

Conference Call

AUTISM & GLUTATHIONE

Hosted by MAXGXL, Bob Kaelin interviewing
Dr. Corinne Allen.

You will learn:

- ❖ Why glutathione is essential to health?
- ❖ Why autistic youngsters have unusually low concentrations of glutathione in their cells."
- ❖ Research shows autistics inability to detoxify poisons, heavy metals, esp. mercury
- ❖ How glutathione supports detox of poisons and heavy metals, and mercury?
- ❖ How glutathione hooks to heavy metals?
- ❖ Autism develops under the combined effect of **genetic mutations that deplete glutathione**
- ❖ Brain issues impacted by glutathione genes
- ❖ 1 in 166 children have autism or behavioral disorders and glutathione adsorption issues
- ❖ Autistic children have a significant decrease in the plasma concentration of glutathione
- ❖ The critical importance of glutathione for detoxification of mercury from body
- ❖ Neurodevelopmental disorders show low glutathione
- ❖ How Glutathione hooks onto poisons like heavy metals, organic solvents, pesticides, additives, and chemicals in our foods, radiation, etc. any toxins we get in the things we touch, breathe, or eat.
- ❖ How only one supplement overcomes the glutathione absorption problem- that discovered was by Dr. Robert Keller

Bob: Why glutathione is essential to health?.

- a. When we have an abundance of free radicals , they can damage cells. Importantly the molecules of ATP (the cells engine) can be reduced so that the cell isn't getting the proper kind of clean out that it needs So acids build up, further reducing energy. These are just the internal functions that need high amounts of glutathione to clean up the free radicals and toxins produced.

Externally we are getting toxins from fast foods, sodas, food, air we breathe, radiation of all the computers and electronics we use or our neighbor uses, pesticides and chemicals taken for granted in our everyday life. These external toxins require a substance called glutathione to adequately detoxify and clean them from the cells so they don't create cellular, and dna damage.

Bob? Why do autistic youngsters have unusually low concentrations of glutathione in their cells?

In the **International Journal of toxicology** researchers noted that hair analysis of autistic children showed a reduction of mercury as compared to hair analysis of normal children . The researchers suggested that this meant that the normal children were efficient at removing mercury and autistic children, in contrast had a reduce ability to remove mercury from their bodies, **increasing neurological damage.**

A year later in 2004, researchers at the Department of Genetics as Arkansas Children's Hospital in little Rock discovered that autistic children have reduced levels of the detoxifying antioxidant glutathione as compared to normal control children.

BOB: What has research shown about autism and their glutathione levels?

In 2004, and article published in the Journal of American Physicians and Surgeons make the following statement:

“ In 2004, the department of Health and Human Services and the American Academy of Pediatrics issued an Autism A.L.A.R.M stating that one in 166 children currently have an autistic disorder, and one in six children have a developmental and/or behavioral disorder. Incredible!

We have a current epidemic in neurodevelopmental problems!!

The incidence of autism is now 1 in every 155 people. Dr. Jill James reporting in Science News, April 16, 2005 reported on biochemical peculiarity in

the blood of autistic children. She notes that the incidence of autism has gone up dramatically in the last 15 years and it has to be something from the environment because genes don't change that fast.

You know what they found?

BOB, NO

The autistic youngsters has unusually low concentrations of glutathione in their cells.

Dr. James says that This finding is consistent with their inability to detoxify poisons normally, especially heavy metals, such as mercury or lead.

Bob, How does glutathione support the detox of poisons and heavy metals, like mercury?

Glutathione normally binds to heavy metals, and the body then targets the molecular complex for elimination.

BOB: So what have they found is the reason glutathione production isn't happening in autistics and other neurologically compromised issues?

James suspects that autism develops under the combined effect of genetic mutations that deplete glutathione and exposure of a child to heavy metals or other poisons.

Think about what our younger people, who are now parents, were raised on. Microwaved, fast foods, pasteurized milk, sugar, artificial sugars, with no concept of good nutrition or concern for non chemical or pure foods, or anything pure for that matter in their environment

.
This generation of heavy chemicalization, disregard for proper nutrition are now beginning to take note of how important it is when they see issues arising in their children that aren't going away and can interfere greatly with a normal life.

Neurological issues and autism arising from carrying the genes that reduce the antioxidant, glutathione could be helped by dietary supplements of glutathione. according to James.

BOB: How does mercury, glutathione and autism tie together?

Well, a very controversial theory of the etiology of autism suggests that vaccines preserved with the mercury-containing chemical thimerosal can cause autism.?

So if the researchers deductions are correct, then reduced levels of glutathione would reduce the ability to target and remove mercury (and all other toxins as well), and increase the incidence of neurological damage and autism.

BOB, Would you state that another way so we can really grab this concept?

Yes, According to the work by Dr. James, the expression of the gene that produces the peptide glutathione is a biological variable, different in everyone.

Reduced expression of the glutathione gene becomes biologically important in a increasingly toxic environment. Because those with this gene abnormality cannot properly detoxify metals (like mercury) and other toxins.

BOB: So what's the answer?

There is a book I recommend to our listeners called Your Body's Most Powerful Protector, by Dr. Jimmy Gutman, M.D.

