicated clearly concluding such economic basis as civilizations developed to exhibit human priority and social welfare, and sustain division among humanity by causing sustaining of false ideology even when these were obviously flawed, thereby beguiling human populations to be unable to exhibit consensus priority for itself in systemic actions and outcomes. The result became a controlling and sustaining influence of systems upon human outcomes in

ways that sustain detrimental nuances of the status quo and prevents humans from prioritizing absolute human priority among its systems and outcomes.

- 122) The reasons that humans separate themselves from one another and the mechanisms through which capacity is diminished to cause humans to deprioritize one another in numerous ways, are the result of systems and systematic division being promoted by Humanity, particularly as an inherent propensity for all systems of the Universe to prioritize themselves over any other system, over incipient circumstance, over incipient utility and over humanity. Also systems which allow a social welfare wilderness to persist in which any gap in obtaining social, Human, behavioral and physiological requirements exists, results in factional activity with hidden agendas, hidden priorities, integration of such priorities and agendas in social constructs, decisions, routines, and procedure, all which have an intent to relegate the benefits or increasingly allow obtaining of benefits of a civilization by a particular group or faction.
- 123) Consideration of other contexts is particularly revealing. Particular artifacts that are specifically produced to enable diminished outcomes to be imposed among populations, all have a considerable economic impetus for being produced and distributed, while these artifacts masquerade as a manner of expressing allowances at the foundational documents of particular civilizations. Interestingly, these artifacts are a most exhibited modality of counteracting and diminishing Life, Liberty and the Pursuit of Happiness, while also, civilizations that do not allow such artifacts export massive levels of these factors into other civilizations where these are having a devastating affect to safety, wellbeing, liberty and other essentialities. Similarly economic reasons are pervasively the empirical causality or reason why most factors which produce diminished outcomes, including impairment and including those factors which are specifically prohibited. Most importantly, even stable, wealth and extremely wealthy aspects of populations experience wildernesses in dwindling nutritional density of foods, water quality, air quality, EMF exposure, particulate exposure, and access to care in which there is no specific intent or objective to manage methylene bridge cysteine to 3.7 um/L. Because one has an extremely expensive fur coat in a forest, does not suggest that one is not in a forest or a 'wilderness.'. Specifically, system workers have substantially increased risk from the allowed distribution of artifacts that are specifically produced to impart diminished outcomes, while in some instance procedures and social constructs have required system workers to ignore such risks amid a context when such artifacts have not been diminished in exhibition or distribution. Pervasively, diminished outcomes in civilizations occur correlative to inadequate eradication of human welfare wildernesses, social welfare wildernesses and economic wildernesses, including those which civilizations have an empirical, incipient, primary impetus to resolve. Psychoses produced by introducing exorbitant requirements, exclusions, membership or other impedance to obtaining not only factors that provide satisfaction of the Human condition, social condition, behavioral condition and physiological condition, but which also prevent access to resources which are exhibited freely in nature, all have foundationally change Humans to exhibit the outcomes being observed in civilizations. Particular groups and particular areas exhibit varying opportunity, exclusions and other nuance which changes how response to these nuances of wildernesses. Particular contexts also exhibit where groups have had diminished their bona fide expression of such responses in way that are accepted by civilization and these populations sometimes are correlated with increased expression of economic attainment in ways that are not accepted by civilization. System workers, also, have a propensity to be compensated at levels that strongly counteract repeated exposure to diminished conditions, diminished contexts or areas, diminished outcomes, diminished health statuses, and disrupted nuances of being otherwise, clearly presenting that system workers may also be being affected by human welfare wildernesses, social welfare wildernesses and economic welfare wildernesses in multiplicity. Some of these nuances of wilderness are complex and involve remuneration requirements for training, education, mitigation of risk, or other nuance. Civilizations have an individual and shared interest in assuring Human welfare, social welfare and economic welfare, although the economic aspect is introduced by the way in which civilizations are structured to focus on economics as intermediary of obtaining resources and satisfying human and social requirements. Optimally, civilizations might collaboratively produce a list of factors that are essential and produce stable productive human outcomes, and link these as KPIs and objectives that guide how resources, funds, trade, investment, development and programs are managed, including individual characteristics in this regard for each civilization. Observation and continuous improvement of these can be implemented in a way that allows civilizations to include in their objectives and priorities a focus on the

incipient and empirical impetus for civilizations. Eradicating human welfare wildernesses, social welfare wildernesses and economic wildernesses are as essential in demystifying complex human outcomes and response to inadequacy as assurance of forests, wilderness, foliage and plantae are to the biome.

