

PROGRAM



Building your Health Portfolio

4th ANNUAL CONFERENCE 2020

Can Chronic Diseases Be Reversed?

February 14th-15th 2020

Innisbrook Golf Resort
(Stirling Hall)
36750 US Highway 19 North
Palm Harbor, FL-34684
727-942-2000

Welcome Letter



Welcome to our 4th Annual Conference, *Can Chronic Diseases Be Reversed?* Our goal is to bring together talented clinicians, scientists and educators to share their basic research and clinical insights into chronic diseases. The major ones include hypertension, coronary artery disease, Alzheimer's disease, macular degeneration, glaucoma, autoimmune disorders, diabetes, obesity, pain disorders and cancer.

It is apparent there is significant high-quality research that has elucidated and provided biochemical, molecular biological, genomic and clinical evidence into the pathogenesis of these diseases.

Our sincere desire is to create the awareness, both among the public and the biomedical community about this important work and these remarkable people. In doing so, we can make a real, meaningful impact into chronic disorders that are rising exponentially throughout the world.

This year we are providing 16 AMA PRA Category 1 Credit(s) for Physicians attending our conference. We are grateful to AdventHealth Tampa for their assistance with this endeavor.

Shalesh Kaushal

Shalesh Kaushal MD, PhD
Program Organizer and Director

SCHEDULE: Friday February 14th, 2020

7:00-7:45 am	Registration
7:45-8:00 am	Session 1 Introductory Remarks Shalesh Kaushal MD, PhD
8:00-9:30am	Tom O'Bryan DC
9:30-10:30am	Jonathan Wright MD
10:30-11:00am	REFRESHMENT BREAK VENDORS VIEWING
11:00-12:00noon	Andrew Koutnik PhD
12:00-12:30pm	Panel Discussion
12:30-1:00pm	Lunch
	Session 2 Shalesh Kaushal MD, PhD
1:00-2:00 pm	Nathan Bryan PhD
2:00-3:00 pm	Jay Cohn MD
3:00-4:00 pm	Bill Lands PhD
4:00-4:30pm	REFRESHMENT BREAK VENDORS VIEWING
4:30-5:30pm	Robert Miller ND
5:30-6:00pm	Panel Discussion

SCHEDULE: Saturday February 15th,2020

7:45-8:00 am	Session 3 Introductory Remarks Shalesh Kaushal MD, PhD
8:00-9:00 am	Andrew Campbell MD
9:00-10:00am	Robert Lustig MD
10:00-10:30am	REFRESHMENT BREAK VENDOR VIEWING
10:30-11:30am	Aristo Vojdani PhD
11:30-12:00pm	Panel Discussion
12:00-12:30pm	LUNCH/Book Signing
12:30-1:30pm	Guest Speaker (Courtney Smith)
1:30-1:45pm	Session 4 Shalesh Kaushal MD, PhD
1:45-2:45pm	Wolfgang Fink PhD
2:45-3:45pm	Jeffrey Block MD
3:45-4:00pm	REFRESHMENT BREAK VENDOR VIEWING
4:00-5:00pm	Jonathan Wright MD
5:00-5:30pm	Panel Discussion
5:30-6:00pm	Closing Remarks Shalesh Kaushal MD PhD



BUFFET LUNCHES

Friday Lunch Sponsored by

12:30-1:00pm



Compassionate - Cutting Edge - Care

Buffet Lunch Served at Stirling Hall

Saturday Lunch Sponsored by

12:30-1:00pm



Compassionate - Cutting Edge - Care

Buffet Lunch Served at Stirling Hall

Friday and Saturday Breaks Sponsored by





Sharesh Kaushal, MD, PhD

Program Director

Comprehensive Retina Consultants

Chronic Diseases: A Perspective and Metabolic Framework towards their Understanding and Treatment

SUMMARY

One of the most important challenges of modern medicine is the exponential and alarming rise of chronic diseases over the last 50 years. These disorders include hypertension, coronary artery disease, Alzheimer's, diabetes, obesity, macular degeneration, glaucoma, osteoarthritis, pain syndromes and autoimmune disorders. With the tools of modern biochemistry and molecular genetics, we have learned that although the target tissues may be different, at their core these disorders share common pathogenetic events. These include inflammation, oxidative stress, immune dysregulation, mitochondrial dysfunction, alterations of the insulin signaling and mTOR pathways. Collectively, these lead to the loss of cellular and tissue homeostasis and eventually manifest as disease. We will discuss the limitation of current pharmacological approaches in the management of chronic disease and how a different biochemical and clinical framework, by manipulation the protein homeodynamic network of the cell, can be useful to address the root cause of these diseases that so desperately require a meaningful solution.



