



CELL DEFENCE RESPONSES, GENETICS, HOMEOPATHIC PHILOSOPHY AND ITS RELATION IN DISEASE

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A living being or an organism right from a single celled amoeba to multicellular animals and complex cellular as a human being have been constantly engrossed ever since its existence to defend itself against hostile environment. Life on earth wants to go on, as every living organism has the love for life. It tries to overcome difficulties in every form to combat its way for life. This battle takes place between the offensive and defensive forces resulting in survival or death. The cell is attacked not only by animated beings like viruses, bacteria..but in animated things like chemical changes, changes in temperature, changes in the ionic balance at the level of cell membrane of every cell.. Which is the primary intelligence of any living organism? These changes alter the normal functioning causing a variation or disturbances in the otherwise harmonious life energy that is sustained in an organism. These changes or alterations give rise to or show an adverse effect in the form of symptoms/ results due to the combating effect called as 'disease'. In other words, an environment where the normal ease is disturbed. Based on the combating responses a cell develops intelligence depending on the type of invasion or damage that has occurred between the host and invading organism. Keeping this scenario.. We focus our details on the host defense mechanisms.

Defensive response of the cell is based on conserving, using or sacrificing its possessions. Just as in a broader perspective, use of man power or military intelligence for internal security purposes.. Likely..A unicellular cell observation gives us an insight of the events that takes place at the time of a defensive response. In Homeopathic science these defense mechanisms are broadly classified into the basic or initial response of the organism called 'Psora' (pronounced as So-ra) . when the defensive action prolongs or intensifies a second level of defence is initiated called 'Sycosis' (pronounced as Sy- co- sis) and the third response is initiated as the final and most



prolonged combat between the host and invading organism called ‘Syphillis’ (pronounced as Sy- phil- lis) are being understood in a microscopic way wherein the cellular and genetic changes are integrated to elaborate the understanding of Homeopathic Science, Cell biology , Genetics and a whole new key hole view of the divine dynamics every organism undergoes..

Three types of changes are elaborated as below:

1. Using or sacrificing the primary or first function is nutrition and respiration the cell brings about the “Physiological changes” or Psora- which brings on the basic inflammatory and irritative pathologies (causes in surrounding that are maintained to bring about ill health) in response to cell injury which is constructive or destructive , are secondary to primary response. On the cellular level..Irritation and inflammation is the start to all diseases. Primary response to hypoxia or ischemia leads to lack of nutrition initiating the anaerobic respiration of the cell affecting the oxidative phosphorylation by mitochondria, reducing the ATP generation. This effects the sodium potassium pump resulting in lethargy / failure to active transport system. on Genetic level, the Iso-Osmotic gain of water leads to swelling and disruption in protein synthesis reducing the cell tissue resistance making the cell prone to infection and function-laesa. Homeopathically on physical plain, the complaints are acute, sudden onset, severe, short duration and triggered by immediate expose to the causative factors. The body’s reactivity is high showing irritability/intolerance of environment and mental imbalances of slight degree. Physical complaints are observed prominently. Likeways treatment or medicine prescribed will act upon the similarity of intensity to recoup the loss or damage taken place.

2. Using or sacrificing second basic function at the cellular level is of generation or the cells capacity to generate leads to morphological constructive defence by sacrificing functions of Mitosis, which brings on morphological changes in the cell. Increased probability of infection acts as a threat to the cell for which the cell brings on a second



defense. To get rid of the toxins or pathogens it decides to go in for shift in gears of defense which brings reversible pathological changes where the cell and parts start accumulating at the level of cell wall or cytoplasm. Cell wall starts thickening by excess accumulation of lipids, proteins or glycogen, forming a wall to protect the cell from more irritation that cause polyps, warts, cysts, tumors, arteriosclerosis, plaque deposition of pigmentations and minerals. This state is called Sycosis. As and how the causative elements prevail, the defences increase in intensity bringing about repeated attacks of physical complaints with temporary relief. This indicates the repeated action of Will over the imbalances created within and without which provokes the development of secondary constructive defense. This reduces the effect of injury/harm.

3. When the first defense of inflammation is not sufficient to take care of invading hostile stimulus, shifts its gears of defend. The cell may undergo changes in genetic level to save organism, its defense shifts to destroying a part of it. This is done by using or sacrificing the third basic function of immunity, the morphological destructive changes bringing on pathologies like gangrene, necrosis, ulcers. This state is called "Syphilis". In developmental stages faulty organ development like scoliosis, kyphosis, cleft lip or cleft palate or internal organ defects are seen. Here a part of self is sacrificed to protect the whole in order to maintain the basic function of immunity. In other words sacrificing a part for the betterment of whole..death or omission of a part to revive retain maintain and supplement the whole body function for a healthy longer survival. However the loss of the cell part being irreparable or irreplaceable causing a defect in its otherwise capable resolve.

"Survival is only of the fittest". The fittest survives a strategy to defend itself, this strategy is encoded in the genetic code and the cell membrane of each cell. Every genetic code is specific for any individual, with specific genome. Every genome has its common mode of defense specific to that species, thus showing destructive or harmful invasion, in its unique way of defense.



These genes are responsible for their physical structure, mental makeup, their tolerances intolerances or susceptibilities to disease and tendencies of systemic affections. If genes have timidity or lack of "WILL", as one of the qualities then, compensatory to this, other qualities of gene have to or must be developed to create a balance for survival eg., timidity, to resign, be mild, lack of confidence in oneself ,bashfulness, to hide, insecurity are some of the characteristic behavioral traits developed due to negative will.

On the other hand if the individual has a positive, one develops confidence, pertinacity, obstinacy, perseverance, aggression, anger and rage, as its main weapon. This is to heighten a fact that man his structure and nature develops a hostile stimulus, which from within and without as terms of their nature one possess. Thus these "reactions", to situation that is the general makeup of an individual and hence defense oriented are influenced by genetic code. Whereas Mental reactions, solely depend on the intelligence of the individual, intellect, moral and will, react according to needs and circumstances to form a defense.

Thereby disease pathologies are due to mainly three defense mechanisms

1. Psora: the basic inflammatory reaction seen as the first reaction to defense.
2. Sycosis: morphological changes like thickening of the wall in physical and mental plane or extreme reduction or excess in on element in order to protect other more important functions into normal.
3. Syphilis: a destructive defense where the basic of immunity is to be protected, thereby sacrificing its one part which is less significant in Order to protect the whole system is seen

The very existence of man is defense oriented, physical structure is defense oriented, the mental makeup, attitude and behavior is defense oriented, even disease/ illness is a resultant of defense between the host and the invaders. This means that the physical mental and disease susceptibility of an individual depends on their capability to defense, which is an attribute to the genetic code and genetically governed along with the



intelligence mechanism played by the cell membrane adjusting and according itself to the environmental changes taking place outside the cell and management of potential environment within the cell wall and its cellular elements. These qualities of adaptation of every individual is inherited from their parent cells or can be an adaptation of an individual on the physical and mental planes which are then imprinted in the genetic code as ‘traits/genetic traits’

Thus Homeopathic medicines are given on the basis of individual’s action upon the environment and their traits in the form of INDVIDUALISATION. This means, every medicinal reaction over a person acts on a similar plain so as to rectify or strengthen the already prevailing positive will within oneself, providing and resolving a better defence system on the mental and physical pain. Rectifying or resolving a lack (negative will) and retaining its defense mechanisms against it, hence bringing about balance in the “Trinity of Life” ie., Mind, Body and Soul.