

# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



## Theory of Miasm at molecular level

**Dr Sanjib Chattopadhyay** Principal,  
Bangabasi Evening College, Kolkata 700009  
Correspondence:  
[sanjib\\_chatt@rediffmail.com](mailto:sanjib_chatt@rediffmail.com)

### ABSTRACT

Miasms, i.e., psora, syphilis and sycosis are multi-variant form of 'disease forces' that can afflict 'vital force'. The latter is stimulated by 'medicinal force' that drives the 'disease force' away from the body. During Hahnemann's time the disease-causing organisms of itches, irruptions, small pox warts and nodules, condylomatous gonorrhoea, and syphilis were not properly known. He has described 'disease force' as a 'spirit-like' dynamic action towards the interior of the human body. On the other hand, 'medicinal force' also moves from 'exterior to interior' like that of 'disease force', but much faster than the latter and stimulate the 'vital force'. In a normal healthy individual there is a definite ratio in enzyme, hormone, neuropeptides and transcription factors, but in case of a diseased individual the metabolic balance is lost due to metabolic block in macro or micro level. Some useful metabolites become deficient while the others become overflowing. The first might be called psoric, and the second is sycotic. When a deleterious product becomes overflowing it might be called syphilitic. Diseased condition of a patient then can be represented by a blockage in the branching pipes of minute metabolites, which indicates scanty flow of some metabolites and overflow of others. It can create such difference in protein profile between healthy and diseased individual. Medication is therefore comparable to 'gentle hammering' to that particular point of minute metabolite blockage, caused by deficiency of minute medicine sensitive enzymes, so that the defective protein profile can be rectified in course. Recovery is therefore possible by stimulating the minute deficient enzymes. As there were a very little chance

that homeopathic drug might contain even a single drug molecule after reaching ultra-high dilution, there was a popular notion that the solvent molecules are getting highly energized to carry medicinal power either by altered hydrogen bond pattern of solvent water molecules (water crystal model) or by being a reservoir of quantum energy (quantum model). Recently, many workers have observed the presence of medicinal molecules in ultra-high dilution (molecular model). Hence medicinal molecules are responsible for stimulating deficient enzyme synthesis by arousing 'vital force', which drives the 'disease force' away from the body.

Key Words: Miasm, Branching Water Pipe model, Phenylketonuria

### INTRODUCTION

The term 'miasm' means defilement, stain, polluted material, infective material, and contagious effluvia from human body. Actually, it is the internal disability to respond well-selected remedies. Hahnemann has written in his book chronic disease part I that psora is the oldest miasm and hydra-headed monster most responsible for chronic diseases, remaining few were syphilis and sycosis. Miasm in homeopathy underwent tremendous changes since Hahnemann's days. The concept of internal disability to respond well-selected remedies came forth as the concept of three 'miasms'. It is the sum or total effect of every type of 'disease forces' on human body. It concentrates on the overall symptoms, not only the recent ones, but those were manifested all over the lifetime of the patient, even laid down early in his ancestry. Naturally, they cannot be artificially induced upon the 'Provers' by applying higher dose of any single medicine within a limited span of time. Herein lies the importance of Miasm. The first miasm was 'psora', disease related to itches and irruptions. When it occurs over the outer surface (ectoderm) of the body it is small pox or leprosy. Likewise, when it occurs in the inner surface of the intestine, irrespective to pathogen responsible for the disease, it is dysentery. The remaining two were 'syphilis', (which indicates the symptoms related to the highly

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



invasive and destructive disease of the same name or any other similar natural diseases having much aggressive power leading to degeneration of an organ (especially mesodermal in origin), ultimately the nervous system) and 'sycosis' (the symptoms related to Gonorrhoea, the fig-wart disease, which can cause small lumps and tumors to any organ, mainly endodermal, due to disproportionate supply of metabolites). The followers of Hahnemann indicated some other miasms 'tubercular' (mixture of psora + sycotic) and 'cancerous' (mixture of psora + sycotic+sypilitic) much later than his death, as according to them the disease represent some unique symptoms, not acquainted in other miasms. Apart from miasm, in homeopathic literature predisposition of a disease is often called diathesis, which came from ancient medical literature, much earlier to Hahnemann. According to Hahnemann's literature tubercular was initially a diathesis. Later it was elevated into the rank of miasm. Likewise, many authors say that cancer may be considered in terms of fundamental miasm.

## Scientific Definition of 'Medicinal Force'

In several places of "Organon", Hahnemann has mentioned the 'spirit-like' dynamic properties of medicine. The most rational homeopaths believe that as the diluted drugs possess scanty of molecules, their velocity is very high, and thus they are able to perform more work than allopathic drugs. There is a persistent attack upon the homeopaths that as there is no drug molecule in homeopathic medicine above 12C dilution there will be no effect. At the beginning of the new millennium there was a division amongst the researchers regarding zero molecular dilution. Two types of theories were proposed: Solvent type and Solute type. The believers of the former theory postulated that in homeopathic medicines the solvent molecules (water and/or ethanol) are somehow energized by the initial presence of solute (here crude drug molecules). When the drug molecules are diluted away the solvent molecules retain their imprint or memory in terms of altered hydrogen bonded crystal water network \*(1-4) or energized singularity with the diluting away of

molecules \*(5-6) or Quantum type Greenberger-Horne-Zeilinger (GHZ) three-particle entanglement for Patient-practitioner-remedy (PPR) \*(7-8). The believers of the solute type theory simply think in the existence of drug molecules in ultra-high dilution due to excess flowing of solute molecules (drugs) to the successive dilution after attaining gaseous molecule like property due to succession in every step of dilution\*(9-13), or by levitation at the surface as nanoparticle\*(14-19), or by gas bubbles\*(20-21). Hahnemann has said that simple dilution of a grain of salt with large quantity of water won't grow any medicinal power unless it is succussed with alcohol in every step of dilution. Actually during succession the drug molecules become non-homogeneous due to fall in dielectric constant of the solution by the addition of ethanol and rush towards new vial while transferring\*(9-12), but cannot return to the original vial. Fall of dielectric constant with the increase of potency has been reported by some workers \*(18-19). This is because ethanol molecule gradually covers the surface of hydrated drug molecule with the attainment of higher potency. Several reports on atomic absorption spectrophotometry and scanning electric microscopy shows the existence of metal in ultra-high dilution \*(12-16). The former method is very sensitive for copper and zinc containing dilutions, so that they were detected \*(12) even in very high potency drugs.

