



Quantum Medicine Update

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The Forgotten Role of Water in Achieving a Superorganism Potential

The editor in chief of the June 2012 *Scientific American* stated, "We are each a walking superorganisms, hosting our own unique microcommunity. Nobel Prize winner Joshua Lederberg dubbed this inner ecosystem a microbiome, acknowledging its complexity and interconnectedness."¹ Water is the cornerstone of achieving a superorganism potential and in restoring wholeness.^{2,3} With its 10 times as many microbial cells as human cells and millions of times more genes, scientists now acknowledge that killing them off or altering microbiome expression can sow the seeds of degenerative disease and obesity.^{1,8}

Today, the microbiome is under siege by human-produced pollutants with a positive ionic charge in water and the overuse and abuse of antibiotic or anti-infective therapies. We need to fight against this ecosystem disruption and destruction with diet and revitalized water. The microbiome nourishes human cells with hundreds of thousands of unknown, hard-to-get fermented "synbiotic" nutrients, providing it with a habitat that favors biodiversity and sustainability combats inner ecosystem disruption or dysbiosis. Water helps us achieve the deeper reality of an unbroken wholeness or a functional unity that results in durability against stress, integrity, stability and strength, and high-level wellness.

Since microbial cells represent the majority of bodily cells, we cannot starve, dehydrate, or depolarize them, nor should we focus all our nourishment efforts solely on human cells (the genome). Dynamical biological microbiome networks execute the functions of life and help us digest food, degrade or upgrade our cellular nourishment, detoxify, and integrate immunological and all physiological functions. In the past three decades, my empirical research has focused on acquiring an understanding of gut microflora ecology, quorum sensing, composition, loops, and processes such as intestinal adherence, colonization, translocation, and cell polarity.^{1-3,7,8}

In an earlier 2005 Quantum Medicine Update column, I stated:

In the pristine natural environment there is an energetic interchange between water and the oscillatory polarities of nature. Ideally, water should interact with the body – not like the parts in a machine, but like the instruments in a symphony orchestra combining their tenor, volume, and resonance to create beautiful music. When the harmonics of water resonate in unison with the crystalline structures of the body in the exahertz-nanotesla range of biophotons, life-sustaining neuroenergetic polarities help to orchestrate innate inner physician healing and healthy microbiome expression.²

French Nobel Prize winner Dr. Luc Montagnier explained that water has electrochemical properties and holds the memory of anything that it is in contact with.^{10,11}

Water-borne memories of stored toxins, electromagnetic or modern-day electropollutants such as Wi-Fi frequencies, unstable chlorination or fluoridation compounds, or the unstable sodium of water softeners challenge homeostasis with life-restricting, depolarizing, and frequency-scrambling information. The ultimate goal in water revitalization is to erase this stored and toxic information and restore nature's original intent by infusing water with resonant polarities (objectively verified under a polarized microscope as rainbow-colored crystallization patterns).^{2,3} Since water purification and revitalization approaches neglect the physics of water and the vast genetic diversity of the microbiome and studies have linked microbiome deficits to cancer, obesity, prolonged inflammation, and a wide spectrum of diseases, it becomes obvious why there is a critical need to focus clinical attention on the kind of water consumed and used by our patients.^{1,5-9}

Leroy Hood, MD, who invented the DNA sequencer that made the Human Genome Project possible, stated, "The Human Genome Project gave us a parts list of genes and their



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► proteins, but we still needed to understand them in the context of the entire biological system. The grand fallacy back then was that genomics could give us the answer to everything.” Stanford University School of Medicine researchers stated: “The human-microbial ecosystem plays a variety of important roles in human health and disease. Judicious application of ecological theory may lead to improved strategies for restoring and maintaining the microbiota and the crucial health-associated ecosystem services that it provides.”⁹

There are two strategies – create bandages in the form of symptomatic treatment that covers microbiome deficits, or nourish and restore a focused, integrative ecosystem habitat that allows the microbiome to thrive in a toxic and polluted world.^{2-3,7,8} Strong inseparable links of unbroken wholeness pave the road to high-level wellness via a greater expression of embryologic and microbiome wisdom through human and microbial cell polarities.^{2-3,7,8,17-28} Even airborne exposures to these unstable ionics and toxic information in water while showering or bathing may induce and promote cell polarity deficits that lead to prolonged inflammation, lymph, skin, and kidney disorders. Any water with ionic charges, no matter how clean, alkaline, or well-filtered it is, can turn off the hepatocyte production of bile as well as the riboswitches of over 5 million genes in the microbiome. Restoring the resonant polarity of water via flexoelectric technologies mimics the fractal patterns of nature, causing the magnetic dipoles of water to form crystalline resonant polarities.³

