



ISSN: 0976-3376

Available Online at <http://www.journalajst.com>

ASIAN JOURNAL OF  
SCIENCE AND TECHNOLOGY

Asian Journal of Science and Technology  
Vol. 10, Issue, 03, pp.9481-9486, March, 2019

## RESEARCH ARTICLE

### PHYLOGENETICAL RELATIONSHIPS BASED IN THE 9 STAGED CLOSED CYCLE OF PROTON CONDUCTANCE AND SOME EXPLANATIONS RELATING TO RLUNG, BADGAN, MKHRIS THEORY OF TRADITIONAL MEDICINE

\*Ambaga, M. and Tumen-Ulzii, A.

Mongolia, Ulanbator, New Medicine Medical University

#### ARTICLE INFO

##### Article History:

Received 08<sup>th</sup> December, 2018  
Received in revised form  
15<sup>th</sup> January, 2019  
Accepted 12<sup>th</sup> February, 2019  
Published online 30<sup>th</sup> March, 2019

##### Key words:

The full Closed Cycle of Proton  
Conductance, Phylogenetic  
Relationship of life processes.

#### ABSTRACT

As According to theory of Traditional Medicine living rLung, As According to theory of Traditional Medicine living rLung, Badgan, Mkhri existed inside human body as gene, RNA, DNA, protons and electrons by ensuring all life processes as breath, blood circulation, food digestion, ageing, body growth. If we agree with this that living rLung, Badgan, Mkhri (LBM) is existed really inside human body, which can see and touch, as gene, RNA, DNA, protons and electrons, ensuring all life processes, we should package LBM and use this as biopreparations in every day clinical practice instead of blood, plasma, thrombocyte biopreparations. But, according to theory of Modern biology earth primitive was abundant in free hydrogen atom and hydrogen molecules earth primitive atmosphere had been laden with hydrogen, hydrogen rich molecules as methane, ammonia, water vapour, the transition to an oxygen rich atmosphere apparently occurred 2, 5 billion years ago. There are more close relationship between common descent of all life on Earth and long time formation of membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years, which generated ATP and NADPH. In this connection it is arisen the principal important questions relating to possibility of parallel existence of living rLung, Badgan, Mkhri inside human body and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. We are denying the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human in the basis of such lawfullife processes, as all living cells have arisen from a single common ancestor that lived 650 million years ago in the Precambrian. We are putting a following questions as at first: where is LBM?, who will ever see rLung, Badgan, Mkhri? Who has ever seen LBM, now when scientific world confirmed that common descent of all life on Earth from the universal common ancestor, through 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, at second: when and where were rLung, Badgan, Mkhri, now when scientific world confirmed that all living cells have arisen from a single common ancestor that lived 650 million years ago in the Precambrian, at third: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that 6,331 genes common to all living animals have been identified., at fourth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that genetic code is nearly identical for all known life forms, from bacteria and archaea to animals and plants. at fifth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed the identical pathways for the biosynthesis of purine nucleotides with participation of ATP generated within membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance of widely divergent organisms as E.coli, yeast, pigeons, and humans, demonstrating the biological unity of life in the level of ATP/ADP cycle and also in the level of membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance, at sixth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that some 23 proteins are found in all organisms, serving as enzymes carrying out core functions like DNA replication. All living organisms have the same kinds of monomeric subunits and the identity of each organism is preserved by its possession of many sets of nucleic acids and of proteins, which formed with participation of ATP/ADP cycle functioned as one of members of membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. It can be say that the continuity of proton conduction depended biosynthesis of ATP and NADPH using the membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years had been carried out by general principle as common descent of all life on Earth from the last universal common ancestor (LUCA), through 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code identical for all known lifeforms, from bacteria and archaea to animals and plants, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life. The universality of this code is generally regarded by biologists as definitive evidence in favor of universal common descent owing to membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. In such way, the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance have been formed as final results of phylogenetic relationship of life during last 4,5 billion years, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human. Theory of rLung, Badgan, Mkhri of Traditional Medicine (analogy and correspondence with theory of four humors) is abstract terms, reflecting the living things, existed inside human body as 16s rRNA gene, 18S rRNA, RNA, DNA, protons and electrons, the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, and also genetic code, identical for all known life forms, from bacteria and archaea to animals and plants, ensuring all life processes as breath, blood circulation, food digestion, ageing, body growth.