Hahnemann has termed homeopathic medicines to be "penetratingly efficacious and remedial", even those that in the crude state give no evidence of the slightest medicinal power on the human body" ("Organon", 5th ed § 269). Cell membranes of our body possess selective permeability, so that crude material does not enter easily, but when the potentized medicines are applied to patients the ethanol encapsulated nanoparticles move in an enormous speed through the body fluid and strike the lipid bilayer of the affected cell, which undergoes 'flip-flop transition', so that penetration of drug molecules (say sodium chloride in Natrum mur) to the interior of a cell \*(9), even up to the nucleus become possible (Figure 1). These are actually a ligand-inhibitor of minute unknown enzymes\*(9) or transcription factors \*(10). Noticeably, alkaloids

Indexed in:



JIFACTOR





present in plant medicines contain several inhibitors of specific enzymes\*(9), as they can directly or indirectly mimic the substrate (or product) of the respective enzymes, or antigen of the respective antibody, thus can create a 'stress' similar to the disease proper. Recovery is therefore possible by stimulating the deficient

vulnerable to diseases can be compared with the concept of 'susceptibility' due to both genetic and environmental factors. Although the concept of miasm is questionable by scientific pathology, Hahnemann seemed to equate miasms to the different ways, in which humans can be susceptible to various diseases \*(22-23); as scabies and venereal diseases were widespread in the 19th century, considering them – and their suppression with inappropriate medication of that time – as the source of vulnerabilities for other maladies is obvious.

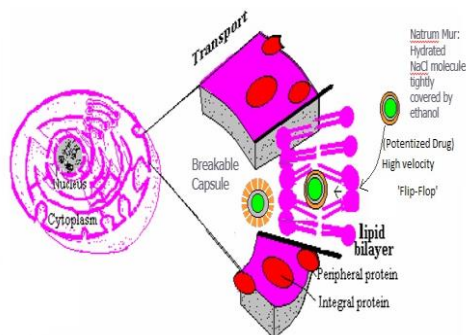


Figure 1 Mechanism of transport of a "potentized" drug molecule into the cytosol of a cell.

According to most of the modern homeopaths 'deficiency of useful metabolites due to long term suppression' is the key word of psora, while, 'excess storage of the same useful materials due to loss of coordination' is the basic feature of sycosis. Similarly, 'overflow of harmful metabolites to initiate destruction' is the main theme of syphilis, while Tubercular and Cancerous both are mixed miasm, where all the menaces culminate into a gross 'deficiency of both useful and destructive metabolites', in long run causing loss of 'vital energy'. It should be mentioned here that even the destructive metabolites has got some positive role in maintaining life. These are responsible for routine or programmed cell death or apoptosis, which is essential to restrict the number of cells in our body. It also causes death of weak and malefic cells; otherwise, they might cause tumour or tubercular lesions, even cancer. In case of cancer, the natural death of malefic cells is absent, hence it is so devastating. According to some modern practitioners Cancer is a form of tubercular diathesis, as there is a profound debility and weakness, but according to others, it should be ranked as separate miasm, as it represents some fundamental or basic combination of symptoms, unavailable in other natural chronic diseases. The theory of miasm, therefore, has a close relation with the basic concepts of human genetics.

enzyme or its activator, i. e., transcription factor \*(9-10). Several homeopathic drugs obtained from plant origin contain ligand-inhibitor of several enzymes. As for example, homeopathic drug Thea and Coffea contains alkaloids, Thiophyllin and Caffeine respectively, both are potent inhibitor of phosphodiesterase. Physostigma contains eserine, which inhibits acetylcholine esterase. Hence, it can be predicted due to inhibition of minutest enzymes \*(9), thus brings proving symptoms in healthy persons when applied in high dose, and cures patient, when applied in minute doses.

## Scientific Definition of Miasm

In modern terms, the original concept of 'miasm', as an idea of chronic disorders which make humans

Scientifically, miasm means 'like disease'. As for example 'syphilitic miasm' indicates any disease that has devastating effect on human tissue like

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



that of syphilis proper, including deformity, pus formation, necrosis, and degeneration. Miasm is the exclusive heritage of the humankind. Wild animals in the forest do not suffer from miasm, because they never try to remove the stress, as we do. We always strive to change natural environment in favor of us, endeavor to suppress chronic diseases, so that affected individuals can live long, and reproduce without proper counseling, consequently the afflicted genes become incorporated into the gene pool and later became expressed as different chronic diseases.

Following the same logic some workers \*(24) have postulated that Chronic diseases, miasms or reactional modes, remain one of the most subtle concepts of homeopathy. They are supposed to be heritable and originate after suppression of other diseases. They may produce a large number of diseases. Cellular pathology has led to an understanding of the basic repair mechanisms of every cell and tissue. These mechanisms exist in order to avoid necrosis or cell death. The main purpose is molecular repair, apoptosis and cell proliferation. Failure of these mechanisms leads to 'dysrepair'. Consequences of these 'dysrepair' mechanisms resemble the homeopathic reactional modes or miasms. These abnormal or 'dysrepair' mechanisms are probably the basis of miasms or reactional modes. A new interpretation of miasms is proposed: Psora corresponds to the dysmolecular reactional mode. Syphilis corresponds to dysapoptotic reactional mode. Sycosis corresponds to dysproliferative reactional mode.

## Treatment of Miasm by Branching Water pipe Model

Allopathic or mainstream medicines give emphasis on pathological symptoms. According

