My proposed topic is:
From **Epigenetics to Nutragenetics -- The New Frontier.**
The science of the effect of nutrients on the expression of genes and the mitochondria.

In this lecture I will review the effects of nutrition and nutrients on Peak Cellular Energy and their effects on the mitochondria as well as the expression of genes. This is a refinement of epigenetics, the effect of the environment on the genetic expression.

I go deeper into a subcategory of the “environment”, namely Nutrition and nutrients as the ability of nutrients to improve genetic expression.

This will include a review of the mitochondria, and their role in peak cellular energy. It will include a short description of the key features of metabolism. And how adequate nutrition by innovative and disruptive technology can up regulate metabolism allowing the body to do what it is genetically mandated to do..

I will reference in particular a genetic predisposition to Reward Deficiency Syndrome as described by Ken Blum, PhD which now can be unregulated with dramatic clinical results through the use of a game changer nutrigenomic.

I have some case studies to present.

I expect to have 10 minutes for questions and answers at the end.

If there is anything that you would like modified or if the topic is not to your liking let me know and I can modify it.

Many thanks for this wonderful opportunity.

Flourish,

Sally Schutz, M.D

PS. I have included a short bio - that may be of interest:

Bio

Sally Schutz, M.D. known to her staff and clients as Dr. Sally, trained as an ophthalmic surgeon. She retired from ophthalmology in 1994 following a life threatening car accident. After that she became a healer and educator with another focus: innovative 21st century health revitalization techniques and technologies.

A former radio talk show host she now coaches clients in Restoring and Bulletproofing their Health @FlourishingFully.com.

Dr. Sally is a Lyme warrior having successfully beat Chronic Lyme Disease following a long devastating illness.

Dr. Sally has training in nutrition, detoxification, homeopathy, herbs, energy medicine, and the mitochondria.

She is totally holistic and now teaches foundational techniques for health optimization including restoring vitality to the blood, reversing damage to the mitochondria, make sense detoxification, energetic resuscitation, and the foundations of Positivity and Belief. Her first hand experience with life threatening Lyme Disease and three near death experiences makes her a model resource and inspiration for recovery from chronic illnesses as well as a resource for optimizing health at all levels.

She uses her varied knowledge to guide recovery and revitalization for people with Chronic Diseases of all types. She uses similar techniques for athlete and elite performance optimization. Dr. Sally is available for her Health Optimization program and for consultations around the world using internet technology.

She has interviewed Dr. Stephanie Seneff, Dr. Joseph Mercola, Dr. Bruce Lipton and other extraordinary contributors to the health

scene. She has presented since her recovery, to the National Association of Nutritional Professionals, the Association of Natural Health, and America OutLoud.

She has several websites including www.ibeatlyme.com, www.flourishingfully.com, www.peakcellularenergy.com, and a youtube channel, lyme disease recovery.

She can be reached at 310-562-3546.