\*Corresponding author: Ambaga, M.

Citation: Ambaga, M. and Tumen-Ulzii, A. 2019. "Phylogenetical relationships based in the 9 staged closed cycle of proton conductance and some explanations relating to rlung, badgan, mkhri theory of traditional medicine", *Asian Journal of Science and Technology*, 09, (03), 9481-9486.

Copyright © 2019, Ambaga and Tumen-Ulzii. This is an open access article distributed under the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original work is properly cited.

## INTRODUCTION

Universal common descent through an evolutionary process was first proposed by the British naturalist Charles Darwin in the concluding sentence of his 1859 book *On the Origin of Species*: At last last have been appeared a many informations, relating to the universality and the similarities of many aspects of cellular life, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. The phlegm of humorism is far from the same thing as phlegm as it is defined today. Nobel laureate Charles Richet MD, when describing humorism's "phlegm" in 1910 asked rhetorically, "...this strange liquid-four humors, which is the cause of tumours, of chlorosis, of rheumatism, and cacochymia - Where is it? Who will ever see four humors? Who has ever seen four humors? What can we say of this fanciful classification of humors into four groups, of which two are absolutely imaginary? These similarities include the energy carrier adenosine triphosphate (ATP), and the fact that all amino acids found in proteins through universal common descent and evidence for homology of the central subunits of Transmembrane ATP asethroughout all living organisms, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human. Primordial membranes may have been semipermeable and evolved later to the membranes of modern bacteria, and on a second path to those of modern archaea. Many organisms all derived from a single ancestor could readily have shared genes that all worked in the same way, and it appears that they have.

The most common gene to be used for constructing phylogenetic relationships in prokaryotes is the 16S ribosomal RNA gene since its sequences tend to be conserved among members with close phylogenetic distances, but variable enough that differences can be measured. 18S rRNA is commonly used in fungi for phylogenetics since it has more hypervariable domains than 16S. Divergent organisms as *E. coli*, yeast, pigeons, and humans have virtually identical same fundamental biochemical organization: genetic information encoded in DNA, transcribed into RNA, through the effect of protein - and RNA-enzymes, then translated into proteins by (highly similar) ribosomes, with ATP, NADPH and others as energy sources, widely shared substances such as cytochrome c further supports universal common descent. Some 23 proteins are found in all organisms, serving as enzymes carrying out core functions like DNA replication, convincing the evidence of a single ancestry, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. The universal common descent was demonstrated by identity of Calvin cycle with Krebs cycle and identity in the example of Shikimate pathway, HMG Co reductase, Plant-fungi horizontal gene transfer, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from

cyanobacteria to Homo sapiens human. Plant - fungus horizontal gene transfer is the movement of genetic material between individuals in the plant and fungus kingdoms, such postulation gives the scientific ground to say that it is impossible existing of living four humors and living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants, such postulation gives the scientific ground to say that it is impossible existing of living four humors and living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants.

## RESULTS AND DISCUSSION

According to theory of Traditional Medicine living rLung, Badgan, Mkhri existed inside human body as gene, RNA, DNA, protons and electrons by ensuring all life processes as breath, blood circulation, food digestion, ageing, body growth. If we agree with this that living rLung, Badgan, Mkhri (LBM) is existed really inside human body, which can see and touch, as gene, RNA, DNA, protons and electrons, ensuring all life processes, we should package LBM and use these as biopreparations in every day clinical practice instead of blood, plasma, thrombocyte biopreparations. But, according to theory of Modern biology earth primitive was abundant in free hydrogen atom and hydrogen molecules, earth primitive atmosphere had been laden with hydrogen, hydrogen rich molecules as methane, ammonia, water vapour, the transition to an oxygen rich atmosphere apparently occurred 2, 5 billion years ago. There are more close relationship between common descent of all life on Earth and long time formation of membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years, which generated ATP and NADPH. In this connection it is arised the principal important questions relating to possibility of parallel existence of living rLung, Badgan, Mkhri inside human body and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