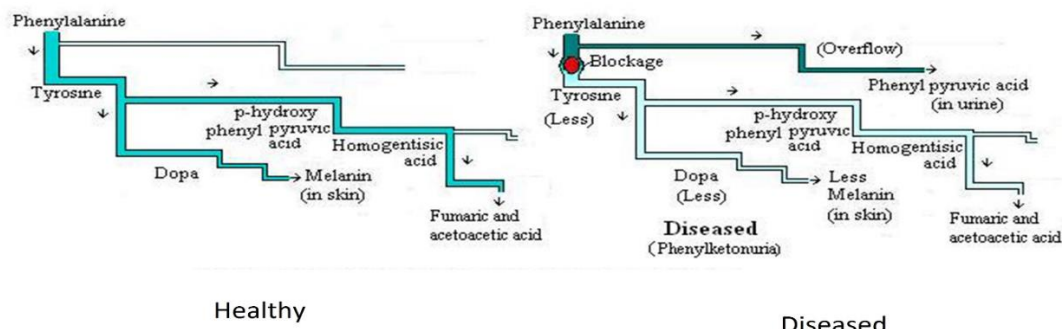
to them Deficiency or mal-function of some enzymes are responsible for the same. If we inhibit the enzyme with its inhibitor even the normal individual will show disease symptoms. Much before Hahnemann's era, in mid 1600s, Zacutus Lusitannus described a patient, whose urine turned black in air called alkaptonuria, but otherwise he was healthy, he got married and begat a large family. Later Dr.A.E.Garrod , a British physician, minutely observed the same metabolic disorders among his patients. Among them Phenylketonuria was caused due to lack of enzyme phenylalanine hydroxylase. The patients were of light skin and hair color, mentally retarded and majority of them generally used to die before the age of twenty as there is a deficiency of Tyrosine, Dopa (dihydroxyphenylalanine), Homogentisic acid etc. (Figure 2). Phenyl pyruvic acid, a product of phenylalanine, was present in urine as an overflowing product, which turned olive green in color by the addition of ferric chloride. An enzyme phenyl alanine hydroxylase was deficient. Some disease symptoms may be artificially induced in healthy individual by treatment of Oudenone, an inhibitor of the said enzyme. In case we were unable to identify the enzyme, we would name the same indirectly as an enzyme which is inhibited by Oudenone that produce phenylketonuria like symptoms. Deficiency of another enzyme homogentisic acid oxidase was found responsible for alkaptonuria. Likewise, alkaptonuria can artificially be created in healthy individual by nitisinone, which potently inhibits homogentisic acid oxidase. This type of indirect nomenclature is called ana-nemesis. The basic principle of homeopathy is actually indirect identification of the cause of the disease, in terms medicines, truly minute enzymes, this is nothing but ana-nemesis. Conversely, in mainstream (Allopathic)

Indexed in:



JIFACTOR





**Figure 2 Branching Water Pipe model for the disease Phenylketonuria**

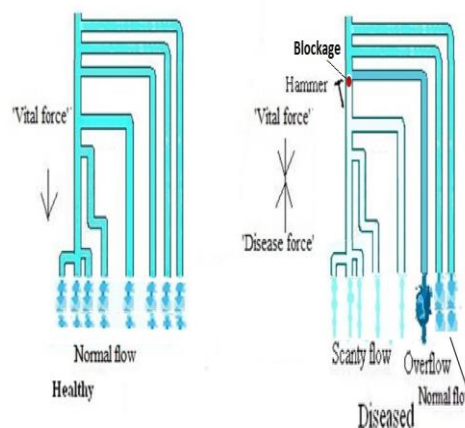
medicine, we are able to directly identify the responsible enzyme for the disease (e.g., phenylalanine hydroxylase), it is diagnosis.

Chattopadhyay first proposed the mechanism of homeopathic cure with patient specific remedy by 'Branching Water Pipe model'\*(9). According to him diseased condition of a patient can be represented by a blockage in the branching pipes of minute metabolites (Figure 2), which indicates scanty flow of some metabolites and overflow of others. Depending on position of blockage the individualization of treatment should be done. It can create difference in flow through different pipelines, therefore a difference in protein profile between healthy and diseased individual is observed \*(9). Artificial blockage can be induced by applying large dose of medicines to healthy individuals ('Provers') and minute dose of the same can cure patients who are suffering from identical combination of symptoms. Medication is therefore comparable to 'gentle hammering' or stimulating to that particular point of minute metabolite blockage, so that the defective enzyme profile can be rectified in course.

If the nutrients of body fluids of such patients are observed there will be much differences. Some are deficient \*(9), we may call them psora. Some are excess and overflowing, might be called sycosis, while others are destructive, helps in programed cell

death (Apoptosis), when secreted in excess are very harmful and degenerative, may be called syphilitic.

In homeopathy it may be hypothesized that deficiency of minute unknown enzyme may be responsible for deficiency in some metabolic products and overflow of others. According to homeopathic philosophy it occurs due to invasion of 'disease force'. 'Disease forces' always have a tendency to



**Figure 3 Branching Water Pipe model for homeopathic treatment**

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



enter inside, which has been represented by a blockage. The water flow is an indication of 'Vital force'. The blockage flows away by appropriate medicine as a result of stimulating 'Vital force' towards the initial position of the same, hence it appears that old symptoms are recurring like Hering's Law of Cure.

The psoric, sycotic, syphilitic, tubercular, and cancerous miasm so far have been considered as the five dominant causes of all the natural chronic diseases (except artificial diseases, i.e., caused by injury, surgery, sedative drugs etc), we can represent them as blockage of five branching imaginary pipelines that arise from a common stem. In healthy individual each metabolic pathway carries the disease preventing metabolites and the person remains healthy, both physically and mentally. However, deeper and deeper dynamic progression of metabolic blockage causes scanty flow of some metabolites and overflow of others. It indicates susceptibility to different diseases. Miasm, for the said reason causes low synthesis of enzymes, antibody and immunity cells and makes human body a suitable habitat for different parasites. After Hahnemann several disease causing microscopic organisms were discovered. However, we have observed that pathological symptoms may appear even without the presence of causative agent. Probably the parasites does not want to completely kill the host, but alters its DNA sequence creating pathogen specific biomolecular pattern, so that it may infect the hosts in the next generations. These are probably the cause of peculiar symptoms of psora, syphilis and sycosis. Even in absence of the causative bacteria, virus, protozoa or any other parasite the affected person manifests several pathological complaints, often seen in the said infections. How could the symptoms appear in absence of the causative organisms? The answer is, due to long lasting suppressive treatment of itches, gonorrhoea, syphilis, tubercular, and several other related diseases, generation after generations, the human genome has become modified to such an

extent that there is disturbance in the flow of metabolites and the symptoms appear spontaneously. Hence, there is no specific defense mechanism against the pathogens as they do not bring any new symptoms. They live peacefully in the human body causing no deadly illness. It serves the interest of both parasite and host, but some chronic ailments due to specific pathogen associated molecular pattern becomes inheritable. In the next generation it may become modified to some extent to create more serious trouble.