Tom O'Bryan DC, CCN, DACBN

Founder of theDr.com

Navigating the Gluten-Free World: Keeping Healthy on a GF Diet Isn't Easy, But Well-Worth the Effort Keeping Your Brain Young and Healthy

SUMMARY

A gluten-free diet (GFD) is often the corner pin of many of our recommendations to our Clients. We've all heard of its potential value and necessity. And how quickly people *'feel better'* on a GFD. But what is not commonly known is the increase in mortality with a GFD. Although symptomatic relief is often obtained in a startling number of conditions, the long-term impact of GFDs can be devastating. There is an 86% increased risk of death from a cardiovascular incident in the first year after a client is diagnosed with celiac disease. And 3.78-fold increased risk of mortality from malignancy in the first year after celiac diagnosis.ⁱ Further, comorbidities with wheat related disorders are high. Twenty-nine (29%) of those with non- celiac wheat sensitivity (NCWS) demonstrate elevated antinuclear antibodies.ⁱⁱ Within 3 years, 87% of those who were originally asymptomatic with elevated ANA antibodies have been diagnosed with an autoimmune disease.ⁱⁱⁱ Why is this happening and what can be done about it? Take-away? The Gluten-free Diet is the prerequisite in Wheat Related Disorders. It is not the treatment. We will address this unrecognized adverse reaction, it's causes and mechanisms and treatment protocols guiding our clients who need to be gluten-free to a vibrant, healthy gluten-free lifestyle. And with proper preparation, the good news is how easy it can be to guide our patients into balanced gluten-free diets that eliminate these increased unwanted health dangers, enhance health, reduce inflammation and improve quality of life^{iv}.

Objectives

- Developing a more comprehensive overview of wheat-related disorders,
- Successfully and comprehensively identifying wheat-related disorders,
- Understanding the causes of increased mortality after diagnosis
- Recognizing the frequency of detrimental impact on the epithelial lining of the GI Tract with a wheat-related disorder,
- Protocols successfully addressing the damage to the intestinal lining,
- recognizing the need for comprehensive dietary guidance for food selections (and avoidances).



Jonathan Wright, MD

Founder Tahoma Clinic

Perspectives of Women's Health from 43 years of Clinical Experiences

SUMMARY

Lecture #1 Perspectives on Women's Bio-Identical Hormone Replacement Therapy~From 43 Years of Clinical Practice

Lecture begins with review of selected Bio-identical Hormone Replacement concepts, with discussion of the benefits of bio-identical hormone replacement - estrogens, testosterone, DHEA, and oxytocin with accompanying research. Second section of the lecture provides information on the use of hormones topically for skin rejuvenation. Research supporting particular vitamins and botanicals for skin rejuvenation is given. Testimonials from users of BHRT conclude the lecture.

Lecture #2 Women's Health: Very Useful Published and Unpublished Obscurities -From 43 Years of Clinical Practice

First section of this lecture explores multiple common conditions women experience, and natural treatments with supporting research. Conditions include the Nausea and Vomiting of Pregnancy, Menorrhagia, Gestational Diabetes, Pre-Eclampsia, Eclampsia, and Endometriosis. Natural inhibitors of breast cancer cell growth are discussed, followed by discussion regarding BHRT for breast cancer survivors. Miscellaneous topics finalize this section.

A second section to the lecture provides information about the use of estriol and Human Chorionic Gonadotrophin (HCG) for auto-immunity, particularly relating to women. While on the topic of HCG, older and more recent research is provided about the nerve-regenerating capability of HCG.



