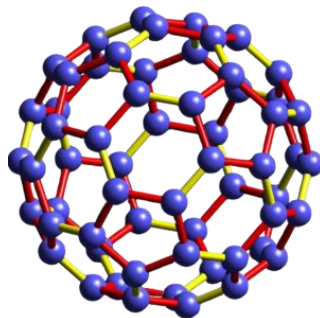


# Quantum Technology

Another fascinating layer to our products involves **Quantum Harmonic Terahertz Wave Resonance Technology**, which specifically works by interacting with water molecules.

Quantum Harmonic Terahertz Wave Resonance Technology helps to build and maintain the natural structure of the water turning the water molecule into “**informed water**” with “**quantum coherence**” with a “**buckyball-like**” pentagonal dodecahedral structure. Or, water structured in the **Golden Ratio**.



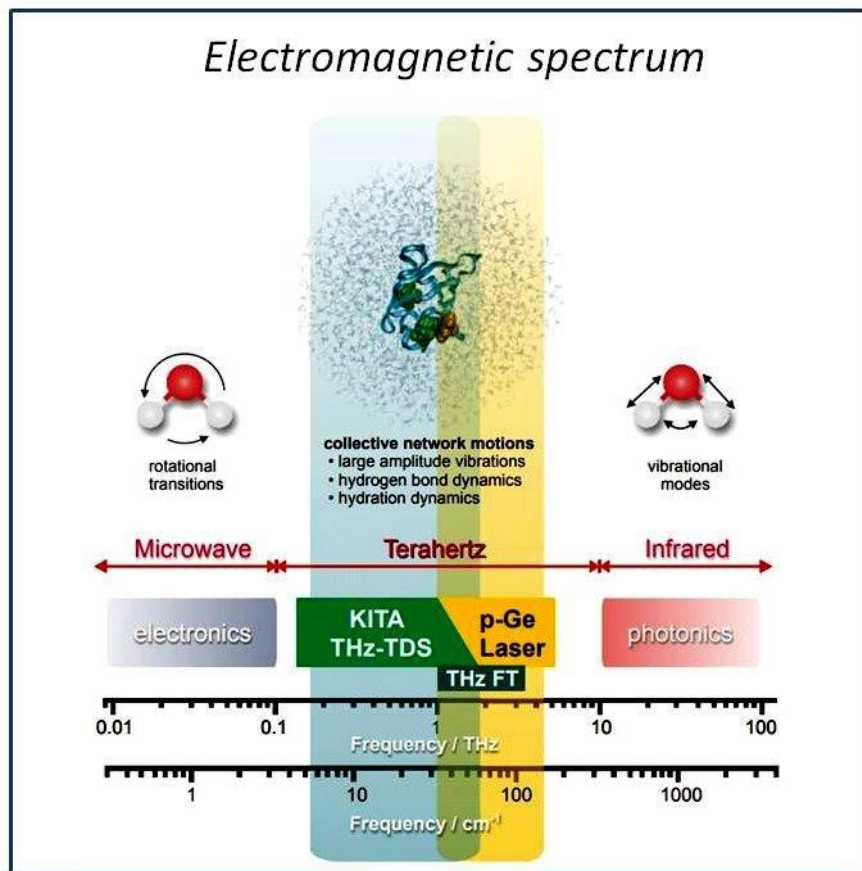
Pentagonal water clusters have been experimentally identified as being key to the hydration and **stabilization of biomolecules**. Such examples indicate the tendency of water pentagons to form closed geometrical structures at biomolecular interfaces including DNA, RNA, Proteins, and Amino acids. The “**restructuring**” or clustering of water molecules may even determine biological cell architecture and function.

Water—“restructured” as nanoclusters of the above-described type—plays a key role in the proper folding of proteins. The misfolding of proteins, making them dysfunctional and disease-causing, is likely associated with the failure of water molecules to congregate in clusters that properly interact with the protein. The development of remedies to assist with such diseases should therefore be focused on the restoration of water clustering at the protein interfaces. Water cluster “surface” **Terahertz (THz) vibrational modes** are especially important because

they couple or “resonate” with THz-frequency “bending” vibrations of the amino-acid residues in proteins. [R]

Kinetic THz absorption (KITA) studies of protein folding recently revealed that the water network surrounding proteins is dynamically **rearranged in milliseconds before the protein folds** to its native state within the following seconds. Some 1000 water molecules are "brought into line" by one protein. What this means is that **water actually controls how a protein decides to fold**.