Psora is the most external cause of disease and cancerous is the most internal one. More precisely we may consider cancer miasm is a result of permanent mutation within gene, therefore mostly incurable. We have so many examples, how a suppressive allopathic treatment can make the 'external' disease 'internal'. In other words, causes inward progression of 'disease force'. We know that if a parasite that causes skin eruption is suppressed by an allopathic drug may permeate inside and can affect internal organs. In another example, suppose a patient showed a tendency of suffering from indigestion for few days (acute-miasm, preliminary stage of psora). Due to anomalies related to lifestyle and food habit, it became a perennial problem causing deficiency of secreting digestive enzymes. As the deficiency is the cause of disease, we may call him a patient of psora. A so called allopathic doctor would prescribe pepsin to him in the form of tablets, so that the disease was suppressed, he could digest well, but as the transcription factors responsible for regulating the enzyme-synthesizing gene would have no more work, and the gene would fall lazy. Thus, the disease would move downstream to upstream, or 'outward to inward'. Ingestion of excessive food containing high calorie even after consuming ample of digestive tablet and aversion to physical exercise has become the habit of common people nowadays. Eventually, the most patients of the present day may gain obesity. Simultaneously, due to absence of proper mechanism to combat the excess glucose load, its level in blood would be increasing, and the existing secretion of insulin would not be able to manage the situation because

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



of lacking coordination between enzyme or transcription factor and hormone. The patient would become diabetic. Here, excess of useful material due to loss of coordination is the cause of the pathological condition. Hence, we would describe him as a sycotic patient. He would be receiving insulin injection every day; In course of time, the entire coordination mechanism between ingestion of food, digestion, storage, and utilization of the same would break down violently. There might be a gross metabolic disorder with excess deposition of fat inside the lumen of arteries of heart tissue, which would be suffering from malnutrition, degeneration, necrosis, destruction, and cell death. Ultimately, there would be severe chest pain due to atrophy of the same. As destruction is the cause of all the trouble, we may term the patient syphilitic as per definition.

It may be secondarily caused due to rupture of lysosome, a cellular organelle, the ultimate cause of destruction. Besides, any type of non-individualistic method of treatment, even including vaccination, does the same kind of harm. So long the metabolites flow normally through the psoric pipelines, we remain protected not only from external diseases like itches and eruptions, but also from internal diseases. In Hahnemann's time, many people were subjected to unnecessary vaccination against smallpox in overdose, the flow rate through the anti-psoric pipelines increased enormously. Eventually, they earned more immunity against smallpox, but became susceptible to the diseases related to sycotic miasm, because of consequent deficiency of flow in the neighboring anti-sycotic pipelines. He explained it as the 'bad effect of vaccination'; and he has mentioned some cases where 'psora is converted into sycosis.' Probably for that reason, gonorrhoea broke out so violently after the French war, (1809-1814). Now it has been proved that overdose of vaccination against so many germs are harmful to human health. However, in some provinces where a specific disease is prevalent, large-scale vaccination cannot be avoided. In 1929, long after the death of Hahnemann, the anti-bacterial property of penicillin, extracted from a mould, was discovered. Later, after

the invention of several other antibiotics, like bacitracin, chloramphenicol, chlorotetracycline, streptomycin, tetracycline etc, loss of lives by parasitic attack including cholera, syphilis, gonorrhoea, and tuberculosis were minimized. These were much effective in killing internal germs than sulphur, mercurials, and other similar drugs, but their malicious effect was revealed later. Most of the germs including tuberculosis became resistant to the antibiotics. The side effects of antibiotics were ever increasing, including emaciation, poor growth of bones and teeth, frequent diarrhea, susceptibility to cold, loss of internal immunity, chronic haemorrhage, and loss of vitality. Ability of sulphur and mercurial were limited in killing the germs of the skin (external membrane); but the antibiotics were capable to eradicate bacteria responsible for eruptions and nodules even inside the body, e.g., mucous membrane of intestine or lung (internal membrane), consequently, the 'external' psora, i.e., adverse effect of suppressive treatment, became 'internal'. According to several practitioners, tubercular miasm should therefore be called 'pseudopsora'- the false psora, as mentioned earlier, which grows internally. Discovery of antibiotics are also responsible for budding of cancer miasm. By the use of antibiotics the boils inside human body do not suppurate spontaneously and remain unchanged year after years. In some cases, it undergoes some malignant changes within that period and converted into tumor. Tumor cells, if they grow in human body are generally digested by natural killer cells (WBCs), but due to indiscriminate use of antibiotics generation after generations, these killer cells have rendered inefficient. Hence, cancer miasm became widespread in human beings than other animals.

The theory of three 'miasms': psora, syphilis and sycosis is the matured wisdom of 'similia principle'. It concentrates on the overall symptoms, not only the recent ones, but those were manifested all over the lifetime of the patient, even laid down early in his ancestry. Naturally, they cannot be artificially induced upon the 'Provers' by applying higher dose of any single medicine within a limited span of time. We have observed that the three miasm occur due

Indexed in:



JIFACTOR





to either deficiency or overflow of certain metabolic products, which is the root cause of morbidity even in the mainstream medical science of human genetic disorders. Following Branching Water Pipe Model of Chattopadhyay \*(9) if the medicines are represented by the same following Kent's Repertory with an eye to Hahnemann's Miasm, the hypothetical metabolic pathway of medicine-sensitive unknown enzymes can be easily sorted out. Here psora, syphilis, sycosis tubercular and cancerous miasms are well represented by branches. If there is a blockage at

'Bryonia' and 'Sulphur' point there would be mixed symptoms, the patient cannot be cured permanently by 'Bryonia' alone unless 'Sulphur' is applied. In miasmatic patients, deficiency of minutest unknown enzyme(s) much upstream to known metabolic pathway may cause deficiency or overflow of certain metabolic pipelines. (The same is true for immunology.)