Andrew Koutnik, PhD

Research Scientist

Institute of Human and Machine Cognition

University of South Florida

Morsani College of Medicine

Emerging Science of Nutritional Ketosis: Health and Disease Implications

SUMMARY

Nutrition has far reaching impact on our health, along with the prevention and management of numerous diseases. Century-old evidence reveals that a low-carbohydrate ketogenic diet, termed “Nutritional Ketosis,” was used to treat Obesity, Type-2 Diabetes, and Epilepsy. Scientific and public interest has reemerged as this dietary strategy is now being explored for multiple neurological disorders, Alzheimer’s, cancer, aging/longevity, amongst others. In this talk, Dr. Andrew Koutnik will discuss the emerging evidence on low carbohydrate ketogenic diets, implications for ketone-based metabolism, as well as provide his personal story using this dietary strategy to manage his own chronic disease.



Nathan Bryan, PhD
Adjunct Assistant Professor
Baylor College of Medicine

Nitric Oxide and Chronic Disease: You can't live without It.

SUMMARY

Nitric oxide (NO) is now considered one of the most important and cytoprotective molecules produced in the human body. As we age, we lose the ability to generate NO. The functional loss of NO precedes the structural changes along the vasculature by decades. Loss of NO production is recognized as the earliest event in the onset and progression of most if not all chronic diseases.

This lecture will highlight the science of NO, strategies to diagnose NO insufficiency in patients prior to onset of symptoms and evidence-based strategies to restore NO production in humans. Patients cannot and will not heal without correcting NO production.



Jay N Cohn MD

Professor of Medicine

Director, Rasmussen Center for Cardiovascular
Disease Prevention

University of Minnesota Medical School

Slowing cardiovascular disease progression: a 21st century approach to prevention"

SUMMARY

1. To distinguish the biologic process leading to CV morbid events from the risk factors that are statistically related to morbid events.
2. To identify individuals who exhibit the disease process and are in need of preventive therapy.
3. To focus on an individualized approach to CV disease prevention

Brief description: I will explore the vascular and cardiac abnormalities that progress to morbid events and focus on how to recognize and treat the biologic process.



Bill Lands, Ph.D.

Fellow, American Society for Nutrition (ASN),
American Association for the
Advancement of Science (AAAS); Society for Redox
Biology and Medicine (SFRBM);
International Society for Study of Fatty Acids and
Lipids (ISSFAL).

What Causes Chronic Disease? Etiology is How Things Happen.

SUMMARY

Etiology is how things happen, and many clinical trials have failed to give useful results when their interventions reduced a recognized risk predictor rather than an actual causal mediator. Correlation is not cause. Also, investigators may be ambivalent about different stages in the progression of a chronic disease as adaptive physiological responses drift toward severe chronic pathophysiology. “Early” signs may be reversible while “later” signs may be irreversible.

We will review some extrinsic nutritional factors that interact with intrinsic genetic propensities in the etiology of many comorbid chronic immune-inflammatory disorders. Recognition of the complex interactive web of amplifying and moderating mediators involved is expanding rapidly, allowing out-dated and over-simplified discussions to create misunderstandings. The essential omega-3 (n-3) and omega-6 (n-6) nutrients maintain healthy vertebrate physiology, and their relative abundance in tissues depends directly on the balance of n-3 and n-6 in the foods ingested. The 18-carbon nutrients are converted to 20-and 22-carbon highly unsaturated fatty acids (HUFA) that accumulate in membrane phospholipids, from which they are released upon stimulation. The released HUFA form a family of potent (but transient) eicosanoid hormones that act on selective receptors found on nearly every cell of the body. Because n-6 eicosanoids are sometimes more potent amplifiers than n-3 eicosanoids, the proportions of n-3 and n-6 in tissue HUFA create a predisposition for amplified pathophysiology, especially chronic immune-inflammatory disorders. Diverse ethnic food habits produce different HUFA balances that amplify or diminish the transient food energy toxicity response of endothelial dysfunction from caloric overloads of big meals. Continual repeated exposure to food energy insults amplified by n-6 eicosanoids contributes to chronic endothelial dysfunction and accumulated atherogenic injury that predisposes to thrombotic cardiovascular incidents. Epidemiological studies indicate that the high incidence of cardiovascular disease among Americans may be diminished by informed food choices that involve fewer calories per meal, fewer n-6 nutrients and more n-3 nutrients. Similarly, many co-morbid disorders include n-6 eicosanoid amplified events. An eBook, *Recipe Repairs*, notes two freely downloadable apps that help people make informed food choices to diminish chronic conditions.