Therefore, the use of Quantum Harmonic Terahertz Wave Resonance Technology dictates biological cell architectures. [R]



<https://www.researchgate.net/profile/Hans-Geesink/publication/331976119/figure/fig4/AS:740007266488320@1553442889092/Electromagnetic-spectrum-from-the-microwave-to-the-infrared-region-The-terahertz-THz.jpg>

The use of Quantum Harmonic Terahertz Wave Resonance Technology promotes cellular harmony. This is done via coupling of the THz electromagnetic field to the water clusters leading to “**quantum coherence**”. [R]

An expectation in the biological community is that life originated in water. Water provides the medium in which all biochemical reactions take place. The importance of water to living organisms is due to its peculiar features. The assembly of water molecules shows electromagnetic and electronic collective states that contain “quantum imprints or molds” for living cells which implies quantum coherency and quantum entanglement.

Water owes these unique properties to the polarity (i.e. dipole character) of its constituent molecules, which form bonds among each other as well as with other polar molecules. Biological systems exhibit macroscopic **quantum properties and superconductive properties**.

The implication goes also to the cosmic dimension, where the combination of interstellar (cosmic) dust and structured water provides a semi-conducting electromagnetic conduit. It could promote the quantum entanglement of microscopic (Planck level) and macroscopic (cosmic level) wave information as a **connective principle in the fabric of reality!** [R]

Water is key to the existence of life as we know it. Water is an information carrier. Water has the ability to store the information of molecules dissolved in it. Our bodies are made up of over **90% water**. These body fluids literally resonate with different frequencies. Water molecules organize themselves in our bodies into honeycomb-like water structures. Structured water, also known as hexagonal water, is water where the molecules form a hexagonal cluster.

**“To understand water is to understand the cosmos, the marvels of nature, and life itself.” - Masaru Emoto**

**“Water is the driving force of all nature.” - Leonardo da Vinci**

**"A man of wisdom delights in water." - Confucius**

Consequently, the potential of water to organize biological systems is also expected to play an active and essential role for any origin of life scenario. Quantum electrodynamics (QED) reveals that all molecules fluctuate in unison between two distinct configurations (the ground and the excited one) and in tune with the enveloping vacuum electromagnetic field.

Quantum Harmonic Terahertz Wave Resonance Technology gives rise to a unique field resulting in the collective dynamics of the water molecules; they start to behave as a single (quantum-like) object. Biological dynamics appears, therefore, as a close interplay between electromagnetism and chemistry, where fields are able to make the molecules interact through resonance, and molecules are able to regulate the field frequency through reaction energies.

It has been shown that electromagnetic fields affect both the degree of entanglement, and indicate that a coherent quantum entangled wave function exists. A striking finding tackled the observation that life systems, as studied in 550 biomedical articles and 80 reports about entanglement and superconductivity, showed distinct frequency patterns. This strongly suggests that coherence, entanglement and superconductivity may be prerequisites for life.

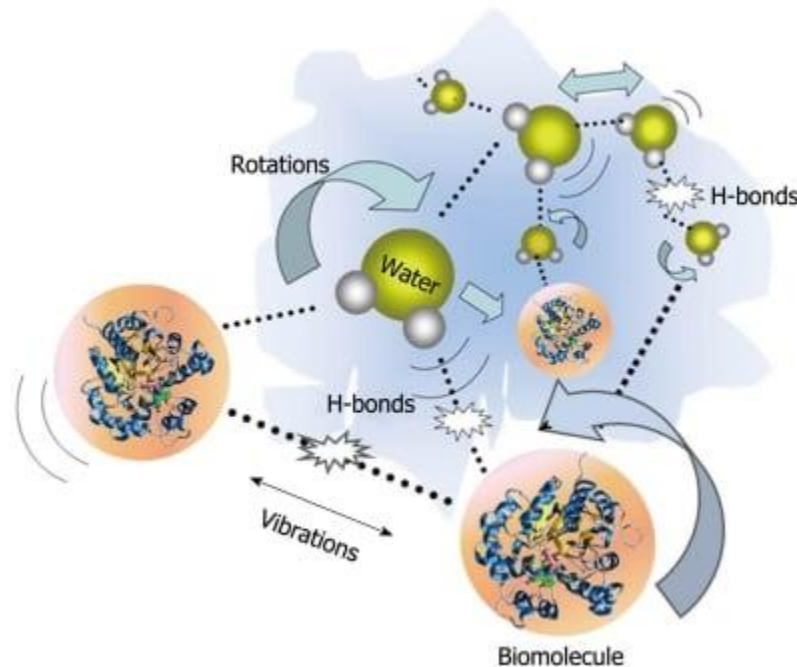
Researchers found that the beneficial biological effects related to the effects of in vitro or in vivo electromagnetic stimulation (defined as coherent) could be positioned on the range of the **Pythagorean-scale** producing **“entangled quantum wave function”**.

