

Can the method of action of the I Ching Music which, like the original program of 360 compositions, seen by its developers in terms of traditional Chinese medical theory, also be understood according to current paradigms of Western science? The answer is yes if we focus on recent developments in the understanding of proteins that signal and especially if we consider their probable involvement in allergic reactions.

It is generally accepted that the first step in an allergic reaction is the body's recognition that it is in contact with an allergen. That is, it has information, a memory, that a certain substance is to be regarded as an allergen; and, from this information, the body can initiate the process known as an allergic reaction.

Current knowledge posits that this memory or information may be situated at different locations within the body; but, ultimately, this memory is believed to be stored within a protein, a signal protein.

An article in "Science" by Robert G. Smock and Lila M. Gierasch, "Sending Signals Dynamically" (2009 April 10 and available online at <http://ncbi.nlm.nih.gov/pmc/articles/PMC2921701/pdf/nihms212927.pdf> , whose pagination is used in the quotes following) reveals much that is known and much that remains to be verified about the role of these proteins that signal. What the authors state in their article is that "energy" is fundamental to the organization and function of these proteins: "The dynamic properties of signaling proteins are crucial to their functions. We discuss emerging paradigms for the role of protein dynamics in signaling. A central tenet is that proteins fluctuate among many states on evolutionarily selected energy landscapes. Upstream signals remodel this landscape, causing signaling proteins to transmit information to downstream partners." (p. 1)

The authors go on to state, "It is increasingly apparent that signaling relies on the intrinsic dynamic properties of proteins and that proteins relay signals by shifting among different fluctuating energy states in response to one or more inputs." (loc. cit.) Greater understanding of this process, the authors believe, will allow for "therapeutic modulators of signaling." (loc. cit.)

Smock and Gierasch describe the "intrinsic motions of proteins" in terms of music. They exist as "a symphony of dynamic modes oscillating at frequencies from picoseconds to milliseconds or even seconds." (loc. cit.) A chemical modification of a protein "alters this symphony, either gently changing its pitch or abruptly shifting the collective harmony." (loc. cit.)

Overall it is as an “energy landscape” that the protein is best described as it moves from state to state, configuration to configuration, in its complex folding which is related to its functioning. It has been found that “[t]he functional states crucial to signaling are in the lower energy regions of the overall folding landscape.” (p. 2)

The authors are interested in understanding how a protein can transmit signals, this involving a “full elaboration of its energy landscape” (*Ibid.*) and how this landscape is affected by interactions with material substances (other proteins, peptides, etc.) but not with a discreet energetic input which, from the above information, we might imagine need not be a high energy one to be effective in changing the “folding landscape”, which is directly related to the protein’s signaling properties.

If the information of an acquired allergy or imbalance is stored in the body in terms of a specific conformation, a folding of a signaling protein, let us say as a shift from a “normal” state to one which will respond to the electromagnetic properties of an allergen or unbalancing substance in question, we might imagine that, if this folding could return to its normal configuration, there would be no recognition of the substance should the body come in contact with it and, thus, no allergic reaction or imbalance.

It has been our experience, repeated thousands of times on many individuals, that the properly chosen varying sonic input as embedded in a musical composition in either of our programs will remove the body’s recognition that the substance targeted for treatment is to be considered an allergen or unbalancing substance.

However, the choice of the proper sonic energy input of the composition must be determined while the patient is in contact with the substance, usually in homeopathic form and in a glass or plastic vial. Muscle testing is a convenient method used by practitioners of this modality to find the needed composition.

We theorize that the signaling protein in this excited state (one specific to the allergen it is sensing, for example) might be considered more susceptible to the energy input from the selected music which will, as the treatment progresses, stimulate the configuration of the protein to return to its normal, its pre-allergen recognition state.

The music will also work in cases where the signaling protein is already actively transmitting information that an allergen is to be reacted to, as when the patient is in contact with a substance such as a prescription medication.

The I Ching Music can be used to energetically eliminate unwanted and compromising sequelae from childhood diseases and vaccinations as well as make the body tolerant of prescription medications. It might even be used as a tool to help researchers explore the body's reactive processes.