Robert Miller, ND

Founder of NutriGenetic Research Institute
Founder and President of Functional Genomic
Analysis

Why Supporting Your NAD+ & NADPH Levels May be Your Key to Longevity and Health

SUMMARY

1. Inflammation is a cause or major contributing factor in many illness and premature aging
2. NAD+ and NADPH are critical molecules to support:
3. Recycling of antioxidants
4. DNA repair
5. Critical processes of function and detoxification.
6. Methods to determine where there is potential weakness in
7. NAD+/NADPH production and utilization
8. The NADPH-Steal & NOX enzyme
9. Action steps



Andrew Campbell, MD

Founder of MyMyco Labs

The Role of Mycotoxins in Chronic Diseases

SUMMARY

The detection of serum antibodies to mycotoxins helps identify the cause of chronic inflammation in patients who, knowingly or unknowingly are or were exposed to these mycotoxins. Mycotoxins can suppress the immune system through cytotoxicity and altered Th1/Th2 balance. The alteration of immune responses due to chronic mycotoxin exposure may also adversely affect the ability of the immune system to fight infections and other environmental challenges. By treating these patients, chronic disease caused by inflammation may be reversed.



Robert Lustig, MD., M.S.L

Emeritus Professor of Pediatrics in the Division of Endocrinology, and the Institute for Health Policy Studies at University of California, San Francisco
Adjunct Professor of Research at Touro University California.

You Can't Reverse Metabolic Syndrome until you know the Cause

SUMMARY

The metabolic syndrome (consisting of Type 2 diabetes, dyslipidemia, hypertension, cardiovascular disease, and fatty liver disease) is increasing in prevalence globally. It has been assumed that obesity, which tracks with these diseases, is the primary cause, and therefore efforts to reverse metabolic syndrome have focused specifically on weight loss, with only salutary improvements. The reason for our failure in dealing with the diseases of metabolic syndrome is because there is not one cause; rather there are three. The first is subcutaneous fat, which must grow extremely large in order to lead to macrophage infiltration of the adipose tissue, with resultant dumping of cytokines into the systemic circulation at a high enough concentration to reach the liver lead to hepatic insulin resistance. Thus, subcutaneous can be a cause of metabolic dysfunction but only in the extreme. The second is visceral fat, increased by chronic stress and the effects of Neuropeptide Y on the beta-3-adrenergic receptor, which switches the sympathetic innervation of visceral adipose tissue from lipolysis to lipogenesis. The visceral fat only has to grow a small amount in order to dump cytokines into the portal circulation, which then reach the liver at high concentration promoting hepatic insulin resistance. This gives rise to the concept of ectopic fat, or “thin on the outside, fat on the inside”, or TOFI, as a cause of metabolic syndrome unrelated to obesity.

Lastly, liver fat is the most direct way to lead to hepatic insulin resistance and with the lowest fat burden. The Western diet has become a primary focus, in particular dietary fructose. Hepatic fructose metabolism is unique and generates liver fat directly, and in a matter similar to that of ethanol. Thus fructose ingestion causes hepatic insulin resistance due to buildup of liver fat, with resultant metabolic syndrome. In our current high calorie, high stress, high sugar society, treatment is difficult, and reversal appears impossible. In order to be effective, the physician must first determine which fat depot is the primary problem, and then focus on reversing that process. When therapy is directed at the correct pathology, it is possible to to treat and even reverse metabolic syndrome.