A healthy living system has a high level of coherency, while an unhealthy one shows a low level of coherency or even a high level of decoherence.

In other words, this process helps harmonize your cells and exponentially increases absorption through enhanced endocytosis (taking in of matter).

We are, at our core, Hydro-Electric Beings consisting of roughly 90% water and massive amounts of ion channels that control our electrophysiology.

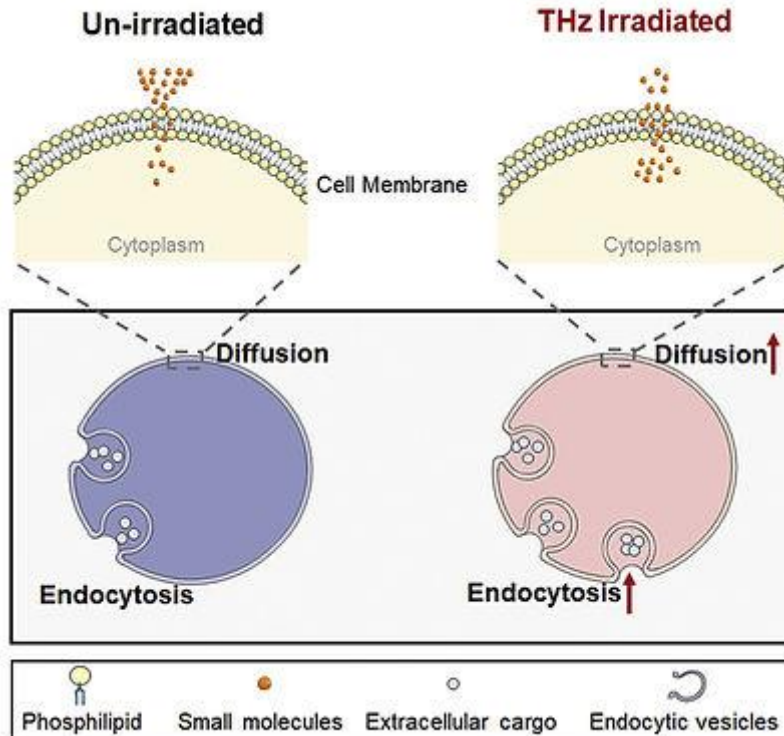
The Terahertz Frequency Wave primarily works with water channels (aquaporins) and hydrogen bonding for our benefit. In fact, the very structure of our DNA is held together through hydrogen bonding.



## **Increased Bioavailability**

In a process known as endocytosis (taking in of matter), applying the Terahertz Frequency Waves to the solution naturally increases the bioavailability of the ingredients by allowing more of the molecules to pass into the cell.

The capacity of DNA, RNA, and proteins to catalyze energetic reactions and convey information depends on their vibrational states and phonon modes accessible using Terahertz Frequency Waves.

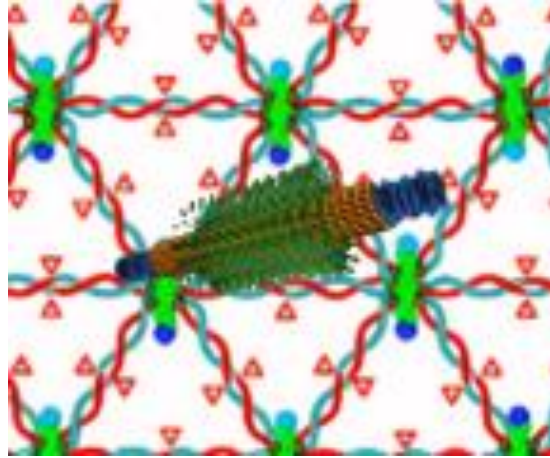


## STUDY

[Terahertz waves facilitate the transmembrane transport of small molecules](#)

