

REVIEW

Development of Therapeutics for Human-specific Intractable Immune Diseases by Means of Bio-energy Resonance.

Remedy of Mitochondrial Deterioration Due to Intracellular Infections Using Bi-Digital O-Ring Test

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1. ABSTRACT.

The author has disclosed that intractable immune diseases are not autoimmune diseases, but chronic opportunistic infections in the case of adult patients, or autotoxic diseases in the case of infants, due to enterobacterial infection. These diseases are brought about by intracellular infection in various tissues or organs by means of infected leukocytes through Waldeyer's lympho-adenoid tissue by mouth breathing as well as through GALT by cooling the gut with cold drinks, bone-rest shortage due to short sleeping time, excessive eating and drinking, mastication with movable teeth as a result of periodontitis, and lack of sunlight.

Due to intracellular infection, deterioration of mitochondria in infected organ cells occurs, resulting in deterioration of the specific function of the cells. This condition is essential in order to understand intractable immune disease at the cellular level.

Characteristics of the animals, which are composed of a hydro-colloid organic substances, is movement. In animals, the neural and muscular systems develop concomitantly. There are no muscles without the neural system and no neurons without the muscular system. The cerebral and spinal systems belong to the muscular system. In the functioning of animal cells, mitochondria are working as the electron transmitting system of oxidative phosphorylation. Mitochondria are the generator system of bio-electricity and the entity of the bio-resonance system. Substances are made of elements in which all atoms have electron-spin and nuclear magnetic resonance. All substance with mass and mitochondria in neurons exhibit resonance. Resonance phenomena of neural mitochondria with microbes or supplements are detected through muscle contracting strength in the Bi-Digital O-Ring Test using fingers, because only digital muscles resist fatigue. The electron transmitting system of mitochondria in every organ deteriorates due to intracellular infection with common enterobacteria or viruses without pathogenicity.

Intracellularly infected organ cells can be detected by the strength of muscle contraction by the bio-energy resonance system of the Bi-Digital O-Ring Test and effective medicines or supplements can also be detected.

By application of this bio-energy resonance system, we can detect intracellularly infected organs or tissues as well as know what kind of medicines or bifidus factors are effective. The author has disclosed a therapeutic method to remedy and to cure intractable immune diseases by means of prevention and recovery from intracellular infections in conjugation with nose breathing during sleep as well as warming the gut, recovering bone rest time by laying down, moderate eating and drinking with optimal mastication, treating periodontitis, exposure to sunshine (sun bathing), and administering bifidus factors.

2. INTRODUCTION

The life of higher animals has both acceptors of energy and acceptors of substance with mass, i.e., nutrients and oxygen. The former are sensory organs and the latter are visceral organs. All nutrition, minerals, vitamins, oxygen, as well as viruses and bacteria, are accepted through visceral organs and absorbed into blood or leukocytes and delivered to almost all cells via the bloodstream and lymphostream. At this time, microbes absorbed in leukocytes from the M cell of Peyer's patch are disseminated into cells by contaminated leukocytes if the body temperature is lower than 36.5°C. This gives rise to intra-cellular infection of organ cells or tissue cells by non-pathogenic ente-

rovirus or bacteria, and mycoplasma. If intracellular infection occurs in some organ, the function of the organ's cells deteriorate because of the dysfunction of mitochondria caused by bacteria or viruses. The author disclosed that this condition of intracellularly-infected organs is an immune disease. All cells in creatures have the same genetic codes with the same basic cellular construction and carry out life activities by means of nuclear functions concomitant with mitochondrial energy metabolism. Mitochondria in each specific differentiated cell carry out not only all specific cellular functions but also intracellular communication by means of their cytokines. All stimuli affecting the creature, e.g., physicochemicals, nutrients, toxins, bacteria, parasites, and psychological stresses, are transmitted through the optic thalamus into the hypothalamus by means of the neuromuscular as well as the cardiovascular system. These stimuli are transmitted to the posterior and frontal lobes of the hypophysis. They are then converted into hormones, which are the direct control system of 60 trillion cells. This is the hypophysis-suprarenal hormone system. Adrenocortico tropic hormones control the secretion of minerals and glycol-corticosteroid hormones; all cells in creatures, except matured erythrocytes, having 800~3,000 mitochondria and nuclei are directly controlled hormonally. Bacteria, mycoplasma and viruses are easily parasitic in various organ cells, intracellularly in some conditions, and intracellularly infected bacteria or viruses bring about deterioration of mitochondria and functional disturbances of mitochondria. All mammalian body cells are controlled systematically by the following five mechanisms:

- The central nervous system, conjugated with the somato muscular and visceromotor system, is the controlling system of the membranous electric ion channel;
- The topological streaming potential system works for biomechanical morphological change, except growth and development, against gravity energy in blood and lymph vessels as well as in muscles and skeletal bones of the hydrodynamic system;
- Substances with mass, such as oxygen, nutrients, minerals, cytokines, and hormones, which are synthesized by mitochondria in some special organ cells, and which are secreted into the bloodstream, control tremendous numbers of mitochondria directly in 60 trillion cells via the cardiovascular system;
- In creatures, substance with mass as well as energy without mass trigger cellular gene expressions;
- Mitochondria supply energy substances in metabolism, development, growth, remodeling, and proliferation, after that, life activities are carried out. Without mitochondria no cells in vertebrates can live.

The animal body, made of electrolytic water-soluble colloids, exhibits the characteristics of movement. In animals, neurons develop concomitant with muscle cells. In creatures without muscle there are no neurons, and without neurons, no muscle. The neural system of the brain and spine develop conjugated with muscle and the cardiovascular system. In living cells, mitochondria evoke the current functioning of the electron transmitting system of oxidative phosphorylation. All substances with mass have electron spin at the quark level and this spin and mitochondrial current in cerebral neurons exhibit resonance phenomena, which we can detect by the strength of somato-muscle contraction. In mammals with a homiothermal body temperature, the special M cells in GALT, i.e., Peyer's patch and lympho-adenoid tissue, absorb enteromicrobes, namely enterovirus, microplasma and enterobacteria, into undifferentiated mesenchymal (stem) cells, which are enclosed in pouch-shaped M cells, i.e., when the body temperature as well as temperature of the throat and viscera fall by one degree from 36.5°C. Stem cells then differentiate into granulocytes, namely leukocytes with microbes. All cells comprising somato-visceral organs, except erythrocytes and leukocytes, have connections with cerebral neurons by means of not only the neuromuscular system, but also the capillary and autonomic nervous system, and the resonance of mitochondria in cerebral neurons with substance or energy is reflected by the strength of somatomuscle contractions. By observing these resonance phenomena we can detect intracellular infections and diagnose maladies. Consequently, we can detect effective substances to apply to cure these maladies by means of resonance phenomena.

3. ESTABLISHMENT OF THE SIMPLE THEORY OF VERTEBRAL LIFE SCIENCE

3.1. The life of higher animals has both acceptors of energy, i.e., sensory organs and acceptors of substance with mass, e.g., nutrients and oxygen, i.e., visceral intestinal organs. It is necessary to establish the simple theory of vertebral life science, which can disclose the control system of the multicellular vertebrate system as a unity. The following 6 items are major mechanisms of the basic life system of the vertebrates.

(1) Animals have three kinds of bio-information systems (i) The genetic code information system. This is cytological information concerning not only all kinds of reactions and metabolism but remodeling, regeneration and reproduction. (ii) The energy information system to control muscle movement. This is the neural information system via sensory organs. All informational stimuli affecting sensory organs of animals are concentrated into the limbic

system of the brain, where the stimuli are converted into hormones. These hormones, circulating by heart muscle function in the bloodstream activate tremendous numbers of mitochondria and nuclear genetic codes of 60 trillion cells. (iii) The substance with mass information system is the gut absorbing system, including oxygen, nutrition, vital microbes, and toxin by the respirating brachial system via the gut mucous epithelia and Peyer's patch, where nutrients, vitamins, minerals, essential lipids, essential amino-acids, glucose, and microbes are absorbed into blood cells and delivered into 60 trillion cells in the body.