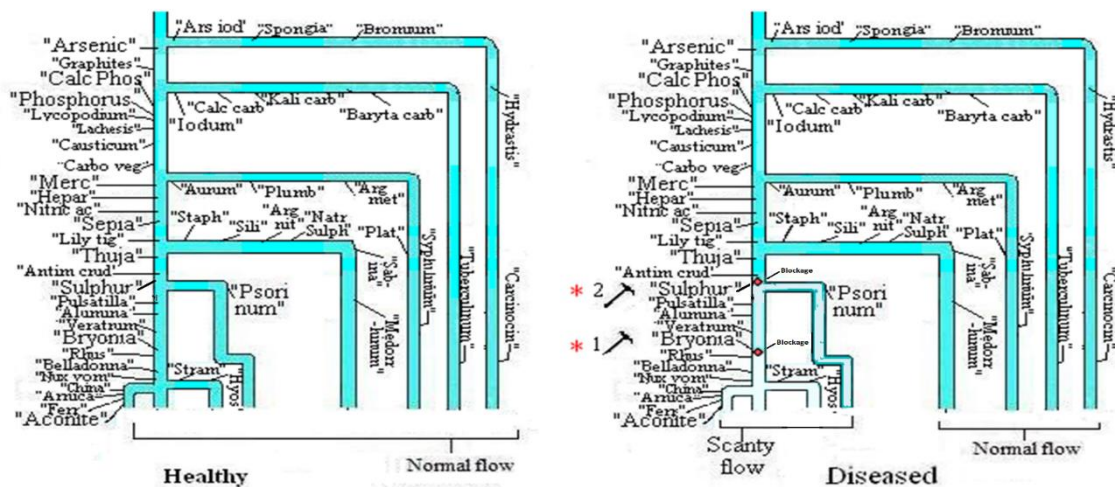


Figure 4 Branching Water Pipe model for Anti-Miasmatic Treatment

As the homeopathic drugs, due to their minuteness cannot directly show its impact on bulky functional enzymes, but inhibits these activators directly or indirectly, so they fall short or partially inactivated, which causes further depletion of functional enzyme and slight Aggravation of symptom of patient occurs. Thus, it can create a stress, so that it can be called 'stressor', which later stimulates the synthesis of beneficial enzymes in living cells up to its requirement either by multiplying small competent DNA segments or by division of the competent cell line that can compensate the loss. Stimulation of

these minutest deficient regulatory proteins causes synthesis of more activator molecules to bind with enhancer element of DNA, which causes more synthesis of deficient enzyme, in any case, causes Amelioration (cure). They can be treated well by the respective anti-miasmatic Remedies. Suppose, a patient was suffering from fever of slow and insidious nature, with aggravation of coughing by motion and he had thirst for sufficient cold water. Then 'Bryonia' was the remedy. The patient will be ameliorated very soon, but after few weeks, may be suffering from the same complaints, which recurred. Suppose, he could not stand erect and sat upon a chair. The doctor came to know from the diseased person that he has

Indexed in:



JIFACTOR





# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



a history of suppressing skin rashes by allopathic drug, derived from sulphur. There was a burning sensation prevailing all over his body for last few days. This time the doctor would administer one dose of 'Sulphur' to the patient as a second prescription. Hahnemann himself has faced similar troubles during his life time. Efficacy of 'Sulphur' in treating such patients was discovered by him after long twelve years of meticulous research. Efficacy of some other drugs for similar constitutive or anti-miasmatic treatment was discovered later. As we always hardly find a single remedy that covers all the symptoms of a patient doctor but find mixture of symptoms that resembles more than one medicines. The doctor has to treat such patient following his acute symptoms first. Then the chronic symptoms reflecting his diathesis or miasm would be expressed automatically within few days. Then the doctor has to prescribe anti-miasmatic drug after a minute study of symptoms as a second prescription. Here the metabolic blockage lies in two portions of the branching pipeline: the superficial blockage was removed by 'Bryonia' while the deeper one was removed by 'Sulphur'. For a complicated disease more than one anti-miasmatic drug needs to be applied according to emergence of symptoms.

Anti-miasmatic treatment can be explained in the form of molecular mechanistic pathway. According to the proposed theory, deficiency of more than one minute enzyme is responsible for such ailments, so that long drawn constitutive treatment becomes essential. Now we can explain the healing art according to 'branching water pipe model' as follows. Observing the affinity of symptoms of medicines upon the 'Provers', as mentioned in homeopathic literature, a hypothetical metabolic pathway of healthy individual can be constructed. In addition to relationship between the drugs (kindred remedies), their overlapping symptoms, duration of their activity, and anti-miasmatic properties are important in drawing 'branching water pipe' diagram for homeopathic medicines, where the locations of hypothetical unknown enzymes, sensitive to particular drugs were placed accordingly. Among more than two thousand existing homeopathic

remedies, very few were incorporated. Closer location of medicines in the linear array represents close affinities, indicated by overlapping of symptoms between the drugs. Towards the origin of the pipelines each nearest neighbors are (from below to above) 'Sepia', '-Nitric acid', '-Hepar' '-Mercury', '-Carbo veg', '-Causticum', '-Lachesis', '-Lycopodium', '-Phosphorus', '-Calcarea Phos', '-Graphites', and '-Arsenic' locations share some common or overlapping features, and they can be administered one after another, if the metabolic blockage is shifted to the next location, indicated by alteration of symptoms. There are seven imaginary terminals of the pipelines in the diagram. The first three terminals represent acute miasmatic disorders. Thousands of metabolites bearing anti-scorfulous, anti-inflammatory, anti-hemorrhagic, anti-bacterial, anti-febrile, anti-indigestive, and anti-depressant properties that are always synthesized in our body, flow through acute miasmatic pipelines. Secretion of useful metabolites including digestive juices and other exocrine glands, anti-itch and eruptive materials, which are responsible for external (surface) immunity, even secretion of sweat and sebaceous glands flow through psoric pipeline. When there is a blockage above sulphur point there would be deficiency of all metabolites. When it is just below the sulphur point (below the origin of psoric pipeline) itches and eruptions would appear as a consequence of deposition of unutilized metabolites, but the secretion of anti-inflammatory, anti-external hemorrhagic, anti-bacterial, anti-febrile materials would decrease. The patient would often suffer from fever, allergy, headache, loss of appetite etc. Secretion of storable useful materials, influenced by endocrine glands, especially, the hormones responsible for specific coordination within the body system, like testis, ovary and pancreas and some immunological materials responsible for immunity against venereal diseases flow through sycotic pipelines. When there is a blockage just below the origin of sycotic pipeline, an overflow of useful materials may occur. As a result, diabetes and other metabolic disorders may emerge. Moreover, warts, nodules and gonorrhoeal lesions may emerge over skin due to greater synthesis and overflow of related