We are putting a following questions as at first: where is LBM?, who will ever see rLung, Badgan, Mkhri? Who has ever seen LBM, now when scientific world confirmed that common descent of all life on Earth from the universal common ancestor, through 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, at second: when and where were rLung, Badgan, Mkhri, now when scientific world confirmed that all living cells have arisen from a single common ancestor that lived 650 million years ago in the Precambrian, at third: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that 6,331 genes common to all living animals have been identified., at fourth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that genetic code is nearly identical for all known life forms, from bacteria and archaea to animals and plants. At fifth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed the identical pathways for the biosynthesis of purine nucleotides with participation of ATP generated within membrane - redox potentials three -

state line system dependent - full 9 stepped cycle of proton conductance of widely divergent organisms as E.coli, yeast, pigeons, and humans, demonstrating the biological unity of life in the level of ATP/ADP cycle and also in the level of membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance, at sixth: when and where were rLung, Badgan, Mkhri, when now scientific world confirmed that some 23 proteins are found in all organisms, serving as enzymes carrying out core functions like DNA replication. The essence of basic aspects of Oriental medicine have been explained at example of theory of five elements and four humours (analogy of theory of four humours istheory of rLung, Badgan, Mkhri) by some researchers as follows. Accordind to <https://www.health.zon e/vertical...> Broadly defined, humorism- four fluids (Blood-related to Mkhri, Phlegm - related to Badgan, Black Bile, Yellow Bile) is the belief that the body is influenced by four fluids (analogy of rLung, Badgan, Mkhri) produced by organs in the body. Each humor would increase and decrease depending on many factors, such as what you eat, the time of year, the temperature, your gender, and the time of day. If a person had an excess or an insufficient amount of a humor, this would lead to an imbalance, and a there would be a predictable change in the ill person.

We will break this up humor by humor. Phlegm, that nasty stuff you get in your throat after drinking something cold or when you are sick, was another humor. Treatment would be to avoid cold foods and drinks, which can cause an increase in phlegm. In this connection it is arised the principal important questions relating to possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. All living organisms have the same kinds of monomeric subunits and the identity of each organism is preserved by its possession of many sets of nucleic acids and of proteins, which formed with participation of ATP/ADP cycle functioned as one of members of membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance. The universality of this code is generally regarded by biologists as definitive evidence in favor of universal common descent owing to membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human. In such way the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance have been formed as final results of phylogenetic relationship of life during last 4,5 billion years, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

Before formation of the evolutionary late electron, proton transporting systems as "Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup><sub>membrane space</sub> = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup><sub>matrix</sub> + CO<sub>2</sub> ensuring "ADP - ATP cycle for chemical energy", some organisms, mostly micro - organisms had been developed the

systems to live as acidophile: optimal growth at pH values less than 3, alkaliphile: optimal growth at pH values above 10, endolith: live within rocks, or deep (a mile or more) underground; antarctic lichens, halophile: require high salt content, hyperthermophile: requires T > 80 ° C, up to 121 ° C; hydrothermal vents, hot springs, volcanos, lithoautotrophes: live in igneous rocks and utilize organic products of photosynthesis or sunlight, need only CO<sub>2</sub>, H<sub>2</sub>O and H<sub>2</sub> to sustain themselves by general principle of common descent, such postulation gives the scientific ground to say that it is impossible existing of living four humors and living rLung, Badgan, Mkhri with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants, We are proposing the new suggestion about close interrelationship, formed during evolution development of life, demonstrating that all organisms on earth are descended from a single common ancestor by following law full processess, as all life on Earth from the universal common ancestor, through 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, all living cells have arisen from a single common ancestor that lived 650 million years ago in the Precambrian, 6,331 genes common to all living animals have been identified, some 23 proteins are found in all organisms, serving as enzymes carrying out core functions like DNA replication, in such way, such abovementioned explanations eventually denied the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