(2) Neurons are the energy acceptor system and the concomitant system of muscles. These are controlled by membrane electric potential. (3) The muscular-skeletal as well as blood vessel systems are also energy acceptant as well as the generating system and are controlled by streaming potential against gravity energy. The earth's magnetic energy is inevitable for vivid mitochondrial function in whole cells. (4) The cardiovascular system, namely blood and lymph, is the substance with mass supplying system via the gut mucous membrane and not only the supplying system of nutrition and oxygen, but also the hormonal control system, which regulates directly mitochondrial energy metabolism in 60 trillion cells. (5) Solar light is necessary for cytochrome, hemoglobin and myoglobin in cells. For mitochondrial function, solar light energy as well as body temperature is inevitable for mammals. (6) For complete mitochondrial function, all kinds of minerals as well as vitamins, essential amino acids, essential lipid acids, and citrates are necessary. Functional products of mitochondria are the energy substance of ATP, cytokines, and their deteriorated metabolites, which become sweat in subcutaneous tissue and urine in the kidneys.

3.2. Simple theory of the vertebrates life system is constructed following the five items of function of the genomes of cytoplasmic nuclei and mitochondria:

(1) Common larger adult vertebrates with 60 trillion cells, have basically the same genetic codes of cellular structures and components, i.e., nucleic as well as mitochondrial genomes; (2) In all specialized cells, mitochondria bear not only the most important specialized function, but also carry out cell remodeling as well as control the synthesis cytoplasmic membranes; (3) All stimuli influencing the vertebral body, e.g., physico-chemical stimuli like cold, heat, chemical substances, toxins, foods, psychosomatic stresses, and microbes of viruses, bacteria, and mycoplasma, are assembled through the cerebral cortex to the thalamus, i.e., the visceral brain, namely the limbic system, finally to

the to hypothalamus; (4) These stimuli are transmitted through the posterior to the anterior lobes of the hypophysis. Just here, in the anterior-lobe of the hypophysis, all stimuli assembled by not only the nervous system, but also by the vascular system, are converted into the hormonal regulation system represented by adrenocorticotrophic hormones, namely the hypophysis-suprarenal hormone system; and (5) Adreno-corticotrophic hormones from the hypophysis, secreted into blood, act on mitochondria of cortical cells of suprarenal glands to generate minerals and glyco-cortico steroid hormones. These hormones not only control mitochondrial genes but also nucleic genes as well as metabolism in 60 trillion cells all over the body, each of which have 800 to 3,000 mitochondria.

4. MECHANISMS IN THE ONSET OF HUMAN CHARACTERISTIC IMMUNE DISEASES AND MITOCHONDRIAL DETERIORATION. - INTRACELLULAR INFECTION OF ORGAN CELLS BY HUMAN-SPECIFIC BEHAVIOR

Breathing through the nose, even during sleep is the most important as mouth breathing induces intracellular infection over whole body cells. As a result of low body temperature as well as a lack of rest, the mitochondria of hemopoietic cells loose their vitality, and breathing through the mouth as well as cooling the gut with cold liquids allow leukocytes infected with parasitic entero-bacillus to be disseminated into various organ cells. Thereafter, intracellular infection takes place. Consequently, the metabolism of mitochondria are disturbed and their functions deteriorate. Circa 40 years these maladies are called opportunistic infections or autotoxic diseases. These conditions are essentially immune system diseases. As a result, the highly differentiated function of organs fall out of order.

Solar light excites hemo-protein. Therefore, mitochondria recover and cytochromes are active allowing oxidative phosphorylation to be enhanced.

From these human characteristic structural defects and improper habitual behavior intracellular infection by enterobacteria occurs. Following that, mitochondrial deterioration occurs in organ cells and human-specific intractable immune diseases take place.