Aristo Vojdani, PhD, MSC, CLS

Adjunct Professor, Dept. of Preventive Medicine
Loma Linda University
Cyrex Labs
ImmunoSciences Lab

Predicting and Preventing Autoimmune and Neurodegenerative Disorders

Many chronic diseases, such as autoimmune and neurodegenerative disorders, are characterized by the appearance of autoantibodies that can precede the onset of overt disease by 3-19 years. These predictive antibodies can be used not just to treat but to prevent life-threatening manifestations of these disorders. Tests that detected these molecules could warn of the need to take preventive action. Researchers and clinicians should ask the questions, why does the human body react to its own antigens, which results in the production of potentially harmful autoantibodies? The cause may be due to environmental factors such as bacterial or viral infections, or haptenic toxic chemicals binding to human tissue, causing modifications of self-antigens and the subsequent production of autoantibodies. Without the identification of factors such as infections, dietary proteins and xenobiotics as major instigators of autoantibodies, clinicians will not be able to take preventive action. Therefore, early detection of antibodies against various tissue antigens and the identification of the environmental triggers involved in the induction of autoimmunity can facilitate a proper and timely intervention. This would make a significant difference in the management of autoimmune and neurodegenerative diseases and prevent or ameliorate the many years of suffering associated with multiple autoimmune reactivity syndrome.

The goals for a participant of this presentation are to

1. Understand the use of predictive antibodies or biomarkers of autoimmune and neurodegenerative reactivity for the prevention of disease, use in functional medicine and management of chronic disorders.
2. Map the pathogenesis of environmentally induced autoimmune and neurodegenerative diseases.
3. Be able to confidently utilize tests to uncover environmental triggers, assess breached body barriers and identify target tissues of autoimmune and neurodegenerative reactivity.



Wolfgang Fink Ph.D.

Associate Professor
Edward & Maria Keonjian Endowed Chair
Depts. of ECE, BME, SIE, AME
Dept. of Ophthalmology & Vision Science
The University of Arizona

To See or Not To See: Healthcare-centered Smart Service Systems Development at the Visual and Autonomous Exploration Systems Research Laboratory

SUMMARY

This talk will give an overview over a broad spectrum of healthcare-centered biomedical smart service systems developed at the *Visual and Autonomous Exploration Systems Research Laboratory* (<http://autonomy.arizona.edu>), such as: (1) Computer-visualization of optical eye defects; (2) Intraocular pressure sensor and reader systems for glaucoma management; (3) Comprehensive visual field examination; (4) Real-time artificial vision support; (5) Optimization of artificial vision implants; (6) Robotic surrogate for the blind; (7) Cloud-based and VR-based visual field testing; and (8) Smart telemedicine platforms for ophthalmic examinations. Particular emphasis will be on research efforts related to artificial vision implants leading to the only FDA-approved vision implant to date, i.e., the ARGUS II by Second Sight Medical Products; cloud-based and VR-based visual field testing; and smartphone-based ophthalmic examination. Live-demos will augment the presentation.

The Fink lab pursues trans-disciplinary, collaborative, and synergistic systems engineering in the areas of human/brain-machine interfaces, “smart” service systems, autonomous systems, and biomedical engineering for healthcare. This system-of-systems approach has focused the lab’s research programs on: vision prostheses for the blind, smart ophthalmic platforms for mobile- and tele-health, ophthalmic instruments/sensors and tests, autonomous and cognitive/reasoning systems, and computer-optimized design.



Jeffrey S Block, MD

Founder, Nurturing Nature Group Consultants Vol.
Professor- Dept. of Anesthesiology University of
Miami Miller School of Medicine

CANNABINOIDS: The Mechanism to Disease Chronicity

SUMMARY

Well-documented as a botanical medicine for over 5,000 years, the discovery of endogenous cannabinoid receptors and evidence-based reports indicating efficacy of medical cannabis for treating pain have renewed consideration of its therapeutic use.

Examination of the cannabis plant's biochemistry and mechanisms of action have revealed so-called endocannabinoid receptors and their natural ligands, comprising a previously unknown, but remarkably ubiquitous receptor system responsible for maintaining physiological balances that are essential to sustaining animal life.

Dr. Block's talk will emphasize how appreciating the biologic context of how and why endogenous cannabinoid receptors function will allow healthcare providers to better interpret pre-clinical trials and limited evidence-based data. Although much more is known about CB1 receptors' effects on mood and awareness, less appreciated are the life sustaining CB2 receptors' effects on a human being exposed to a disease.