The optimal safety continuity of planet entire history of life needed at first: the enough quantity of RNA and DNA molecules, at second: the enough quantity of RNA and DNA molecules needed the enough quantity of ATP, NADPH and purine, pyrimidine bases, at third: the enough quantity of ATP, NADPH and purine, pyrimidine bases needed the membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens. Identical pathways for the biosynthesis of purine nucleotides with participation of ATP, formed within membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance of widely divergent organisms, formation of the biological unity of life in the level of proton, electron flows within membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance" have been appeared as follows:

1. The participation of evolutionary late electron, proton transporting systems as "Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup><sub>membrane space</sub> = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup><sub>matrix</sub> + CO<sub>2</sub> in the biosynthesis of purine base molecules have been appeared as the first stage: ribose-5 phosphate + ATP = 5-phosphoribosyl - alpha - pyrophosphate (PRPP), the second stage: PRPP + glutamine + H<sub>2</sub>O = beta - 5-phosphoribosylamine, the third stage: beta - 5-phosphoribosylamine + ATP + glycine = glycinamidribotide (GAR), the fourth stage: GAR + N10-formyl-TNF = formylglycinamidribotide (FGAR), the fifth stage: ATP + glutamine + FGAR = Formylglycinamidribotide (FGAM), at the sixth stage: FGAM + ATP = 5-aminoimidazole ribotide (AIR), the seventh stage: CO<sub>2</sub> + AIR = carboxyaminoimi

dazoleribotide (CAIR), the eighth stage: CAIR + aspartate + ATP = 5 - aminoimidazole - 4-(succinylcarboxamide) ribotide (SACAIR), the ninth stage: SACAIR=fumarate+5-aminoimidazole - 4-carboxamideribotide (AICAR), the tenth stage: AICAR + N10-formyl-TNF = 5-formaminoimidazole-4-carboxamideribotide (FAICAR), the eleventh stage: FAICAR= H<sub>2</sub>O + inosinemonophosphate (IMP)by principle as “nucleic acids are needed to make proteins,yet proteins are needed to make nucleic acids” in the all widely divergent organisms as E.coli, yeast, pigeons,and humans, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhris and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

2. The biosynthesis of purine base molecules have been strongly needed the participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” and also the participation of membrane - redox potentials three - state line system, where formed such very important macroerg compounds as ATP, ADP in the all widely divergent organisms as E.coli, yeast, pigeons, and humans, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhris with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human, such postulation gives the scientific ground to say that it is impossible existing of living four humors and living rLung, Badgan, Mkhris with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants.

3. The participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” in the ATP dependent biosynthetic pathway of purine base molecules have been appeared as the first stage: ribose-5 phosphate + ATP = 5-phosphoribosyl-alpha-pyrophosphate (PRPP), the second stage: PRPP + glutamine + H<sub>2</sub>O = betta-5-phosphoribosylamine, the third stage: betta-5-phosphoribosylamine + ATP + glycine = glycinamidribotide (GAR), the fourth stage: GAR + N10-formyl-TNF = formylglycinamidribotide (FGAR), the fifth stage: ATP + glutamine + FGAR= Formylglycinamidribotide (FGAM), at the sixth stage: FGAM + ATP= 5-aminoimidazole ribotide (AIR), the seventh stage: CO<sub>2</sub> + AIR= carboxyaminoimi dazoleribotide (CAIR), the eighth stage: CAIR + aspartate + ATP =5 - aminoimidazole - 4 - (succinylcarboxamide) ribotide (SACAIR),the ninth stage: SACAIR = fumarate + 5 - aminoimidazole - 4-carboxami deribotide (AICAR), the tenth stage: AICAR + N10 - formyl - TNF = 5-formaminoimidazole - 4-carboxami deribotide (FAICAR), the eleventh stage: FAICAR= H<sub>2</sub>O +inosine monophosphate (IMP). In such way 5-phosphoribosyl - alpha-pyrophosphate (PRPP) molecules, which have been synthesized with participation of ATP-ADP cycle and also CO<sub>2</sub>, ATP molecules formed within reaction mediums as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” owing to