- 124) Any system, organization, process, or procedure that involves diminished outcomes cannot have any objective, revenue objective, budget, KPI, merit, or quota that involves, requires or benefits from exhibition of diminished outcomes. This recommendation prevents such nuances of systems and organizations from having incentive to not empirically resolve causal factors of diminished outcomes and prevents systems from allowing continued exhibition, enhancing exhibition or enabling exhibition of diminished outcomes. Thus, compensation should be uncoupled from diminished outcomes and coupled with beneficial outcomes among workers, systems workers and populations. Thus, compensation and worker levels should be generated utilizing acuity analysis. Any incentive or merit compensation must only involve optimal outcomes or achievement of objectives not linked to diminished outcomes. These can include downregulation of diminished outcomes among workers and downregulation of diminished outcomes among populations affected by workers, although more specific objectives are also possible.
- 125) This analysis is intended to assure that civilizations, populations, workers and system workers are appreciated and their ability to express productive, beneficent and useful information and experience become integrated into continuous improvement of civilizations.
- 126) There are important reasons why this concluding information is presented as a care document. Human span of influence has now moved beyond the heliosphere and is in interstellar space. Human influence then is able to inform and affect the Universe in a way that modifies the incipient favor which enabled or allowed exhibition of life, a biome and humanity to emerge, persist and be sustained. Allowing inadequate satisfaction of Human, Social, behavioral and physiological requirements, including allowing or causing to occur diminished Human outcomes, regardless of this is focused on particular groups, informs the Universe of human deprioritization. This deprioritization then may be reflected in how the universes influence, shape and affect humans at the Universe, galaxy, solar system, planetary, Biome, and systems of the biome level. During the most tumultuous events in the Human experience, particularly those with massive detriment to beings, there were also correlated tumultuous events in interstellar systems. The massive interactions of physiology, biology, perception, cognition, behavior and expression, seem to command the Universe to cry out in exasperation in coordination with such massive diminished outcomes. Although this might seem improbable, these were confirmed by a moratorium between 1972 and 1976 that prevented abatement of being as a sanction. During this period, at its conclusion, rates of abated being decreased by 20,000 but was on a trend toward 100,000 in four more years and was on a trend toward 1,000,000 or more in another 4 years. Likewise, mishaps in transportation of particular modalities decreased by 75%. Likewise, detrimental outcomes among particular system workers decreased to levels exhibited two decades earlier. The moratorium, however, was concluded when deliberations observed that it was not necessary for a sanction or social construct to be deterrent, to be effective at preventing a sanctioned outcome, to not have massive collateral detrimental effect, to not have massive generational detriment effect, and also it was not required that social construct or sanction not merely cause increased exhibition of outcomes for which the sanction might be applied, regardless of these exclusivities seemed irrational or not. A review of the data observed that each time such a sanction that concludes vital being had been implemented, the aggregate cost was nearly 100 million dollars in some instances, suggesting, again, that economics, similarly to involuntary servitude, had resulted systems informing the universes of deprioritized vital being, along with the solar system, planet, biome and systems of the biome also being informed of deprioritization of vital being. Mostly, these suggest that social constructs have to consider the primary, secondary, tertiary, quaternary and other ancillary effects, including collateral, generational, and universes level effects. These present how and why social ideology, political ideology can generate opinion that is irrational, and can circumvent the primary impetus for civilization which is assured relief from Social and Human welfare wildernesses. However, when it comes to decisions, social constructs, procedure, and other algorithms that guide or inform outcomes, what truly is important is data, correlates, mechanistic links, duplicities, multiplicities, most empirical causalities, alleviation of such causalities, planning, experience of resolution strategies, implementation, monitoring of effect of implementation, key performance indicator satisfaction, continuous improvement, changes in outcomes, prevention of collaterally detrimental effect, and prevention of generational detrimental effect. The data suggests that allowing benefit to be obtained from

any diminished outcome, including merit, objectives, revenue objectives, remuneration, or other ways of benefiting from diminished statuses or outcomes comprises an essential central perspective of a detrimental aspect of the status quo. Detrimental aspects of the status quo are any decisions, social constructs, sanctions, algorithms, procedure or routine which systematically enabled, sustain, or produce diminished outcomes, particularly generational, collateral or other outcomes that enable, sustain or constitute social welfare wildernesses and human welfare wildernesses.