This constantly fine-tuning receptor system's role sustains homeostasis by extending subtle changes to all other physiologic systems that essentially "allows" that disease to become chronic!

In consideration of opioids and balanced risk reduction strategies, evidence-based safety and efficacy profiles suggest therapeutic balances of phyto cannabinoid and terpenoid compounds influence these same receptors. This socially responsible conversation includes the bioethical rationale for compassionate access to cannabis when used for the treatment of pain as well as timely comments on public health concerns from contaminants to dependence.



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COMPREHENSIVE RETINA CONSULTANTS (CRC)

Comprehensive Retina Consultants is a one of the premier retina practices in the country. It is recognized both nationally and internationally for their compassionate, cutting edge care of patients. CRC also has contributed to a deeper understanding of the biochemistry and genetics of retinal diseases and coupled that with many novel clinical studies and trials. Additionally, the patients who come to CRC have the unique opportunity for achieving better overall health and maximizing their vision. This coalescence of cutting-edge retinal care, evaluation of metabolism and nutrition, along with genomics evaluation and novel non-invasive diagnostics makes CRC the first of its kind in the country.



SABINSA

Sabinsa's mission is to provide alternative and complementary natural products for human nutrition and well-being. For over 30 years, Sabinsa has brought to market more than 120 standardized botanical extracts, and privately funded clinical studies in conjunction with prestigious institutions in support of these products. With more than 110 full-time scientists conducting ongoing research in India and the United States, Sabinsa and parent company Sami Labs continue to develop, patent and manufacture phytonutrients for the world market, with ingredients that are both Halal and Kosher. <https://www.sabinsa.com/>



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FUNCTIONAL GENOMIC ANALYSIS

Your DNA may hold the secrets about your health. Discover your unique genome and how this knowledge may help you take a preventative approach to your overall wellness. People are turning to genetic testing to help find answers to their health and need an experienced practitioner to help them. Functional Genomic Analysis™ online software is the tool practitioners need to easily guide you through this seemingly complex process. Functional Genomic Analysis™ creates nutritional protocols, based upon one's unique DNA, lab work, and presenting symptoms, giving you the ability to Assess, Analyze and Design Support™. This will take your practice into the future of care.



ADVENT HEALTH TAMPA

Advent Health Tampa is a 536-bed, not-for-profit hospital conveniently located in the heart of Tampa Bay. As one of the largest hospitals in the area, we're dedicated to elevating health care for our community through leading edge medicine, technology, research and innovative patient care. We provide a comprehensive range of medical specialties and deliver world-class healthcare through our skilled and compassionate physicians and staff. Every year, Tampa Bay trusts us with more than 100,000 emergencies of every kind. Our lifesaving care goes well beyond our ER—from groundbreaking, minimally invasive cardiovascular procedures performed at our renowned Pepin Heart Institute, to the Johns Hopkins All Children's Hospital neonatal experts in our Level III Neonatal Intensive Care Unit, Tampa Bay trusts us to deliver the right care, right when they need it the most. We look forward to a healthy future together.



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CYREX LABORATORIES

Cyrex® is a clinical laboratory specializing in functional immunology. Cyrex offers multi-tissue antibody testing, and assessments of predictive antibodies to a variety of antigens, for the early detection and monitoring of today's complex autoimmune conditions.



ZONA PLUS

The Zona Plus is clinically proven to lower blood pressure in most people in as little as 4 to 8 weeks using isometric exercise to increase vascular flexibility, improve cardiovascular health and increase nitric oxide throughout the body. The Zona Plus is a software-controlled device that guides you through a patented handgrip therapy personalized to your unique physiology and is safe and easy to use at home or on the go.

"To help with cardiovascular issues, try the Zona Plus, a digitally controlled handheld device that uses the science behind isometric exercise to increase both vascular flexibility (thus decreasing blood pressure) and the production and flow of nitric oxide throughout the body, which is linked to treating various cardiovascular conditions, erectile dysfunction, and muscle fatigue. It's a cool biohack for anyone who wants to improve their cardiovascular health."