the clockwise normal flow of electrons and protons by including in the structure of inosine monophosphate (IMP) after conducting the abovementioned corresponding reactions became the unseparable structural parts of purine base molecules, also DNA, RNA molecules in the all widely divergent organisms as E.coli, yeast, pigeons,and humans, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhris and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

4. The participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” in the biosynthesis of pyrimidine ribonucleotides have been appeared as ATP + HCO<sub>3</sub> + glutamine + H<sub>2</sub>O= carbamoyl phosphate, carbomoylphosphate+aspartate = carbamoyl aspartate, carbamoyl aspartate = H<sub>2</sub>O + dihydroorotate, dihydroorotate + quinine = orotate, orotate + PRPP = orotidine monophosphate (OMP), OMP= CO<sub>2</sub> + uridine monophosphate (UMP), such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhris with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human, such postulation gives the scientific ground to say that it is impossible existing of living four humors and living rLung, Badgan, Mkhris with 16s rRNA gene, 18S rRNA, , a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code , identical for all known life forms, from bacteria and archaea to animals and plants.

5. The biosynthetic reaction of formation of 5-phosphoribosyl-alpha-pyrophosphate (PRPP) which conducted as well as ribose-5 phosphate + ATP = 5-phosphoribosyl-alpha-pyrophosphate have been strongly needed the participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” where formed such very important macroergic compounds as ATP and reducing agent as NADPH, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhris and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhris and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

6. The biosynthesis of deoxyribonucleotides have been strongly needed the participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system + O<sub>2</sub> + ADP + Pi + H<sup>+</sup> + nH<sup>+</sup> + membrane space = (ATP + heat energy) + H<sub>2</sub>O + nH<sup>+</sup> + matrix + CO<sub>2</sub>” where formed such very important macro-erg compounds as ATP, ADP and powerful reducing agent as NADPH, such postulation eventually gives the scientific ground to say that it is impossible exist the living rLung, Badgan, Mkhris with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea,

bacteria, and eukaryotes during evolution development of life from cyanobacteria to Homo sapiens human, such postulation gives the scientific ground to say that it is impossible existing of living four humours and living rLung, Badgan, Mkhriis with 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants. The participation of evolutionary late electron, proton transporting systems as “Donators + membrane - redox potentials three - state line system +  $O_2 + ADP + Pi + H^+ + nH^+$  + membrane space = (ATP + heat energy) +  $H_2O + nH^+_{matrix} + CO_2$ ” in the biosynthesis of deoxyribonucleotides have been appeared as in first stage:  $NADPH + FAD = FADH_2$ , at second stage:  $FADH_2 + S = S$  thoredoxin = SH-SH thoredoxin + NADP, at third stage: SH-SH thoredoxin+ S=S ribonucleotides= SH-SH ribonucleotides + S=S thoredoxin, at fourth stage: SH-SH ribonucleotides+NDP= dNDP, at fifth stage:  $dNDP + ATP = dNTP$ , such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhriis and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human. It can be say that the continuity of proton conduction depended biosynthesis of ATP and NADPH using the membrane - redox potentials three - state line system like structures from the cyanobacteria to Homosapiens during last 4,5 billion years had been carried out by general principle as common descent of all life on Earth from the last universal common ancestor through 16s rRNA gene, 18S rRNA, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, a genetic code, identical for all known life forms, from bacteria and archaea to animals and plants, such explanation eventually denied the possibility of parallel existence of rLung, Badgan, Mkhriis and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human.