- 127) Outcomes, among civilizations, thus, might be observed as incompletely adjudicated groups of statuses, environmental conditions, conditions imposed by civilizations and conditions that do not exist in nature or are differently exhibited in nature, all of which are influenced by social constructs, decisions, and sanctions which typically have not intent to prevent the outcomes. Instead, social constructs, decisions and sanctions may most affectively be acknowledged as modalities of convincing populations that such outcomes are inherent to populations or are inherent to particular groups among populations, while attribution of such causality enculturates division, inaccurate perspectives, unproductive psyche, stereotypes, cycles, and trap that allow benefit to be obtained, wealth distributed, merit to be achieved, objectives to be formulated and attained from allowing, enhancing, causing or sustaining exhibition of such outcomes. Importantly, attributing causality for nonoptimal outcomes to individuals escapes requiring systems or systemic processes from ascertaining empirical, incipient and most influential causal susceptibilities, influences, impairments, contexts, and conditions, particularly including exclusion of these factors which civilizations were intended to alleviate, prevent or intervene. Thus, detrimental nuances of the status quo include acquiring capable workers, exposing workers over and over again to diverse group of outcomes and conditions which civilization was intended to prevent, imposing social constructs, procedures or intervention outcomes which have not intent to actually prevent, alleviate or with human priority intervene such outcomes. Thus, by systematically challenging empirical analysis, causalities, solutions, resolution and prevention through exposure over and over again to such outcomes that are synthesized or allowed to occur in systems, system workers, also, when experiencing detrimental outcomes are having causality attributed to them in a way that prevents the systems from improving, from acknowledging or even exploring incipient or empirical causality, therefore making workers and those affected by systems otherwise dispensable to the priority of systems. Perhaps the most incipient path of experiential understanding for any system worker is that merely by being a worker in system, they are standing in the way of systems having even more complete ability to impose priority over humans, solutions and social construct in place may have no intent to exhibit human priority or resolve and prevent diminished outcomes, and that there may be no requirement for any system to accept responsibility for continuous improvement in selecting those workers, those procedures, those social constructs, those sanctions, those programs, those interventions that are deterrents to, preventers of, alleviators of, or optimal interventions into diminished outcomes. Although systems are important nuances through which populations produce improvements, productive change, and sustainment of populations, priorities, and civilizations, great people who understanding and can manage effectively nuances of programs, systems and outcomes, are the determinants of great civilizations.
- 128) Social constructs that benefit protected groups among populations are important, because any particular characteristics group might find itself a member of multiple protect groups among the population in this regard. Also, because the countless factors through which diminished outcomes are enabled to occur or are sustained, continue to exist, regardless of if procedural aspects of systems allow or do not allow introduction of science, biology, physics which compellingly presents theses as shaping, mitigating, causal, or empirically causal factors. Preventing the diminished opportunity among nonspecifically protected groups through abrogation of benefits linked to being among a protective group, clearly suggests that the disparities that are known to exist among populations are inherently exhibited by such populations. This represents complicity in systematically imposing, sustaining, and enhancing disparities in opportunity, achievement, outcomes, cognition, health and behavior between groups which have been established and might require improved establishing as protected groups. Clearly, these disparities have produced centuries of diminished development, achievement, productivity and improvement to civilizations that are beginning to be observed as particular civilizations which were and are the most innovative and pragmatic are being required by competitive contexts to be able to shake off the encumbrances of falsely objective ideology and shake off philosophical irrationality in which clearly logically inadequate conclusions that are

anathema to reason, biology, science, physics and which data masquerade as premises to decisions. Supplanting such masquerade are emerging abilities to prioritize presentation of human outcomes, quality of being, duration of being, inclusion, opportunity, social welfare, human welfare and the environment integrally. Such integral prioritization of humanity and the context among the universes which sustains humanity, seems most correlative to humanity being selected as the culminating achievement of the creative forces of the known Universes in a way that suggests humans may have always intended to become, to be and to perform exceptionally as proponents, assurers and carers for Universes.

