

Halalopathy: Improving Potential Energy and Minimising Entropy offer an Integrative approach for more Effective Treatment

Jawad Alzeer^{1,2*}

¹Swiss Scientific Society for Developing Countries, Zurich, Switzerland

²College of Applied Sciences, Palestine Polytechnic University, Hebron, Palestine

***Corresponding Author:** Jawad Alzeer, Swiss Scientific Society for Developing Countries, Zurich, Switzerland, College of Applied Sciences, Palestine Polytechnic University, Hebron, Palestine.

Received: March 21, 2022; **Published:** March 29, 2022

DOI: 10.55162/MCMS.02.027

Abstract

Efforts to improve prevention and cure are commendable. Many concepts have been introduced and implemented for this purpose. However, improving the effectiveness of existing medicines remains a challenge for research. Permissible medicine “Halalopathy” offers a new perspective to prevent disease by controlling the entropic state and/or facilitating cure by implementing the concept of permissible medicine. The entropic state is controlled by enriching the state of “no fear, no grief”, while permissible medicine establishes a compatible relationship between therapeutic medicines and people’s lifestyle. The healing power of each effect contributes to the healing process and enhances the overall effect of the medicine.

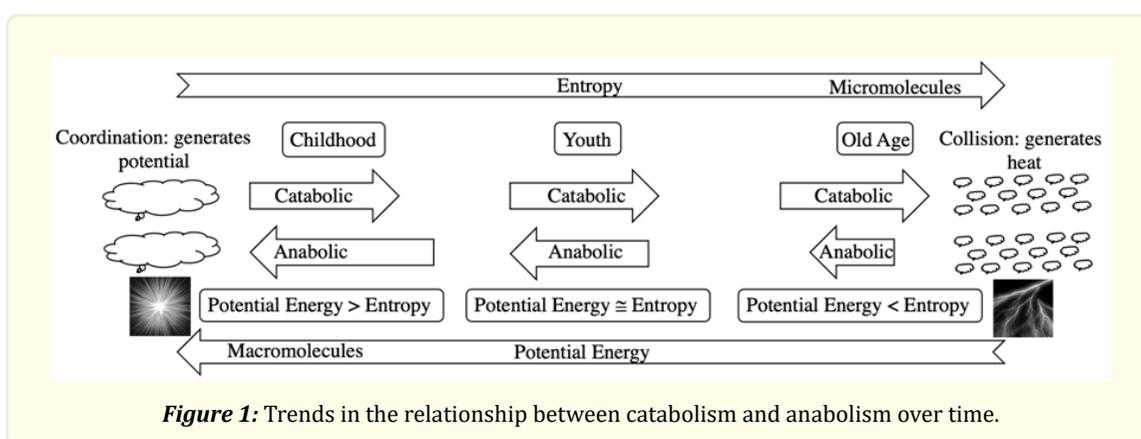
Keywords: Halalopathy; potential energy; entropy; healing

Introduction

Halalopathy is a new model for integrating mind, behavior, and health, in which psychology, spirituality, and rationality, in particular, can be combined, resulting in a well-organized, regulated, and interconnected health care system. The Halalopathic approaches are mainly hinged on mind-trust-drug and mind-trust-belief. When the drug and human’s belief are compatible, trust in the rationally designed drug will be synergized and placebo effects will be activated to bring about the healing process. Indeed an organized health system will decrease body’s entropy and elevate potential energy, which is an important aspect to promote the healing process, with a therapeutic drug toward complete recovery. Human existence is inherently structured to be able to rationalize, conceptualize, and maximize cause-effect interactions to create a compatible system in which human behavior is compatible with rational concepts. Compatibility creates a potential that is essential for enriching the potential energy used to overcome challenges and solve problems related to human existence. Maintaining health is becoming a major concern and a crucial issue for the preservation of human vitality. Humans have developed a traditional medicine and use medicinal plants and their chemical constituents either in various forms or in a single form for therapeutic purposes. Developing a brand-new drug from scratch to market is often a lengthy process that can cost billions of dollars. The challenge is to find ways to make an existing drug more effective and meanwhile provide patients with a complete recovery. Indeed, as in cancer, the concept of complete recovery is challenging, and complete remission is most likely the best possible outcome [1]. Miraculous cures or spontaneous remissions of severe and life-threatening diseases are always considered as non-reproducible and abnormal phenomena. To deepen and expand the concept of an effective medicine and complete recovery, all elements of disease and healing must be included. Therefore, the mind and body are intimately connected, and the link between mental state and physical health are fundamentally intertwined [2]. Considering all these basic facts and assumptions, Halalopathy, a permissible medicine, was introduced with the aim of activating the patient’s will for complete recovery [3]. The key elements of Halalopathy are potential energy, entropy, compatibility and rationally designed drug [4].