By our suggestions, one of really existing things inside human body, representing living four humours and living rLung, Badgan, Mkhriis are the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance inside human body, implemented in 4 compartments of human body and 10 functional systems of human body comprising all 14 trillion cells (Figure 1).

- Fluid alpha state of the membrane - redox potentials three - state line system dependent-full 9 stepped cycle of proton conductance inside human body consisting of unsaturated fatty acids with high levels of oxy potentials adjusted to conduct the increased flow of protons and electrons are associated with abstract theory of Mkhriis (fire element of the theory of four humors ) of Traditional medicine (TM), which is distinguished by hot, hot oil, acute external characteristics.
- Solid beta state of the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance inside human body consisting of mainly saturated fatty acids conditioning a high levels of red potentials adjusted to conduct the decreased flow of protons and electrons are associated with abstract theory of Badgan(water element of the theory of four humors) of TM, which is distinguished by cool, cold oil, stupidexternal characteristics.
- Gamma state of the membrane-redox potentials three-state line system dependent-full 9 stepped cycle of proton conductance inside human body consisting of decreased contents of saturated - unsaturated fatty acids, conditioninga decreased levels of redoxy potentials adjusted to conduct the slow flow of protons and electronsare associated with abstract theory of Rlung of TM, which is distinguished by light, mobile, nonoil, cool external characteristics.



Figure 1 . The membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance

We are denying the possibility of parallel existence of rLung, Badgan, Mkhri and gene, RNA, DNA, protons and electrons during evolution development of life from cyanobacteria to Homo sapiens human in the basis of such lawfullife processes, as all living cells have arisen from a single common ancestor that lived 650 million years ago in the Precambrian. Theory of rLung, Badgan, Mkhri of Traditional Medicine (analogy and correspondence with theory of four humors) is abstract terms, reflecting the living things, existed inside human body as 16s rRNA gene, 18S rRNA, RNA, DNA, protons and electrons, the membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance, a set of 355 genes, comprising the three domains of life, archaea, bacteria, and eukaryotes, and also genetic code, identical for all known life forms, from bacteria and archaea to animals and plants, ensuring all life processes as breath, blood circulation, food digestion, ageing, body growth.