– Dave Asprey, New York Times Bestseller, *Super Human*



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KAATSU

KAATSU Global is a company that designs, manufactures, distributes and sells equipment that enables anyone anywhere anytime to improve their blood circulation and hormonal production.

KAATSU, a Japanese word that means "additional pressure", is patented equipment that includes 4 sets of pneumatic bands and a control device that safely modifies venous flow in the limbs. This blood flow modification protocol is a catalyst that leads to significant production of hormones and metabolites.



THERASAGE

Therasage brings you the benefits of nature through our line of full spectrum, infrared healing products that are high quality, easy to use, affordable and shielded from harmful EMF's, and ELF's. Our signature use of natural jade, tourmaline and rose quartz gemstones enhances the experience by generating an abundance of negative ions. Therasage Premier Infrared Healing devices are considered the gold standard in infrared therapy and recommended by practitioners around the globe to combat the ever-increasing health challenges from our toxic world. We invite you to experience our premier infrared healing pads and portable saunas, TherAir Energized Air, and Heart Scientific HRV!



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pH PRESCRIPTION

pH Prescription is committed to providing the highest quality structured water available. We strive to be an industry leader in the development and production of structured water systems for the benefit of mankind throughout the world.



HUMAN N



ZEVIA

"Sugar Reduction starts here. What better way to kick the sugar habit than Zevia, the leader in zero calorie, naturally sweetened beverages. We only use Stevia to sweeten our beverages, so there's no sugar, artificial sweeteners, GMOs, caramel coloring, or any other harmful ingredients found in today's beverages."



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MICROBIOME LABS

Microbiome Labs was originally established as Physicians Exclusive in 2013 as an organization focused on providing probiotic bacteriotherapy. Since then, Microbiome Labs has made it a goal to provide integrative solutions and clinical research data to address indications that stem from digestive and immune health issues.



RHEOSTASIS

Rheostasis is a novel, physician founded, and physician endorsed nutritional supplement company. Our primary and fundamental mission is to impact the well-being of as many people as possible by improving their 'health portfolio' by bringing dynamic biological balance to their bodies. With a plethora of supplements, nutraceuticals and nutritional companies, it has become exceedingly confusing for patients, physicians and other healthcare providers to determine which products would be useful for them and their patients. By coupling scientifically validated foundational nutritionals that can be used as either stand-alone products or for our customers who are being treated by the methods of functional, nutritional and nutrigenomic medicine. Indeed, Rheostasis products are designed to be used in conjunction with functional diagnostics and nutrigenomic testing, thereby making the improvement of a patient's 'health portfolio' simple and clinically impactful.



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DNA ENERGETICS

At DNA Energetics, we draw from the true wisdom of the past and technological modern advancement to create the right path for future health. We incorporate ancient principles of healing with modern genetic assessment to create powerful bioenergetic solutions. Our therapeutic blends of essential oils support the function of key metabolic pathways affected by genomic variation as well as environmental defense formulas. We offer our oils in a variety of delivery systems: roll-ons, diffusing blends, and wearable bracelets formulated with patented vibrational technology.



Florida LIONS DIABETIC RETINOPATHY FOUNDATION

The Lions Diabetes Foundation of MD 35 and Florida Lions Retinopathy Foundation provides **free** diabetes and retina screening and education material in the prevention of the leading cause of blindness in adults by identifying and referring potential diabetics. We also support the Florida Diabetic Kids Camps. Lions and Lions Clubs can support the Foundations with Life/Progressive Life Memberships for \$100 which goes toward the Foundations Mission. This Life/Progressive Life Memberships includes an award certificate and a pin. These funds go toward continued support of Free Diabetes Screening and education on prevention of the complications of diabetes. Over the last 6 years, nearly 10,000 people have screened.



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HEALTHY CO LABS

Healthyco Labs is a company that believes in living well. So much so that our laboratories focus on how to keep people healthy – through food that is! We recognize that bodies are unique and, when it comes to food, not all bodies can handle what others can. These are called food intolerances! An intolerance and an allergy are very different. Although they may appear similar, they affect the body uniquely. While an allergy can cause immediate immune responses, an intolerance is the result of the body improperly digesting food or being irritated by a particular substance and can be delayed. These intolerances will cause the body to fight and subsequently react in a wide range of possibilities. And this is where our company steps in to do our part – to help others understand just how much their customer’s food intolerances could be affecting their overall health.