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



antibodies. Endogenous destructive materials that are responsible for killing foreign bodies, also self, detoxifying metabolites, anti-necrotic substances and those are responsible for pus formation and wound healing, substances for proper growth of teeth and bones, anti- internal hemorrhagic substances that prevent internal hemorrhage, materials responsible for internal immunity, secretion of thyroid, thymus, and adrenal glands, having generalized metabolic coordinating function, can flow through syphilitic pipelines. When there is a blockage just below the origin of syphilitic pipeline, an overflow of destructive materials may occur as a result, causing necrosis. Moreover, deadly dryness, chancre and syphilitic lesions may emerge over the skin. Due to deficiency of useful materials that flow through sycotic pipeline, gum, teeth and bone decay quickly. It should be mentioned here that thyroid has got some degenerating capacity. Injection of thyroxin in tadpoles causes degeneration of tail. Adrenal is responsible for 'fight and flight' mechanism. However, its increase causes suicidal tendency in some mammals. Hence, it appears that both the glands may become affected by syphilitic miasm, indicated by excess secretion of both. At cellular level, the miasm may cause overflow of some metabolites that trigger bursting of lysosomes- the 'suicidal bag'. Anti-tubercular products are responsible for gross deficiency of both useful and destructive materials. Secretion of pituitary, conferring supreme generalized type of coordination, and the growth materials like calcium, responsible for enlargement of bones, flow and the materials responsible for apoptosis run through tubercular pipeline. If there is a blockage below the origin of tubercular pipeline the patient becomes tall, lean and thin in appearance, bearing delicate health, easily affected by cold, showing deformity and decay of muscle and bones, suffering from osteoporosis due to outflow of calcium from the body and look like 'pigeon chested'. They became over-sensitive, gloomy, and sluggish in nature. As the miasm can bring more generalized symptoms including growth of muscle and bones, it appears that it has got the capacity of afflicting pituitary gland. It is seen that in human body, the glands that located upper have an

influence over their subordinates. As for example, thyroid has influence over gonad as it is located at the upper position. Likewise, Pituitary has a control over both of them. Therefore, affliction of the upper one can bring more generalized symptoms, indicating deeper progression of 'disease force'. Cancer miasm indicates the deepest advancement of 'disease force' and the worst deterioration of 'vital force'. It has an adverse influence over every type of metabolic functions of the body. Even programmed cell death or apoptosis cannot occur in cancer affected individuals due to blockage above the origin of tubercular pipeline. Due to highest grade of debility, cancerous miasm is comparable to affliction of the innermost parts of the body, brain, hypothalamus, or nerve tissue that can secrete neuropeptides. We may imagine that the secretion of the materials responsible for controlling cell cycle, cell growth, proofreading enzymes, along with cancer suppressing metabolites, which are detectable by clinical tests, flow away through cancerous pipelines.

Scanty flow of metabolites through acute-miasmatic pipes due to blockage at any place symbolizes acute ailments, including loss of appetite, indigestion, weakness, debility, anxiety, malaise, sudden external hemorrhage, inflammation, and acute febrile condition. These blockages are very shallow in nature, so that sometimes they may be eliminated spontaneously without applying any medicine. Progress of blockage (due to suppressive allopathic treatment) towards the deeper position, near 'Sulphur' point, indicates psora, where in addition to the above symptoms, there is a tendency of itches and eruptions appearing all over the skin, like smallpox, scabies, and leprosy. During the time of Hahnemann and even earlier, sulphur was widely used as a crude drug to suppress itches and eruptions by allopathic doctors; as a result, the effect of sulphur pollution upon human health became deep-rooted. Treatment of homeopathic 'Sulphur' cures such type of chronic ailments. This was similar to the idea of isopathy, closely related to hormesis.

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



Homeopathic medicines like 'Aconite', 'Ferrum', 'Arnica', 'Belladonna', 'Bryonia' etc being short active remedies with comparatively smaller number of chronic symptoms involving the whole body and mind, but mainly acute ones, were placed towards the terminals. 'Sulphur' being the 'king of anti-psoric remedies' was placed just above the origin of anti-psoric pipeline. If there is a blockage at 'Sulphur point', eruptive materials would not flow through psoric pipelines, consequently itches and eruptions would not cure naturally over the skin, as if it would be unable to protect the body system from external enemies. If there is a blockage at 'Psorinum' point, there will be also deficiency of those eruption-related metabolites. Although 'Sulphur' and 'Psorinum' both are anti-psoric remedy, it creates some difference in symptoms between them. For the same reason, the psoric syphilitic and sycotic remedies have some specialized features, different from one another. 'Thuja' could show salutary effect over sycosis, so that it is called the 'king of anti-sycotic remedies'. 'Thuja' was placed just below the origin of anti-sycotic pipelines. Hence, if there is a blockage at 'Thuja' point, excess of useful materials, e.g., glucose, triglycerides, cholesterol etc would flow through the sycotic pipeline. They would be accumulated within the body. Side by side anti-psoric materials would not flow properly, so that natural immunity against the acute diseases decrease, they would suffer from affection of external parasites, well represented in diabetic patients. During the life span of Hahnemann and even earlier the allopaths used crude mercury to treat venereal diseases. While practicing as an allopathic doctor, Hahnemann was unable to cure frequent cases of venereal chancres, especially, complicated with itches, or with the dyscrasia of condylomatous gonorrhoea by long continued or frequently repeated erroneous treatment with large doses of mercurial preparations. Yet, he claimed to have noticed gradual development of 'masked venereal diseases' by the use of the said drug and many concomitant symptoms, including pus formation, bubo, chancre etc like those of syphilis. Chronic mercury poisoning is characterized by neurological and psychological symptoms, such as tremor, changes in personality, restlessness, anxiety,

sleep disturbance and depression, which are the characteristic features of syphilis miasm. Occurrence of coronary heart disease by mercury exposure with no previous history of cardiovascular disease also indicates syphilis miasm. Metallic mercury may cause kidney damage and proteinuria. It is an allergen, which may cause contact eczema. In the mercury-polluted areas of the earth, it was reported that people become weak and susceptible to several diseases; they suffer from abdominal pain, headache, diarrhea, hemolysis, and chest pain. Decay of teeth and bones in mercury exposed individuals also indicates syphilis miasm. Some of the said symptoms might have similarity with syphilitic symptoms proper in terms of devastating effect. Potentized mercury salt cannot bring the all the excrescences upon a 'Prover' after short-term exposure in tolerable concentration, but for long-term exposure many symptoms related to the said miasm may be expressed. For that reason, 'Mercury' is called the 'king of anti-syphilitic remedies', which is placed below the origin of syphilitic pipeline. If there is a blockage at 'Mercury' point, excess of destructive materials that can cause necrosis and pus formation in tissues would flow through the pipeline. Simultaneously, deficiency of anti-psoric and anti-sycotic materials would occur. There is practically no single or ideal remedy, which can cover all the symptoms associated to tubercular miasm. However, 'Phosphorus' and 'Calcarea Phos' were found very effective in solving most of the problems of these patients. So they were placed below the origin of anti-tubercular pipeline. In the diagram, 'Arsenic', a cancer causing element, being deepest among the remedies, indicates longest duration of action, therefore having larger number of deep-seated chronic symptoms, indicates the ideal remedy of cancer miasm. A recent WHO evaluation (Geneva: World Health Organization, 2001) concludes that arsenic exposure via drinking water is causally related to cancer in the lungs, kidney, bladder and skin, the risk increases with increasing exposure. Moreover, during Hahnemann's time sulphur, mercury, lead etc were widely used as allopathic medicines of inorganic origin. Nowadays almost all allopathic medicines are carbon compound. Hence,