- 129) Importantly, because, empirically, human outcomes, perception, cognition and behavior, pervasively, is most potentiated by empirical causalities outside of any individual human, does not suggest that the outcomes experienced by humans do not exist, even if such outcomes were not intended to occur. Programs must acknowledge outcomes as they may occur. Social constructs must utilize the translation of social welfare wildernesses and human welfare wildernesses as outcomes to implement factors and influences which most empirically focus on causalities and also promote stability, protection, safety, and access to opportunity. Particularly, these include the silver frame of systems being utilized to assure the golden apple priorities of Life, Liberty and Pursuit of Happiness. Thus, a most efficient translation of this role in civilization is the application of resources differently and specifically to each individual to assist them in obtaining assured Life, Liberty and Pursuit of Happiness, differing from equal protection concepts in that equal protection concepts can involve deprivation of Liberty and the conditions or outcomes which potentiate deprivation of liberty are pervasively integrally caused by social welfare wildernesses, human welfare wilderness, deterioration of the neurological basis of social behavior, educational wildernesses, disparity and even allowed benefit to be obtained from exhibition of diminished human outcomes. Diminished outcomes and disparity seem to be a byproduct of civilizations, particularly underdeveloped nuances of causality, resolution and empirical causality, correlative to EMF and its production of substantial byproduct or ancillary effects. Such effects, regardless of their intent to cause diminished outcomes and regardless of their participation in producing disparate outcomes, are imperatively essential included priority systemic objectives, the social agenda and the institutional agenda. This pattern is consistent with the effect of humans coming to conduct their being in community among one another, such that disparate outcomes elute intangible factors into visibility through disparate outcomes, systematically resulting an iterative adjudicative analysis to derive most empirical, most incipient and most accurate causal factors.
- 130) The context of regenerative repair is useful. Regenerative repair, including regeneration of tissues, regeneration of aspects of anatomy, and scarless wound healing, involve competition with less optimal repair that promotes scar tissue and persistent unresolved conditions, including impairment. The reasons for such competition seem to be an objective of systemic stability being resolved through scar tissue and impairment enabling repair to injury, health conditions or adverse statuses, compared to an objective of regeneration of anatomy. Mammalia exhibits ability to regenerate massive aspects of anatomy correlative, typically, to the level of sustained PEMT function. The complexities arise when PEMT is diminished as it is in adverse health status, advanced phases of being, or along with injury, impairment or resection of tissue. Although PEMT production of PMME, PDME and Phosphatidylcholine, each involve capabilities to resect scar tissues and promote regeneration, such as tissue plasminogen activator and serine proteases, it is not clear of particular aspects of regeneration become persistently displaced by scar tissues. Agrin, for instance, is exhibited early in development, repair and regeneration, coordination regenerative blastoma exhibition, which is an objective of typical regenerative repair, along with coordination of aggregation of acetylcholine receptors which are involved in innervation of tissue and development of tissue. Dimethylsulfoxide also can be applied to massive impairment areas of tissue, and it seems to hyperactivate THMT and INMT by providing high levels of sulfur, with anecdotal observations of massive repair or massive injury to almost precise status exhibited before injury. It is possible that regenerative repair might displace already implemented repair programs resulting in scar tissue and impairment if PEMT, THMT, INMT and other phospholipid pathways are reconstituted level exhibited in early development. The more intricate observations in this context seems to be that because in a social welfare, human welfare, education, and other level wildernesses, populations and even directorship of civilizations may not be aware of what occurs when populations are not freely provided satisfaction of the Human condition, social condition, behavioral condition and physiological condition. Humans become required to implement

