



SPEAKER PRESENTATION TOPICS

Benjamin Bonavida, PhD

Title: The Effect and Mechanism of Stable Water Clusters on Melanoma Cells

Abstract: We have initiated studies comparing a control and a water cluster preparation supplied by Dr. Yin Lo for analysis (coded preparations A and B). We have elected to investigate the effect of these water preparations on human melanoma cancer cell lines. The rationale for using melanoma cell lines was based on our previous investigations on both the phenotype and genotype of the cells and how they are affected biochemically and molecularly by various chemo-sensitizing agents used at very low concentrations.

We hypothesized that any effect mediated by the water preparations will be easily discerned. Briefly, comparing the two preparations, we have found that treatment of melanoma cells with medium containing different concentrations of A and B, we observed that, while preparation A had no effect, in contrast, preparation B showed the following: 1) inhibition of cell proliferations 2) induction of modest cell death by apoptosis and 3) sensitization of the drug-resistant melanoma cells to chemotherapeutic drug-induced apoptosis. Based on these findings, we postulated that cells treated with preparation B must have undergone molecular and genetic changes that were responsible for the observed effects. Accordingly, we analyzed the genetic changes that take place following treatment with preparations A and B using mRNA assays for 97 genes that regulate cell proliferation, cell death and drug resistance.

The findings revealed that only a small number of genes were modified by preparation B in comparison with preparation A. The most notable changes were gene products that regulate the apoptosis pathways and metastasis. These findings were consistent with the *in vitro* findings described above. We were then told that preparation B contained water clusters. Altogether, these preliminary findings suggest that water clusters affect tumor cell growth, invasion and their resistance and, if confirmed by additional studies on different tumor types, may have future clinical significance.

Russell Boyd, PhD

Title: Visualization of Internal Stabilization and Destabilization in Small Water Clusters

Abstract: Local changes in atomic energies provide insight into the regions of stabilization and destabilization associated with the formation of water clusters. The variations in atomic energies reveal hydrogen bond cooperativity and correlate with the hydrogen bond strengths. Recent results for water hexamers will be discussed.


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Raymond Hilu, MD

Title: Cellular Medicine and Stem Cells

Abstract: After having treated 18'000 patients mostly (mainly Lyme and Cancer), I am able to affirm that we should not be talking about Lyme, Cancer or any other disease. We need to learn all about the provoking agents that people do not consider important enough and they allow them to build up in their bodies until they start to get alarming symptoms such as CANCER, FIBROMYALGIA, LYME or simply a HEADACHE. Such symptoms if not treated properly can make you very sick and in the worst of the cases they can kill you.

Therefore the important issue is to be able to use good diagnostic tools such as Cellular Microscopy, which is one of my favorites as I am able to see hundreds of elements and distinguish the ones that are wrong and thus set up a tailor made treatment to correct them and help the patient recover his health.

A----Good HEALTH is the goal and in order to achieve it we need good DIAGNOSTIC tools: cellular microscopy, blood screening, M.R.I.'s, thermographies, ph measuring, membrane electric potential control, etc...

B----Good HEALTH is the goal and in order to achieve it we need good THERAPEUTIC tools, which we would choose in view of the readings, we get from the diagnostics. The ones we utilize at our clinics are: dietary adjustments, plasma generators, ionic transfers, local deep oncological hyperthermia by radio frequency at 13'56 MHz, systemic hyperthermia, superficial hyperthermia, biocatalytic oxygenation, orthomolecular, bio frequencies, laser, detoxifying programs, ozone, growth factors, autologous stem cell surgery (non invasive), double helix water and an outstanding tool: DOUBLE HELIX WATER APPLIED IN STEM CELL SURGERY.

Combining A & B over the years has allowed us to help patients get rid of their Lyme in 90% of the cases and aggressive symptoms such as different types of cancer went into remission in 85% of the cases. Syndromes such as fibromyalgia were eradicated in 98% of the cases. The secret? Match the outcome of the diagnostic tools with the appropriate therapy and avoid using general non-personalized protocols

Mae-Wan Ho, PhD

Title: Water in Living Organisms Form Superconducting Channels

Abstract: New evidence suggests that the hydrogen in the hydrogen-bond is quantum delocalized between two water molecules, predisposing water to proton conduction, especially in confined nanospaces. Water aligned by collagen fibers fulfills all the criteria for proton super-conduction, making them excellent candidates as meridians of traditional Chinese medicine, as Ho and Knight (1998) proposed.

Shirley Layton, MD

Title: Double Helix Water Effect on Type 2 Diabetics

Abstract: We look at the effects of Double Helix Water on subject's energy and wellness, and report on their shift in blood sugar, weight, blood pressure, diabetic symptoms; and show results from thermographic images.