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



homeopathic medicine 'Graphites' has a special significance. Therefore, 'Arsenic' and 'Graphites' were placed much upstream than the other drugs, very near to the origin of all the flows. Any blockage at the place causes alteration of almost the entire flow, as a consequence in addition to cancer miasm the four others - tubercular, syphilitic, sycotic, and psora would appear together, which would prevail all over the body. It does not mean that symptoms related to all the medicines would appear simultaneously. This is because medicinal symptoms appear together due to both deficiency of some and overflow of other metabolites, indicated by particular medicine. For 'Arsenic' deficiency is mostly the causative agent, overflow is negligible. Deficiency of nutrients, vitamins and minerals, deficiency of natural reactions, deficiency of immunity, vital heat, and deficiency of destructive materials even apoptosis causing factors would become the salient feature of such patients, resulting a gross deficiency of 'vital energy'. There would be scanty flow in 1st-7th pipelines, but overflow in the 8th pipeline that carries cancer related metabolites. The said remedy is applicable to patients having familial history of suffering from all the five miasms. The same is true for deep acting 'Graphites' also. Besides, other deep-rooted medicines like 'Calcarea Phos', 'Phosphorus', 'Lycopodium', 'Lachesis', 'Causticum', and 'Carbo veg' cover four miasms: tubercular, syphilitic, sycotic, and psora, so they were placed below the origin of tubercular pipeline. 'Mercury', 'Hepar', 'Nitric acid', 'Sepia', and 'Lilium tigrinum', have influence over three miasms: syphilitic, sycotic, and psora, so they were placed below the origin of syphilitic pipeline. Likewise, 'Thuja' and 'Antim crud' can cover two miasms: sycotic, and psora, so they were placed below the origin of sycotic pipeline. 'Sulphur' can cover only one miasm: psora, so it was placed below the above of psoric pipeline. 'Pulsatilla', 'Alumina' etc show several features of anti-psoric remedies, so they were placed just below 'Sulphur' location. The Acute miasmatic remedies that we frequently use, like 'Bryonia', 'Belladonna', 'Nux vomica', 'Rhus tox', 'Arnica', 'Aconite' etc. have few anti-psoric features, so they were placed near the terminals of the psoric pipelines. Still, some medicines are there, like

nosodes, which are very specialized and can cover single miasm, because they are prepared from disease exudates, which can bring most of the pathological complaints of the representing disease only, when applied upon healthy individuals. For that reason, 'Carcinocin' covers only cancer miasm, so that they were placed towards the terminal of anti-cancerous pipeline. 'Tuberculinum' exclusively indicates tubercular miasm. 'Syphilinum', mostly covers syphilitic miasm; 'Medorrhinum', for sycotic and 'Psorinum' mostly represents psora. All of them possibly can stimulate killer T-lymphocyte that can digest away tumors of psoric, sycotic, syphilitic, tubercular or cancerous origin and/or can stimulate respective B-lymphocytes that can secrete specific antibodies (immunoglobulins) antagonistic to those diseases.

During Hahnemann's era, genetics was not developed as a subject, so that the science of miasm was the only alternative of explaining 'familial diseases'. The theory of miasm was a substitute of genetics at that time. From the idea of mixing of more than one affliction together to produce a complicated miasm, it appears that he believed in 'blending mode of inheritance', the commonest theory at that time. Modern genetics believe in 'particulate mode of inheritance' by means of genes or DNA fragments, but it cannot nullify his observation because; most chronic diseases are inherited with a particular combination of symptoms, attributed to a large number of linked genes, often called syndromes that can be compared with his concept of miasm. Secondly, complication of inherited diseases in the subsequent generations is possible by contamination due to pollutants, bacteria, virus, or faulty allopathic treatment. Thirdly, it is often seen that predisposition of disease or diatheses are more or less heritable. Whenever more than one diathesis, are inherited from paternal and maternal sides, can produce more complicated disease including cancer. Hence, the theory of miasm, like that of similia principle, is highly acceptable. Nowadays, permanent cure of a patient applying single constitutional remedy is very rare due to the following reasons: (i) Greater number of

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



metabolic blockages so that symptoms do not match with single remedy; (ii) Blockage at the deeper portions of the branching pipelines causing complete drying up of the 'rivers' of essential metabolites, so that symptoms cannot express properly making the selection of the remedy difficult. During Hahnemann's time, it was possible, because the environment was not so much polluted, people were not so much dependent upon allopathic drugs, and their lifestyle including food habits were comparatively simple. Marriage between two patients suffering from different miasm or diatheses generation after generations caused blockage at multiple places of branching water pipe. Whenever more than one diathesis is inherited from paternal and maternal sides, it can produce more complicated disease including cancer. Availability of a patient based on complete symptoms of a particular medicine is very rare nowadays. Moreover, the symptoms would not appear in a complete form, like 'Sulphur patient', 'Thuja patient' etc unless we remove the blockages from the terminals of the pipelines by applying acute or short-active remedies like 'Bryonia', 'Belladonna' etc., generally in lower potencies. Removal of all the blockages would require much intuition and take longer time span. Therefore, they should be treated in a systematic manner. The basic protocol for treatment for all the patients should be the same irrespective of nature of the disease. The healing art should always start from outward to inward, i.e., from the terminals, as far as possible, to the origin of the pipelines. Thereafter, if almost all physical and mental symptoms match, the most suitable medicine should be applied in higher potency. The blockage, in the form of suppressed metabolite ('disease force') would flow towards the terminals and hence the old original symptoms would return. Let us take the case of a patient, who is suffering from a small tumor, located at the upper lobe of the left lung. He is chilly, but has a burning sensation prevailing all over his body. The patient is quite intelligent, oversensitive, apathetic or indifferent to his friends. He is quite apprehensive and sympathetic. He has some religious insanity. He is sad and avoids conversation. Music makes him sad. There is no history of cancer in his family.