5. PRINCIPLE OF RESONANCE PHENOMENA OF THE NEURO-MUSCULAR SYSTEM VIA THE BI-DIGITAL O-RING TEST.

1. Animal cells made of electrolytic water-soluble colloids exhibit the characteristics of movement. In animals, neurons develop concomitant with muscle cells. In creatures without muscle there are no neurons, and without neurons, no muscle. The brain and spine are conjugated with muscles. 2. In living cells, mitochondria evoke the functioning current of the electron transmitting system of oxidative phosphorylation. 3. All substances have electron spin and this spin and mitochondrial current in cerebral neurons exhibit resonance phenomena. 4. In intracellularly infected cells, the mitochondrial functions of their electron transmitting system are disturbed. 5. This results in the deterioration of cell-function and mitochondria. The intracellularly infected organ can be easily detached from the bio-resonance system due to functional defects of mitochondria. 6. All cells composing somato-visceral organs, except blood cells, have connections with cerebral neurons by means of not only the neuro-muscular but also the capillary and autonomic nervous system, and the resonance of mitochondria in neurons is reflected by the strength of somato muscle contractions.

6. DEVELOPMENT OF THE THERAPEUTIC METHODS FOR INTRACTABLE IMMUNE DISEASES

By human characteristic structural defects and improper habitual behaviors human-specific intractable immune diseases occur. From the viewpoint of energy, as well as the cellular metabolism of energy, humans have the following six major structural defects or improper habitual behaviors:

1) breathing through the mouth, 2) cooling the body by air-conditioners, cold drinks and foods, 3) workaholism without sufficient rest, 4) infant feeding of solid foods with protein instead of breast feeding. 5) lack of natural solar light in rooms, and 6) excessive drinking and eating with movable teeth caused by periodontal disease.

Considering these six weak points of humans, and to cure or prevent intractable immune diseases, the author developed mitochondria activating immune disease therapeutic methods. These are constructed from the following three items. Therapeutics are closely integrated with each of these three items.

1) Best breathing, i.e., the remedy of trilateral biomechanical habitual mouth breathing, the unilateral mastication habit, and the improper sleeping posture habit; 2) Energy control by avoiding cold drinks and foods, and not cooling the skin; and 3) Curing not only the gut but intracellularly infected organs or

tissues by ingesting optimal or effective bifidus factors, which can be detected by the bio-resonance system of the Bi-Digital-O-Ring Test.

7. DISCUSSION

The author has successfully developed hybrid-type artificial bone marrow chambers as well as gompholic artificial dental roots by applying biomechanical stimuli to sintered hydroxyapatite. Applying them, it was clarified that evolution occurs according to the mechanical functions of the animal in response to gravitational forces. The author has also developed an experimental evolutionary study method that applies trilateral research, integrating morphology, molecular biology and molecular genetics, with biomechanics. From these studies the author verified Lamarck's Use and Disuse Theory. Following that, the author carried out research on the basic construction of Mammalia from the viewpoint of the Gravity Evolutionary Theory. Thereafter, he disclosed the riddles of development of bone marrow hemopoiesis as well as the immune system. The life of higher animals has both acceptors of energy, i.e., sensory organs, and acceptors of substance with mass, e.g., nutrients and oxygen. The former are somato sensory organs and the latter are visceral intestinal organs. All stimuli affecting creatures, i.e., physicochemical, nutrition, toxins, bacteria, parasites, and psychological stresses, are transmitted through the optic thalamus into the hypothalamus by means of the neuromuscular as well as the cardiovascular system. These stimuli are transmitted to the frontal lobe of the hypophysis. They are then converted into hormones, which are the direct control system of intracellular respiration of mitochondria in 60 trillion cells. This is the hypophysis-suprarenal hormone system. Adrenocortico tropic hormones control the secretion of minerals and glyocorticosteroid hormones in all cells in creatures having 800~3,000 mitochondria and are directly controlled hormonally. The hypophysis is the most important branchial organ, one of the gill apparatus, namely, the external respiratory system. Actually, the hypophysis is the most important control center of inner respiration of mitochondria of all 60 trillion cells.