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James Lo, PhD

Title: Approaches to Enhance the Quality of Life after 50- A Personal Account

Abstract: There are many diseases that are diagnosed with complicated testing but no effective treatments. Frequently alternate medical approaches offer solutions to these degenerating processes. In this communication, the author will present his personal data on how he enhances his quality of life with Double Helix Water, acupuncture, quikong, and ginseng.

Shui Yin Lo, PhD

Title: The Improvement of Health & the Meridian System with Stable Water Clusters

Abstract: Visual images of 14 Meridians are shown from thermographs taken of ordinary subjects. Meridians are like optical fibers that carry heat from inflammation of internal organs inside the body to the surface. The body's surface temperature is measured from these thermographic images and will show hot lines and hot spots that can be identified.

Stable Water Clusters is a new solid phase of water that does not melt at standard temperature and pressure. Hundreds of visual images of Stable Water Clusters have been taken with an Atomic Force Microscope. Snow Flakes are also a solid phase of water that have beautiful patterns. Here we show patterns of another solid form of water that seem to have both animate and inanimate shapes.

Of all the Stable Water Clusters, the ones that produce a double helix (DHW) are investigated most as related to health. We have done control studies that show DHW can improve energy, concentration, pain, and health. Many cases of subjects with immune diseases such as diabetes, arthritis, rheumatoid arthritis, Lyme diseases, etc...have been reported. In particular, extensive studies with autism will also be reported. The DHW works like a needle in acupuncture. It enables healthy energy (Qi) to flow better and stimulate an intrinsic self-healing mechanism of the body. We expect that DHW can improve someone's health no matter their state.

Jeffrey Marrongelle, MD

Title: The Influence of Double Helix Water on Bio-impedance Values and Heart Rate Variability

Abstract: Dr. Marrongelle will be discussing the effects of Double Helix Water (DHW) on Bio-impedance body composition values and Heart Rate Variability (HRV). Dr. Marrongelle will review several cases in which he used double helix water in clinical practice over an extended period of time and how its usage has affected HRV and Biomarkers. Showing before and after HRV tests will provide some insight into the affects double helix water has on the Parasympathetic and Sympathetic Nervous System. We will explore the impact of DHW on Intercellular/Extracellular and Total Body Water values and the implications on foundational physiology.

Paul H. Patterson, PhD

Title: Gut-Brain-Immune Connections and Autism

Abstract: There are number of immune-related links to autism, as well as gastrointestinal (GI) symptoms. We have modeled an environmental risk factor for autism, maternal infection, in mice and find that the offspring of immune-activated mothers exhibit many of these same autism-like symptoms. In such offspring, modifying the immune system or the GI microbiota can prevent many of these symptoms. thermographic images.


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Gerald Pollack, PhD

Title: The Secret Life of Water: E=H₂O

Abstract: The lecture will present evidence for the presence of this novel phase of water, and will consider the potentially broad implications of this phase for physics, chemistry, engineering, and also for biology and health, where the central role of water is beginning to be revealed.

Selim Senkan, PhD and Alpha Lo

Title: Newly Discovered Structures of Water

Abstract: We find a fascinating array of (possibly health inducing) stable structures that water forms at the micron levels, imaging them with microscopy techniques. We discuss the physics of these structures.

Jean Chen Shih, PhD

Title: The Rescue of Autistic-Like-Behaviors in MAO A KO Mice

Abstract: MAO (Monoamine Oxidase) A gene knock out (KO) mice showed increased levels of neurotransmitters, serotonin, norepinephrine and dopamine; increased impulsivity and reduced cancer growth. Male MAO A mice exhibit numerous behavioral hallmarks of autism-spectrum disorder (ASD), such as impairments in social interaction and communication, stereotypical responses, poor behavioral flexibility, as well as sensory and motor deficits. Further, they display alterations of brain connectivity reminiscent of the typical neuropathological features of ASDs, including increased dendritic arborization of pyramidal cells in prefrontal cortex, reduced thickness of the corpus callosum and disrupted microarchitecture of the cerebellum, with reductions in Purkinje cell number. Injection of p-CPA, an inhibitor of tryptophan hydroxylase ;or ketanserin, an antagonist of serotonin 5-HT_{2A} receptor, at P1 to P7, a critical developmental period, abolished the autistic like behaviors in KO mice. Preliminary data using meridian imaging showed that the maximum temperature of MAO KO mice was significantly higher than that of the wild type. Rubbing with double helix water cream reduced the temperature of MAO A KO mice to wild type level. The significance of this finding remained to be studied.

Ricardo Velasquez, MD

Title: The Experience of Double Helix Water in Panamá

Abstract: We are presenting cases with our experience with the use of the Double Helix Water in Autism in the Republic of Panamá and according to what we have seen we recommend this treatment as one of the first to be used for the treatment of this Pathology.


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