Halalopathy

Permissible medicine “Halalopathy” has been proposed as a new medical model that integrates mind, behavior and health. The implementation of the concept of permissible medicine can open a new way to prevent and cure diseases by controlling the entropic state (“state of disorder”). The concept of entropy and potential energy has been envisaged by Halalopathy as essential elements for the development and treatment of diseases. The availability of potential energy is fundamental to activate the immune system, and maintain the growth process, whereas the reduction of entropy is essential for the elimination of disorder and the maintenance of health. From a Halalopathic perspective, entropy and potential energy are intimately linked to catabolic and anabolic processes, whereby the availability of potential energy is crucial to drive the anabolic process, while the catabolic process is spontaneously driven by entropy. In the catabolic process, large molecules are broken down into smaller molecules, leading to an increase in entropy, while in the anabolic process, high potential macromolecules are formed (Figure 1). The magnitude and efficiency of potential energy is inversely related to entropy, a decrease in potential energy increases entropy, and vice versa [5].



The term entropy is widely used in almost all life sciences and subsequently explained from different perspectives, often confusing students and teachers. Entropy is commonly described as a state of disorder, randomness, or irregularity. However, in other explanations, entropy is expressed as forms of energy, such as dispersed or suppressed energy liberated in the form of heat [6]. In the entropic state, particles or molecules move in highly disordered waves, cause random movement in all directions and exhibit many microscopic states. The disorder arises when the cause-effect information is minimized, concept-behavior interaction is reduced and the internal compatibility is lost. Incompatible system disrupts the flow of information and commands from the brain leading to random responses, which increases the probability of collisions between particles or molecules. The collision of particles with each other is manifested in the form of heat eventually raising the temperature of the closed system, increasing kinetic energy, and causing the molecules to vibrate rapidly and violently, which affects the strength of the chemical bonds, weakening the strong bonds and breaking the weak bonds [7]. Thus, when entropy is increased, many settings have changed; covalent and non-covalent bonds are broken, hydrophobic effect is changed, rigid and native structure is modified and irregularity is increased, while complexity, facticity and sustainability are lost, water molecules are rearranged, the number of constitutions, conformations, configurations, rotations, microstates and phases are increased, concentration is decreased, molecular motions become non-coordinated, random in all directions, therefore it is fair to say that entropy creates a new state that is characterized by high disorder [8]. Thus, enhancing entropy in the body leads to a slight increase in body temperature, which in turn can disrupt hydrogen bonding in proteins and DNA. Hence, the accumulation of entropy in the body promotes the development of disease, while the reduction of entropy promotes prevention [9].

In potential energy, the particles or molecules move in a highly organized wave that travels in the same direction with relatively few microscopic states. The concerted and coordinated action of the particles produces work that is done on the object and manifests itself in the form of momentum. A system becomes well-ordered when cause-effect information is maximized, interaction between concept and behavior is enriched and internal compatibility is enhanced. A compatible system enhances the flow of information and

commands from the brain, leading to more effective and productive responses. This is a normal and healthy situation in which defects and errors in the body are simultaneously perceived and corrected.

Disease is an abnormal and disordered state with high entropy, while health is a state of balance and stable homeostasis, it is the state of high potential. Disease prevention can be controlled by adjusting the potential energy in the body. When potential energy is high, the immune system activates the fight mode, while suppression or dispersion of potential energy may trigger the flight or fright mode respectively. In general, energy imbalance and dispersion or suppression of potential energy can lead to either increases or decreases in the rate of biological processes affecting certain physiological activities, resulting in either enhanced or reduced function at the cellular, tissue, and organ levels, and ultimately leads to disease development. Disease prevention is mainly based on enriching the state of high potential and reducing the state of high entropy. This can be achieved by establishing a connection between mind and body, by developing a state of no fear and no grief, a state of tranquility. The state of fear “anxiety” or grief “depression” are highly disordered and can be reduced by the enrichment of the high potential state (a state of no fear and no grief). In anxiety, the high potential state can be induced by stimulating relaxing/inhibiting neurotransmitters (resist fear) and in depression by stimulating excitatory neurotransmitters (resist grief) [10].