Bacteria, mycoplasma and viruses are easily parasitic in various organ cells, intracellularly in some conditions, and intracellularly infected bacteria or viruses, i.e., opportunistic infections, bring about the deterioration of mitochondria and cause functional disturbances of mitochondria. All substances with mass have electron spin at the quark level and this spin and the mitochondrial current in cerebral neurons exhibit resonance phenomena, which we can detect by the strength of samato-muscle contraction. By observing these resonance phenomena we can detect intracellular infections and dia-

gnose maladies. Consequently, we can determine effective substances to apply to cure these maladies by means of resonance phenomena.

Intracellular infection of organ cells by enterobacteria or viruses is an immune disease, which are known as opportunistic infections in adults and autotoxic diseases in infants. These infections bring about the deterioration of mitochondria. Mydriasis occurs by intracellular infection of the pupil. Thrombocytopenia occurs by intracellular infection of bone marrow hemopoietic nests. Atopic dermatitis takes place by intracellular infection of enterobacteria in subcutaneous tissue cells. Chronic fatigue as well as light level antinuclear antibodies are caused by tremendous enterobacteria infected intracellularly in whole body cells. Following that, mitochondria in whole cells deteriorate.

Antinuclear antibodies are generated by leukocytes against cell membranes of intracellularly infected cells, which are controlled by nuclear genes with extensively contaminated bacterial genes. Through mitochondrial activation intracellularly infected bacteria or viruses are digested. Epilepsy is caused by intracellular infection in neurons in the neocortex by enteromicrobes. Neurons and muscles develop concomitantly. Neurons develop for muscles. Therefore, if some involuntary movement or convulsion occurs, disorder of cerebral neurons inevitably takes place. Depression occurs by intracellular infection of neurons in the visceral brain, namely the limbic system. Ulcerative colitis and Chron's disease take place by intracellular infection of epithelial cells as well as subepithelial mesenchymal cells with enteromicrobes in the throat or intestines through contaminated leukocytes. Asthma and bronchitis as well as interstitial pneumonia take place by intracellular infection of epithelial and subepithelial cells in bronchus and lungs. Diabetes mellitus and pancreatitis take place by intracellular infection of Islands of Langerhans cells or pancreas gland cells. Viral infections such as cytomegalovirus, C-type hepatitis can be completely cured by administration bifidus factors, and contaminated leukocytes can be detected by observing a photo of TEM of leukocytes using the Bi-Digital-O-Ring Test at the same time. Myasthenia gravis takes place due to severe intracellular infection of the thymus through tonsillitis by mouth breathing through contaminated leukocytes. Dermatitis often occurs by the same enteromicrobes of thymus infection. The Cancer diagnosed by CT and tumor-markers is detected by the Bi-Digital-O-Ring Test clinically. After one-month administration of bifidus factors the tumor markedly recovers by the Bi-Digital-O-Ring Test. After one year, complete recovery of kidney tumor is obtained by means of CT and the Bi-Digital-O-Ring Test.

8. CONCLUSION

The control center of the substance distributing system in blood and lymphofluid to cells in the whole body is the direct regulation system of mitochondria. This control center is the hypophysis-suprarenal gland system. Dysfunction of this system by intracellular infection by malnutrition, e.g., a complete lack of vitamins B or C, or by improper energy absorbance to whole cells, such as cold or heat, induces systemic dysfunction of mitochondria in whole body cells.

In conclusion, the author has (i) disclosed that the causes of human-specific intractable immune diseases are mitochondrial deterioration due to intracellular infection of common enteromicrobes, concomitant with improper energy absorbance; (ii) detected intracellularly-infected diseased organs, as well as (iii) found effective bifidus factors to recover intractable immune diseases by means of the Bi-Digital O-Ring Test.

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