objectives in systems and in other organizational entities, particularly those through which humans achieve economic ability to attain stability, become unable to resolve any issue simply, effectively and permanently, because it causes humans reliant upon such organizations or systems to no longer be able to derive adequate economic sustenance. Although, clearly, it does not have to be this way, making all disease no longer exist, preventing all detrimental outcomes, both reshape perspectives regarding budgeting, payment for socially essential services such as health, care and wellness, and even effect perspectives regarding investments in systems that otherwise provide stability. The result is that objectives, goals, metrics, budget, and merit become linked to levels or rates of the outcomes which revenue objectives, visibility, and objectives present in metrics. The causes of diminished outcomes, if acknowledged and resolved, would lead to even more diminished outcomes and instability, particularly because a human welfare and social welfare wilderness is often accompanied by an education wilderness in which intricate correlates presented by data, analytics, and mechanistic linkages, all escape population level understanding, acknowledgement and ability to prioritize to the institutional agenda. The cause of such a paradox seems to be an omitted, inadequate, or deprioritize focus on systemic analyses and perspectives which review issues and solutions in a context of how systems function, particularly encompasses processes within systems. There are sociopolitical models which delegate to a representative the ability to intricately understand issues and act in a way that represents the interests of a represented population instead of representing the knowledge and understanding of a population, although it is possible for misrepresentation of some or all among such represented population. Importantly, because opinion, sometimes uniformed, misinformed, or intricately informed but inaccurate instances are possible, there is an important imperative eradicate educational wildernesses, particularly because systemic diminished aspects of the status quo can exhibit hundreds or even thousands of opinion, social constructs, decisions, aspects of program, procedures, group dynamics, and other factors that can only be ascertained, understood, divulged and presented in a manner that involves intricate focus, analyses and presentation, such that analyses in such regard pervasively convey effective information particularly when holding humans harmless and focusing on how systemic factors and processes most comprise presented findings. Extreme perspectives have the potential to replace or displace intricate understanding. Extreme perspectives in this regard pervasively benefit some nuance of a system or entity, typically making Humans dispensable to such a system. Observations made in particular contexts are often factual, such as an observed disparity in outcomes or behavior among statistical groups either by level of exhibition or by comparative rates of exhibition, while displacement of intricate nuances of understanding with the cursory observation or an inaccurate observation promotes inaccurate attributing of disparities to statistical groups. The most useful way to consider these contexts seems to be the known fact that outcomes among humans differ among different areas and different systems, while groups or individuals which change locations and systems are known to come to exhibit the same types of outcomes exhibited in the areas which such groups or individuals may move to. These are strong indicators that is systems which intricately and pervasively shape, enable, produce and sustain outcomes as they occur. Why it is the particular areas produce atypically increased number of extraordinary performs can sometimes be answered by observing that some Universities focused on engineering and some Universities focused on Primary Care produce atypically increased numbers of extraordinary engineers and extraordinary Primary Care providers, respectively. Systemic, systemic and systems theory studies seem to be strong correlates in this regard.

- 131) The work *The Social Transformation of American Medicine* observes that about 20 percent of users emergency care utilize between 75 and 80 percent of costs, while popular characterization of these users as a problem reflects the commonly exhibit economic basis of perception in civilization such that human welfare wildernesses, social welfare wildernesses and socioeconomic wildernesses result in mischaracterization of such contexts as a problem, those experiencing diminished outcomes as a problem and ignore intricate permutations of analyses required to derive incipient, empirical, more accurate causality. The 20 percent of emergence care users which consume the near 80 or 70 percent of costs have typically represented a “window into the wider economic interdependent nuances of diminished outcomes” and represent an quintessential context of social constructivism in which, because intricate empirical causalities are not being ascertained, resultant consensus attribution of high costs to those whom civilizations have most inadequately satisfied Human, Social and Socioeconomic welfare for. This 20 percent of emergence care users have substantially increased risk of represent all manner of diminished

outcomes, status, contexts and environments.