However, his grandfather died in whooping cough and asthma, indicating presence of tubercular miasm in his family history. He himself is a patient of high blood pressure (syphilitic miasm). The patient has warts and nodules in his body, also he has some fixed ideas (sycotic miasm). He has once suffered from measles in his childhood (psora miasm). As all the four miasms are present, the physician should choose the constitutional remedy from the deep anti-miasmatic stem comprised of 'Carbo veg', 'Causticum', 'Lachesis', 'Lycopodium', 'Phosphorus', and 'Calcarea Phos', as shown in the diagram. Presently, he is suffering from fever with heat and redness of head, with coolness of rest of the body. Initially, he should be treated with 'Arnica'. (Several other remedies would be required, if there are other symptoms due to multiple blockages). After the removal of the blockage he expressed the symptoms of pneumonia with rusty, blood colored sputa. Therefore, the final remedy should surely be 'Phosphorus' in its higher potency, to which most of the physical and mental symptoms would be recovered. Here the symptoms of 'Phosphorus' could not appear in a discrete form before the removal of blockages from the terminals of the pipelines.

The difference between 'similia principle' and 'miasm' is out of degree. As we have stated in the text that the latter is the extended version of the former, where more number of minute enzymes or transcription factors are affected. Generally it can neither be induced by single proving experiment nor can be treated with single remedy, but by orderly application of medicines one after another. Hence, the treatment requires systematic approach of anti-miasmatic medicines one after another and generally needs a longer time for permanent curation.

## REFERENCES

1. Chaplin, M.F. A proposal for the structuring of water. *Biophys. Chem.*, 2000, 83 [3]: 211-221
2. Chaplin, M.F. The Memory of Water: an overview. *Homeopathy*, 2007, 96(3):143-150

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



3. Sukul, N.C, De, A., Sukul, A., and Sinhababu, S.P. Potentized Mercuric Chloride and Mercuric Iodide enhance  $\alpha$ -amylase activity in vitro. *Homeopathy*, 2002, 91:217-220
4. Sukul, N.C., Ghosh, S., Sukul, A., and Sinhababu S.P. Variation in Fourier Transform Infra Red spectra of some homeopathic potencies and their diluent media. *J. Alt. Com. Med.*, 2005, 11(5):807-812
5. Conte, R., Lasne, Y., and Vernot, G. Correspondence between Hahnemanian and Korsakovian preparations of  $\text{NO}_3\text{H}$  analyzed in NMR with the Contonian statistic. *Proceeding GIRI 8th Meeting*, 1994
6. Berliocchi, H., and Conte, R. Interpretation physico-mathematique de l'effet pharmacologique des hautes dilutions: onde remanente apparences contoniennes (conton). *Cah. Biotherapie*, 1994, 126:73-80
7. Milgrom, L. R., Patient-practitioner-remedy (PPR) entanglement. Part 6. Miasms revisited: non-linear quantum theory as a model for the homeopathic process *Homeopathy*, 2004, 93(3):154-158.
8. Milgrom, L. R., A Geometrical Description of PPR Entanglement and the Curative Homeopathic Process. *Journal of Alternative and Complementary Medicine*, 2008, 14(3): 329-339
9. Chattopadhyay, S. Proposition of a new system of medicine based on tolerance principle. *Medical Hypotheses*, 2002, 59(2): 191-203
10. Chattopadhyay, S. Biomathematical modeling for diluted drugs. *Medical Hypotheses*. (Elsevier Publ.). 61(1): 56-59, 2003
11. Chattopadhyay, S. Whether the medicines are truly nonmolecular? *Journal of Homeopathic Research*, 2006, 1(1): 104-114
12. Chattopadhyay, S. Existence of trace amount Copper and Zinc molecule in so called zero molecular Homeopathic drugs. *Clinical and Experimental Homeopathy*, 2017, 4(2): 4 -10
13. Chattopadhyay, S. Mechanistic pathway of minute dose medicine, which was held at Holiday Inn Sukhumvit 22, Bangkok 1, Klongton, Klongtoey, Bangkok 10110, Thailand from 2-3 November, 2019 'Homeopathy and Traditional Medicine: Zero molecule to Macromolecule' Page 71 .
14. Chikramane, P.S., Suresh A.K., Bellare J.R., and Kane S.G. Extreme homeopathic dilutions retain starting materials: A nanoparticulate perspective. *Homeopathy*, 2010, 99(4):231-242
15. Chikramane, P.S., Kalita D., Suresh A.K., Kane S.G. and Bellare J.R. Why Extreme Dilutions Reach Non-zero Asymptotes: A Nanoparticulate Hypothesis Based on Froth Flotation. *Langmuir*, 2012, 13 ;28(45):15864-15875
16. Upadhyay, R.P. and Nayak, C. Homeopathy emerging as nanomedicine. *Int. J. High Dilution Res.*, 2011, 10(37): 299-310
17. Bell, I. R., Muralidharan, S. and Schwartz, G. E. Nanoparticle Characterization of Traditional Homeopathically-Manufactured Silver (Argentum Metallicum) Medicines and Placebo Controls. *J. Nanomed. Nanotechnol.*, 2015, 6 (4): 1-16
18. Nandy, P. and Bhar, D.S. Active Principle in Potentised Medicines: Nanoparticle versus Quantum Domain – An overview. *Indian Journal of Research in Homoeopathy* | Published by Wolters Kluwer – Medknow 2021, 15(1): 62-67
19. Gayen, A.L., Mondal, D., Bera, D., Biswas, P., Paul, B.K., Bhar, D.S., et al. Effect of Cuprum metallicum potentised through both serial dilution and succussion in comparison to succussion alone on Escherichia coli bacterial system and electrical

Indexed in:



JIFACTOR



# CLINICAL And EXPERIMENTAL HOMEOPATHY

A peer-reviewed International Online EJournal

ISSN 0974 - 9799

<http://journal.sukulhomeopathy.com>



properties of poly (vinylidene fluoride co hexafluoropropylene) polymer. Indian J Res Homeopath., 2019, 13:209-18.

20. Rao, M.L., Roy, R., Bell, I.R., Hoover, R. The defining role of structure (including epitaxy) in the plausibility of homeopathy. Homeopathy, 2007, 96(4):175-182.

21. Demangeat, J. L. Gas nanobubbles and aqueous nanostructures: the crucial role of dynamization. Homeopathy, 2015, 104(2): 101-115

22. Bellavite, P. Complexity science and homeopathy. A synthetic overview. Homeopathy. 2003,92:203-212.

23. Bellavite, P., and Pettigrew, A. Miasms and modern pathology. Homeopathy. 2004, 93(2):65-66

24. Montfort-Cabello, H., Chronic diseases:: what are they? How are they inherited? Homeopathy, 2004,93(2):88-93

Indexed in:



JIFACTOR