The Amazing Nourishment, Cleansing, and Bioregulation Effects of Quantized Flexoelectric water

More scientists are learning that ion flows in water and resonant polarities play huge roles in healing and regeneration. Dr. Michael Levin of Tufts University states:

Regenerative biology has focused largely on chemical factors and transcriptional networks. However, endogenous ion flows serve as key epigenetic regulators of cell behavior. Bioelectric signaling involves feedback loops, long-range communication, polarity, and information transfer over multiple size scales. Understanding the roles of endogenous voltage gradients, ion flows, and electric fields will contribute to the basic understanding of numerous morphogenetic processes and the means by which they can robustly restore pattern after perturbation.¹²

Dr. Lawrence M. Krauss of Arizona State University thinks that a drop in cell polarity occurs because humans are “overpowering nature. We are living in an era of the greatest extinction rates in recorded history and we have dismembered the dominant incubator of life on earth, the rain forests.”¹³ Since quantized water can be polarized and energized to evoke paths of embryonic wisdom from the dorsomedial ectoderm of the embryo, it has the potential to:

- **restore functional unity and innate healing:** Water with unstable ionics or electropollution can cause severe losses in functional unity by lowering mitochondrial output to subdue embryogenesis and regeneration. Indeed, recent

studies have shown that the mitochondrial bioenergetic functions play a key role the maintenance of cellular homeostasis and metabolic plasticity for self-renewal or regenerative functions in embryonic, hematopoietic, mesenchymal, and induced pluripotent stem cells.¹⁴⁻¹⁸ The polarity of water has the amazing potential to activate epithelial stem cells and efficient recruitment of their proliferating progeny in cutaneous wound healing. It is well known that cell recruitment, proliferation, differentiation, and patterning are critical for forming biologically and structurally viable constructs for repair of damaged or diseased tissue. However, cells often need to be supplied with external biological and physical stimuli in water to coax them toward targeted tissue functions. Quantized water may offer insight into the special requirements for healing damaged or diseased bone and the highly polarized hepatocytes that calibrate microflora, parallel changes in energy metabolism, and influence carbohydrate and lipid metabolism, protein synthesis, detoxification, and bile production and secretion.¹⁹⁻²⁵ A normal membrane polarity has been proven to be vital for hepatocytes to perform many diverse and vital functions as conserved guardians of cellular energy.²⁴ Up-to-date science supports my earlier empirical data on cell polarity, biliary stasis/dyskinesia and duodenitis and inner ecosystem dysfunction.^{1-3,7,8,18-28}

- **greater microbiome biodiversity and sustainability:** Water emits and absorbs oscillations that are distributed to the body at faster-than-light speeds. It has an immediate affinity to vibrational resonances and the unique ability to conduct this energy into the body’s human and microbial cells. It is well known that water low in healthy resonant polarities favors dysbiosis and biofilm infections.²⁹⁻³² Water can upregulate nutrient uptake, dramatically improve microbiome nourishment via fermentative actions, provide crisis-free detoxification, and enhance electron transfer functions to reduce oxidative stress in the submolecular realm (where homeopathy has already shown us powerful methodologies to control and regulate biochemical reactions).

In summary, the quantum domain of water is the grand organizer of life that maintains the interlocking and cross-linked gearlike patterns of embryologic and microbiome wisdom. The roots of wholeness involve the quantum dynamics of the resonant polarities in water that allow tissues and organs to be properly organized at the cell polarity level.¹⁹⁻²⁷ Objectively verifiable and measurable observations are the cornerstone of the physical sciences and teach us that we cannot take a complicated, superintelligent microbial ecosystem and disrupt it by treating maldigestion or waging war against dysbiotic or opportunistic infections. Instead, by hydrating and restoring the niche and habitat for microflora colonization and nurturing the inner ecosystem, we set our goals on achieving a superorganism potential.^{7,8} With ecosystem biodiversity and sustainability restored, we can finally provide superior nourishment to human cells as well as a gold mine of anti-inflammatory, antitoxin, anti-infective, or anticancer compounds.^{3,7,8}