## Triplet Resonance Enhanced Frequency

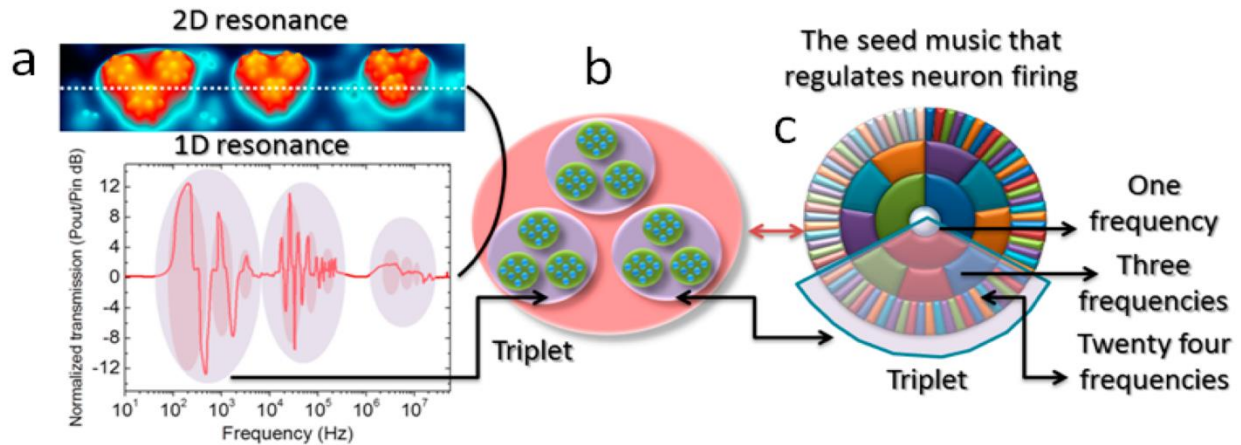
In the ever-evolving landscape of health and wellness, Glyco Synergy stands at the frontier, revolutionizing how we approach total body wellness through the intricate harmonization of our cellular architecture. At the heart of this innovation is the application of **Triplet Resonance Enhanced Frequency**, a groundbreaking approach that works in exquisite harmony with our body's cellular structures, particularly through the **microtubules** and **actin/spectrin** networks.



[Triplet resonance bands of microtubule](#) (Video)

## Understanding Microtubules and Actin Networks

To grasp the magnitude of this advancement, it's crucial to first understand the pivotal roles of microtubules and actin networks in our bodies. These are the building blocks of the cytoskeleton, providing structure and support to our cells. Not just static scaffolding, these elements are dynamic in nature, responsible for a plethora of critical cellular functions including the precise timing of electrical signals in neurons, as revealed in research highlighted on [SpaceFed.com](#).



[Triplet of Triplet Fractal Resonance Harmonics of Neuronal EM Information Processing](#) (Video)

These tiny biological components function akin to **fractal antennas** within our body, resonating at the cellular and molecular levels. But how exactly do they affect the body's electrical signals?

### **Electromagnetic Vortices and Cell Communication**

It turns out, just below the membrane of a cell lies an actin filament network arranged like a grid, capable of generating **electric field vortices**. Imagine these filaments coherently **activating ion channels in a circular patch** of the cells membrane, essentially steering an electrical signal's pathway.

Using sophisticated technologies, the Bandyopadhyay research team visualized this in action. They observed how the neuron's core—full of microtubule networks— instructs a cylinder-like grid formed by actin and another protein called beta-spectrin. Together, these structures create electrical vortices capable of regulating when cells fire their signals.

These **Fractal-Antenna-Like-Biopolymers** are akin to “**Dielectric Resonators**” that form **Cylindrical Superstructures** of **Ionic Electrical Vortices** which fire **200 microseconds** before a cells electrical signal initiates. These Electromagnetic Vortices are **1000 times faster than a nerve spike** and form a **3D Gaussian Wave Packet** creating **Morphic Resonance** thereby regulating the timing of action potentials with unparalleled precision.

### **The Breakthrough of Triplet Resonance Enhanced Frequency**

Leveraging this profound understanding, Glyco Synergy's range of wellness products incorporates **Triplet Resonance Enhanced Frequency**, aligned with the natural vibratory modes of our cellular makeup. This resonance frequency is specially designed to complement the scale-free electromagnetic dynamics of



microtubules and actin, which as research indicates, are pivotal in the fractal and scale-free resonance patterns within our cells architecture.

By imprinting this Triplet Resonance Enhanced Frequency into our products, Glyco Synergy aims to fine-tune our cells naturally, promoting a state of cellular harmony reminiscent of the complex spatiotemporal electromagnetic field patterns observed in the human body. This approach supports the body's intrinsic healing and regulatory mechanisms.

This process catalyzes a form of natural "**tuning**" within our cells, fostering an environment where electromagnetic vortices can regulate electrical signals with precision. This harmony magnifies the body's ability to maintain wellness, achieve balance, and enhance cognitive and physical performance.

### **A Leap Towards Harmonic Wellness**

Glyco Synergy's implementation of Triplet Resonance Enhanced Frequency embodies a quantum leap in how we approach supplementation and wellness. It's an acknowledgment that our bodies are not merely collections of parts to be treated in isolation but intricate systems governed by electromagnetic principles and vibratory harmony.

In crafting products that resonate with the deeper frequencies of our biology, Glyco Synergy is not just enhancing wellness; it is redefining it. Inviting us into a paradigm where healing and overall well-being are synchronized with the foundational electromagnetic signatures of life itself.

Embracing these innovations propels us towards a future where health is not simply managed but harmonized, tuning into the natural frequencies that orchestrate life at its most essential level.