## REFERENCES

- Ambaga M, Tumen-Ulzii A, (2018), The full 9 stepped cycle of proton, electron conductance and normal existence of Human body, *International Journal of Development Research*, Vol 8, issue, 06, pp.20844-20848.
- Ambaga, M. 2016. A new suggestion about existing of membrane - redox potential three state line system between donators and acceptors inside the living cells, *Asian Journal of Science and technology*, Vol.07, Issue, 07, pp.3157-3161.
- Ambaga, M. 2016. The buffering capacity of erythrocyte membrane surroundings in relation to free protons, formed in the Full Cycle of Proton and Electron Conductance inside the Human Body. *International Journal of Development Research*, Vol 06, Issue, 07, pp. 8458-8461.
- Ambaga, M. 2016. The Full Cycle of Proton and Electron Conductance inside the Human Body, Consisting of 9 Linked Stages. *Acad. J. Sci. Res.*, 4(6): 127-131.
- Ambaga, M. 2016. The Full Cycle of Proton and Electron Conductance inside the Human Body and triple Rlung, Mkhri, Badgan theory of Tibetan Traditional medicine, *International Journal of Current Research*, Vol 8, Issue 08, p.36391-36393.
- Ambaga, M. 2016. The possibility to drive the membrane - redox potential, a three state line system dependent - full 9 stepped cycle of proton conductance inside human body to favorable direction during pathological situations, *International Journal of Current Research*, Vol, Issue, 11, pp 42456-42459, November.
- Ambaga, M. 2017. The bioevolution link between the two basic electron, proton dependent metabolic reaction systems of obtaining of ATP, *International Journal of Current Research*, Vol 9, Issue 06, pp.52182-52185.
- Ambaga, M. 2017. The full 9 stepped cycle of proton conductance and the two basic electron, proton dependent metabolic reaction system of obtaining of ATP, *Applied Science and innovative Research*, Vol.1, No 1, pp 63-68.
- Ambaga, M. 2017. The genome size and the two basic electron, proton dependent metabolic reaction systems of obtaining of ATP, *International Journal of Current Research*, Vol 9, Issue 06, pp.52771-52774.
- Ambaga, M. 2017. The membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance and the evolution based biological mechanism of oxygen utilization - ATP making bioenergy systems, *World Journal of Scientific Research and Review*, 2017. Vol.5, № 3, March, pp.8-13.
- Ambaga, M. 2017. The membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance and the evolution based biological mechanism of organ formation, *World Journal of Scientific Research and Review*, Vol.5, № 3, March, pp.1-7.
- Ambaga, M. 2017. The membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance as the universal metabolic formula and the development of all medical thinking during last 3000 years, *Asian Journal of Science and technology*, Vol.08, Issue, 03, pp.4485-4488, March.
- Ambaga, M. and Tumen-Ulzii, A. 2015. The life become dependent from the presence of electrons and protons, which were formed during events called big bang 15 billion years ago, electrons and protons sets the stage for formation of life in the universe.
- Ambaga, M. and Tumen-Ulzii, A. 2016. Integrated NCM medicine with s-NCM new knowledge, Lambert Academic Publishing.
- Ambaga, M. and Tumen-Ulzii, A. 2017. The full 9 stepped cycle of proton conductance and antispiral-like evolutionary back steps from second late evolution time equation to first early evolution time equation during some pathology, *International Journal of Current Research*, Vol 9, Issue 07, pp.54969-54972.
- Ambaga, M. and Tumen-Ulzii, A. 2017. The full 9 stepped cycle of proton conductance and the formation of three zones with various degree of disturbances of clockwise normal flow of electrons and protons during shortage of donators and acceptors- *Asian Journal of Science and technology*, Vol.08, Issue, 08, pp.5346-5349,
- Ambaga, M. and Tumen-Ulzii, A. 2018. The history of discovery of the full 9 stepped cycle of proton conductance, inside human body, *International Journal of Current Research*, 2018, vol.10, Issue, 02, pp.65128-65132.
- Ambaga, M. and Tumen-Ulzii, A. 2018. The new conception about existing of the full 9 stepped cycle of proton, electron conductance inside human body, *International Journal of Development Research*, Vol 8, issue, 03 pp.19303-19305.
- Ambaga, M. and Tumen-Ulzii, A. The membrane - redox potentials three - state line system dependent - full 9 stepped cycle of proton conductance and the phylogenetic relationship of life processes. *International Journal of Current Research*, in press.
- Ambaga, M., Kogan, A.K. and Kudrin, A.N. 1984. Correlation link between the size of limithrophe area and the level of radically free peroxide oxidation of lipids within evolutionary infarct area with rats La sente Publique, 27(4) 315-327.
- Ambaga, M. And Tumen-Ulzii, A. 2018. The full 9 stepped cycle of proton, electron conductance inside human body, consisting of two basic parts, *International Journal of Current Research*, Vol.10, issue, 05, pp.69170-69173.
- Charles Darwin, *The Origin of Species and the Voyage of the Beagle*, Vintage Books, London Ed Yong, I contain Multitudes, Vintage.
- Murray, R.K., Granner, D.K. and Mayes, P.A. *Harpers Biochemistry*, twenty-second edition.
- Nick Lane and William F. Martin, 2012. The origin of membrane bioenergetics *J.cell.*, <http://dx.doi.org/10.1016/j.cell.2012.11.050>.
- Robin D.Knight, Stephen J. Freeland and Laura F. Landweber(2001) "Rewiring the keyboard: evolvability of the genetic code". *Nature Reviews Genetics*.2 (1): 49-58. [https://en.m.wikipedia.org/wiki/Common\\_descent](https://en.m.wikipedia.org/wiki/Common_descent) "The search for life in the universe"