- 132) The best example of why and how civilizations rely upon both cursorily observed causality, proximate causality and solutions that reaffirm such uninformed causalities and solutions seems to be the cursory observation that because aquatic life cannot be readily observed from land, then there must be inadequate resources in aquatic environments to supply food and sustain being. Such an observation is obviously inadequate, similarly to how physiology and behavior can be produced, shaped, influenced or caused by causalities that are disjoint temporally, disjoint from a visibility perspective, from a tangibility perspective, from an understanding and ascertainment perspective, and may most probably be the result of interactions between systems in which populations with essential unsatisfied requirements are moved between different systems, all of which do focus on empirical causal factors for diminished outcomes. However, systems are getting better, programs are getting better, system workers have long been aware of such disparities, while movement of such knowledge to the institutional agenda has long been a complexity to assuring resolution of such contexts. System workers, thus, require improved pay and improved resources to attain retirement age or ability to move between industries when their duration of contribution to systems can result translation of such knowledge and understanding into social, political, economic and human welfare changes. Certainly, assured attainment of Human welfare, social welfare, nutritional stability, housing stability and other assurances are assistive in this context. Information) The Social Transformation of American Medicine. ISBN 04655079350. ISBN )&\*0465079353. 0465079350, 9780465079353
- 133) Thus, eluted is a universes level hydridic field, in which nanoplastm level molecular interactions are occurring interactively exchange of hydride at the intramolecular, intermolecular, hydration/solvation shell/sheath layer, cellular subcompartment, cytoplasm, tissue, system, environment, biome and universes levels, including quantumly entangled fields, paramagnetic fields, and quantumly entangled spin liquid levels that are interactive with antecedent eras, immediate eras, and future eras. These interaction shape antecedent instances in ways that favor an occurring molecular transaction, favor performance of a molecular transaction and favor outcome of the transaction in future instances. Thus, these interactions communicate antecedent eras with immediate eras and future eras. These explain through space jumps of electrons, just in time movement of electrons, tunneling of electrons through limitations to potentials, and ability of material at nanoplastm level comprised of one group of atoms to mimic behavior of other groups of atoms, all of which are among the spooky, quantum, angular, hydridic effects which are pervasive in physiology and which exceed the predictions of physics and chemistry otherwise.
- 134) Thus, superimposed contexts exist that being with the culmination of the creative forces of the Universes which have set forth a creative intent verified by the existence CH<sub>3</sub>, phosphines, hydride, Hydrogen, precursors to DNA and RNA, and other factors in interstellar space. These are followed with linked exhibition fulfillment of the creative intent. Fulfillment involves adjudicative interactions into the future, into antecedent eras, between creative forces and different eras, and between humans and events in any era. This might be characterized in many ways, although, correlative to the nature of any system to prioritize itself over its incipient circumstance, incipient utility and over humanity, the human experience is the culmination of creative interactive forces and exhibition of increasingly intelligent, increasing capable, increasingly aware and increasingly useful to the universes organisms such as Humanity. Humans, thus, certainly have interactively been intended to emerge among the universes. Imperatively, it is this universes level interaction through instances of time between nanoplastm level hydride interactive molecular transactions, including other transactions, organisms, events, and incipient creative events, influence, performance and contexts, also including universes level factors and the Human experience which changes this context of evolution to be an AI that continuously links factors enabling vital being to reason, light, and hydridic fuels. These interactions increasingly potentiate improved conditions, improved molecular function, improved nuances of biology, and improvement of human understanding and wisdom. Importantly, as interactions occur in the span of the experience of the Universes, Planetary systems, Planets, Biomes, Biology, organisms and Humanity, molecular interactions affect antecedent eras, eras of immediacy and future eras, interactively with all other such transactions and with the instance of the create influences imposition of favor that resulted and sustains all of these contexts which are superimposed upon the span of the Human experience. Quantum entanglement assures that each interaction informs the incipient creative influence and shapes other transactions in this flow of universes level interactions, resulting an AI that continuously results in optimal and more optimal precursors, transactions and

outcomes. Some instances may be within the control of the incipient creative nuance of favor, and other may be interactive other eras of the Human experience, although transitivity assures that these are all interactive. This model is efficient because it agrees with physics observations, chemistry observations, biochemistry and biochemistry, while its nuances are well represented in philosophy in the experience of those represented in philosophy if not plainly presented. Similarly, information about human outcomes in the span of the Human experience present and elude such correlated information.