Complete recovery favors prepared mind

Effective healing requires the involvement of the patient in the healing process. Therefore, it is suggested to establish a link between the therapeutic drug and the patient’s lifestyle. Individuals have different lifestyles, some are vegetarians or vegans, others have sensitivities to lactose, gluten or sugar, others follow kosher or halal guidelines [11]. Lifestyle of the individual is actually a system in which the individual trusts most and highly affects the epigenetics makeup [12]. Building a connection between lifestyle and what we eat (food, medicine) paved the way towards a compatible system where the concept and the behavior are well connected, and cause-effect information is maximized. Compatibility between the health system, medicines and the individual’s lifestyle leads to a personalized health system, enhances trust and confidence, improves the flow of information and commands from the brain, thus increasing overall potential energy. The placebo effect is triggered on the one hand by building trust between patient and physician and on the other hand by building confidence between patient and medicine. Activation of the placebo effect and potential energy, while reducing entropy, creates favorable circumstances that initiate the healing process, which works together with the prescribed lifestyle-compatible medications to promote healing toward a complete recovery. The healing power of Halalopathy does not depend solely on the placebo effect, therapeutic effect and potential effect, but the overall effect creates a synergistic effect where each component contributes to the totality of the holistic and integrative healing process, resulting in more effective drug and therapy [13].

There are many approved drugs on the market that are designed to cure various diseases with the sole purpose of providing a therapeutic value, yet for complex diseases such as cancer, they cannot provide a complete recovery. According to Halalopathy, cure ensures remission, while healing ensures complete recovery. Therefore, it is not enough to rely solely on the curative effects of drugs to activate the healing process. Rather, a holistic view and an integrative approach is required to create favorable circumstances that include building a compatible system, stimulating potential energy and reducing entropy to activate the immune system, trigger healing and achieve complete recovery.

Conclusion

Halalopathy is a therapeutic approach based on the notion that complete recovery favors a prepared mind and can be achieved when the immune system plays the main role in the healing process. To activate the immune system, sufficient potential energy is needed, therefore the potential phase has to be enriched while the entropic phase has to be reduced. The core concept of Halalopathy is based on the principle of “compatibility creates potentials”, whereby the promotion of potentials activates the patient’s will to heal. Personalized medicine ensures a compatible system, i.e. it creates compatibility between medication and the individual’s epigenetic makeup, lifestyle, which in turn creates a highly ordered system that strengthens trust and reduces entropy. The favorable circumstances for healing include compatibility, high potential energy and low entropy, which together with the prescribed lifestyle-compatible therapeutic medicines promote the healing process to complete recovery. Each element contributes to the overall healing process, creating a synergistic effect and enhancing the overall effect of the therapeutic drug.

Acknowledgment

We would like to thank Prof. Khaled AbouHadeed and Prof. Fawzi Al-Razem for useful discussion and support.

Conflicts of Interest

The authors have no conflicts of interest to declare.

Funding

No funding was received for this article.

Ethical Statement

“The authors are accountable for all aspects of the work in ensuring that questions related to the accuracy or integrity of any part of the work are appropriately investigated and resolved”.

References

1. Alfano CM and Rowland JH. “Recovery issues in cancer survivorship: a new challenge for supportive care”. *Cancer J* 12.5 (2006): 432-43.
2. Edwards JR and Cooper CL. “The Impacts of Positive Psychological States on Physical Health: A Review and Theoretical Framework”. In: Cooper C.L. (eds) *From Stress to Wellbeing* Palgrave Macmillan, London 1 (2013).
3. Alzeer J. “Halalopathic: A new concept in medicine”. *J Mol Genet Med* 12 (2018): 353.
4. Alzeer J. “Halalopathy: A science of trust in medicine”. *J Integr Med* 17 (2019):150-154.
5. Danny H., et al. “Energy Demands of Early Life Drive a Disease Tolerant Phenotype and Dictate Outcome in Neonatal Bacterial Sepsis”. *Frontiers in Immunology* 9 (2018): 1918.
6. Fratzscher W and Stephan K. “Waste energy usage and entropy economy”. *Energy* 28 (2003): 1281-1302.
7. Stoner CD. “Inquiries into the nature of free energy and entropy in respect to biochemical thermodynamics”. *Entropy* 2 (2000): 106-141.
8. Vorov OK, Livesay DR and Jacobs DJ. “Conformational Entropy of an Ideal Cross-Linking Polymer Chain”. *Entropy* 10 (2008): 285-308.
9. Alzeer J. “Entropy and potential energy as a key role of Halalopathy in disease prevention and cure”. *Longhua Chinese Medicine* 3 (2020): 20.
10. Alzeer J. “Halalopathy: Revival of Miraculous Cure and Creation of Favourable Circumstances for Cancer Therapy”. *Medicon Medical Sciences* 2.3 (2022): 21-28.
11. Alzeer J. “Permissible Medicine and Rationalization of Halal Pharma”. *HS* 1 (2021): 43-52.
12. Alegría-Torres JA, Baccarelli A and Bollati V. “Epigenetics and lifestyle”. *Epigenomics* 3.3 (2011): 267-277.
13. Alzeer J. “Halalopathy: integrating mind, behaviour and health”. *Research OUTREACH* (2020).

Volume 2 Issue 4 April 2022

© All rights are reserved by Jawad Alzeer.