AC GRACE COMPANY

The A.C. Grace Company was founded in 1962 by Roy Erickson, who after experiencing cardiovascular health challenges, devised an all-natural form of Vitamin E to help himself feel his best. Roy experienced significant whole health effects from this superior product, and this led to selling it to friends and then health professionals and the vitamin/supplement retail industry.* Roy lived until he was 93 years old and ran the company until his death in 2002. The company, located in Big Sandy, Texas and managed by the next generation of family, continues to manufacture and provide exactly the same product Roy invented many years ago under the name UNIQUE E®. We believe our product is the one of the highest, if not the highest, quality Vitamin E supplements on the market. Our product is the natural form of Vitamin E, not the synthetic form found in many stores today. Our product contains no additives or fillers. It is extracted from soybeans, but it contains no soy oil. It is simply a pure Vitamin E product.



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PneumaNitricOxide.com

PNEUMA NITRIC OXIDE LLC

Pneuma Nitric Oxide, LLC was established to commercialize scientifically proven nitric oxide based technologies for use in skin care and cosmetics. Our mission is to revolutionize the beauty industry through the development of products that improve blood flow and circulation to the skin based on the production of nitric oxide. There are no such products currently on the market. Our technology connects wellness to beauty.



LEMONAID

LemonAid is a therapeutic dose of L-Carnitine and D-Ribose powder that has a refreshing taste of LemonAid. Zero calories, Zero Fat, Zero Carbs and certified Gluten Free



SOUTHEAST COMPOUNDING PHARMACY

Southeast Compounding Pharmacy does sterile and non-sterile compounding. We do specialize in sterile ophthalmic compound such as Tacrolimus, mitomisis, vancomycin, fortified tobramycin, interferon A, etc. We do make chemotherapy drugs, myers cocktail, trimix, bimix, MICC, hormone cream, topical ointment, gel and cream. We are in business over 5 years with USP 800 equipped facility. We do customize any sterile compound.



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STEVITA CO. - The original and authentic stevia company... with more than 20 pioneering years of exclusive dedication to the stevia business including the farming of the leaves, extraction of the steviosides (with at least 95% pure sweet crystals) from Certified Organic leaves harvested from plants grown on our own farms in Brazil, and formulation of stevia products marketed with the Stevita tradename in the USA and other countries around the world.



MERIDIAN VALLEY LAB

Meridian Valley Lab specializes in integrative diagnostic testing services. We are the first lab in the USA to offer comprehensive 24-hour urine hormone and metabolite testing to help doctors use Bio-Identical Hormone Replacement Therapy safely and effectively. Meridian Valley Lab is also a pioneer in food allergy testing, offering state of the art ELISA testing. Every test ordered comes with a free consultation with one of our on-staff physicians. Together with our Medical Director, Dr. Jonathan Wright, we have been taking laboratory testing to the next level since 1976.



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MYMYCO LABS

MyMycoLab is a laboratory specializing in blood **serum antibody testing for mycotoxins**. Our laboratory tests for 12 different mycotoxins for both IgG and IgE antibodies. This is the most precise and accurate method to determine if a person has been exposed to mycotoxins.

Mycotoxins and molds have been called "The Great Masquerader" by the World Health Organization. This is because they imitate so many other illnesses and conditions that they are difficult to diagnose and treat.



Acknowledgements

- **Comprehensive Retina Consultants and Its Staff.**
- **A special acknowledgement to Dr Majeed CEO and Founder of Sabinsa (Diamond Sponsor), Robert Miller ND, Founder of Functional Genomics Analysis (Platinum Sponsor)**
- **To all our other Sponsors.**



**SAVE THE DATES FOR OUR 5th
ANNUAL CCDBR CONFERENCE**

**“Reversal of Chronic Disease”
Can Chronic Diseases Be Reversed?
5th Annual Conference 2021**

2021 Date: January 29th-30th

Location: Tampa

Follow us on:

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