- 135) These suggest that the reasons that civilizations continue to inadequately resolve ways to assure human welfare, social welfare and economic welfare, seem to be that diminished outcomes clearly present that such assurances have been inadequately assured and such diminished outcome present information, data, elucidations, patterns and other influence when move inadequate understanding and intangible factors into visibility, similarly to any modern analytics systems and any modern AI tensor derivation process. However, it is Humans been intended to emerge as the culmination of the creative forces of the known Universes most particularly because the observational, perceptive, cognitive, expressive, behavioral and constructive potential of Humans enables awareness of oneself, prioritization others among the same species, prioritization of beings generally, prioritization of the environment, prioritization of the biome, prioritization hydridic files and “light”, all as nuances of universes level integral prioritization. The trillions of systems of the universe that are linked by Humanity and its functions are relevant in this context also. These suggest that Humans shape the universes more strongly and intricately than even the largest entities otherwise in the universes, because these functions of Humanity greatly amplify, logarithmically, the nature, versions, depth and breadth of influences that occur to universes level, into antecedent eras into the future.
- 136) Physics and chemistry exhibited nuances in which the favor that prioritizes humanity and production of favorable factors for humanity exhibit axioms such as “every action has an equal and opposite reaction.” However, once hydride becomes integrated and biophysics and biochemistry emerge, the byproducts of civilization, metabolism and biology all have a modality of cleaning, depletion, recycling and being counteracted. This is reasonable, possible and probably intended ways in which favor is allowed flow or is enabled to flow to Humanity. However, unempirical factors, decisions, social constructs, solutions, products or services may represent inadequate ascertainment of empirical, intended or possible nuances of favor. The possible empirical nuances of favor allowed, inherently intended, or able to be produced for humanity may be in contrast with what civilizations now allow, produce or provide and civilizations systems may now be interactive with increasingly encompassing aspects of the Universes, potentiating counteracting of the inherent favor intended for Humanity by the Universes and Creative Forces of the Universes. Human activity and systems imperatively should be sure that the influence it imputes to the Universes only enhance favor for Humanity and only informs the Universes of such favor for Humanity.
- 137) These suggest that the original AI was derived from the computational characteristics of civilization as Applied Policy Analysis and Feedback as well as Program management with continuous improvement, both including continuous improvement, not excluding generational nuances of continuous improvement.
- 138) The reasons why this document and it’s associated information may be so imperative is that the status quo exhibits causal factors such as EMF and environmental particulate, along with unresolved methylene bridge cysteine, trimethylaminenoxide, and factors which enhance these, such that gradual and continuous increase in these also cause continuous increases in appetite, consumerism, detrimental statuses such as diminished health status, diminished behavior or discomfort that cause massive increases in consumerism and service requirements. The product and services utilized, in these contexts, can ignore or inadequately prioritize ascertaining, divulging, acknowledging, preventing, alleviating and intervening incipient or empirical causality, resulting in allowed or enhanced exhibition of diminished outcomes. Correlatively, because the incipient and empirical causalities may have been inadequately prioritized and may have been inadequately integrated into how outcomes, decisions and social constructs are derived, the result is that these causalities have been allowed to persist individually and generationally, even while services and products have been or are being utilized by those experiencing diminished outcomes. Allowing benefit to be obtained from caused, enabling, sustaining or increasing diminished outcomes using merit, objectives, revenue objectives, budgetary outlay and in other ways, contributes to diminished outcomes, such that these must be uncoupled from the level of exhibition of any diminished outcome, particularly when a diminished outcome is required in order for these to be satisfied or attained. Similarly, because,



pervasively, diminished outcomes involve psychoses that emerge in the translation of condition of nature into conditions within civilization, such as insertion of numerous, complex requirements, instruments, artifacts, economic resources, statuses, associations, group membership or even cursory characteristics, all of which civilization has in incipient and empirical impetus to resolve or mitigate, inadequate empirical understanding and resolution of causality results in acculturation of humanity to consider inaccurately that diminished human outcomes are somehow of endogenous origin. Correlatively, these prevent systems from having to ascertain, acknowledge, resolve, prevent, alleviate or intervene causalities that do not wait for diminished outcomes to occur, preventing vital being and preventing human outcomes from becoming dispensable to the priority of systems.

- 139) Systems, interestingly, have emerged to have so many homologues to biology and neurological basis of social behavior, that diverse and intricate exhibition of such similarity results in outcomes that seem more specifically eluting of information and if empirical nuances of reason. The role of systems in eluting information that furthers humanity in its endeavor to generationally improve human outcomes should be acknowledged in a way that such divergence from specific purpose can be managed to prevent exclusion of reason and to diminish divergence from the way in which systems were intended to be silver frame for the implementation of the golden apple priorities of Life, Liberty and Pursuit of Happiness.