He points out that Glutathione is not only the body's most powerful detoxifier of mercury and other toxins including drugs like Tylenol/acetaminophen) but also the most important molecule in our anti-oxidant network that protects us the from dangers of free radicals.

An article published in the Journal Neuroendocrinology Letters, Mercury and autism: accelerating evidence? Makes the following points.

Genetic and environmental risk factors seem to be involved in the development of autism and other neurodevelopmental problems.

The increase in autism in the last decades parallels cumulative mercury exposure.

Autistic children have higher mercury exposure during pregnancy due to maternal dental amalgam and thimerosal-containing immunoglobulin shots.

Autistic children have a decreased detoxification capacity due to reduced genetic production of glutathione.

Autistic children have significantly decreased levels of glutathione.

Promising support for autism involves detoxification of mercury , and supplementation of deficient glutathione metabolites.

BOB: How does glutathione work on mercury?

Glutathione hooks onto poisons like heavy metals, organic solvents, pesticides, additives, and chemicals in our foods, radiation, etc. any toxins we get in the things we touch, breathe, or eat.

Dr. Robert Keller has discovered a way to overcome the oral ingestion and absorption problem. Through ten years of research he has discovered a way to get the liver to product this much needed nutrient, glutathione. The technology is so unique that it has one of the few compound patents on it.

What does MaxGXL do? This product is so unique that it doesn't just get glutathione into the cells but it also helps the body recycle glutathione so it can be used over and over again. You see glutathione is an antioxidant, once it is used, it must be recycled. Without sufficient vitamin C and alpha lipoic acid, recycling of oxidized GSH back to the reduced (utilizable) form is impossible.

So other forms of glutathione without these protectants cannot do the job of glutathione. Second, GSH is a large molecule. The MaxGXL solves this problem with the vitamin C, alpha lipoic acid and its small molecular size.

MaxGXL Glutathione also

- 1.It promotes the absorption of the things that the body uses to create glutathione.
- 2.It gives the body what it needs to produce glutathione (without being destroyed in the stomach), thereby promoting the release of the toxins in the cells of the body.
- 3.It allows the body to recycle the glutathione so it can be used over and over again.
4. When glutathione is used in oxidation, burning, or free radicals there will be inflammation. Maxgxl is able to stop this reaction. It takes out the one major problem in terms of glutathione. The oxidation, burning and free radicals all lead to inflammation and inflammation which cause you

to age prematurely Inflammation is associated with every disease of aging.

5. It contains cordyceps, which reduces inflammation and therefore protects the substances that we use in MaxGXL for the production of glutathione inside of the cells.

6. It's a unique and complete supplement, and in that way it is very different from anything else that's on the market.

7. It is a product for our time because we are no longer able to live without high levels of toxicity even if we eat pure food, and take good supplements, and think pure thoughts.

Bob: Dr. Allen, don't you think that we can just eat better diets and get enough to produce glutathione from pure food?

The fact is that we cannot control the overspray from the farmer next door on the organic crops that end up in our food, or we cannot afford to eat, or even find 100% organic food.

We cannot avoid radiation and electromagnetic smog which is everywhere. Even if we don't use a cell phone, cordless phone, or computer, or use electricity in our homes we are bombarded from our neighbors or from outer space cell phone satellites.

If there was ever a time when we needed to be rescued from the slew of toxins that we live in it is now. We have been given the answer and it is MAXGXL.

BOB, Don't you think that we can just take good supplements and eat good food and get enough glutathione?

7. It is a product for our time because we are no longer able to live without high levels of toxicity even if we eat pure food, and take good supplements, and think pure thoughts.

The fact is that we cannot control the overspray from the farmer next door on the organic crops that end up in our food, or we cannot afford to eat, or even find 100% organic food. We cannot avoid radiation and electromagnetic smog which is everywhere. Even if we don't use a cell phone, cordless phone, or computer, or use electricity in our homes we are bombarded from our neighbors or from outer space cell phone

satellites. We can't escape the use and exposure of chemical used in dry cleaning, hotel rooms, cleaning products, our homes and lawns, laundry, cosmetics, toiletry etc. If you don't use them you will breathe them on someone else you stand next to in the grocery line, or work with. You're exposed whether you know it or not. You're being affected whether you think you are or not.

If there was ever a time when we needed to be rescued from the slew of toxins that we live in it is now. We have been given the answer and it is MAXGXL. If you do not have high glutathione levels, the simple truth in, you are not protected.

Dr. Corinne Allen
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Dr. Corinne Allen, international researcher and practitioner in natural health and nutrition for over 30 years, is an expert on how to affect brain, learning, and behavior problems without drugs. She is a recognized healthcare leader for her natural and practical approach to health regarding natural and alternative methods of stimulating permanent changes in the brain for dyslexia, ADD, autism, Asperger's, learning disabilities, academic and behavioral issues and brain injuries. After receiving her doctorate in nutrition, Dr. Allen went on to more training in neurokinesiology and brain stimulation techniques to help her daughter, who was brain injured from asphyxiation (oxygen deprivation), and for her other child who had Asperger's. She now offers other families the kind of life changing information and care she so desperately needed for her own children. Dr. Allen's vast experience includes nutrition, allergy balancing, Neuro emotional release, essential oils, Total Body Modification, homeopathy, magnetic and electromagnetic balancing, herbs, nutritional supplements, quantum energetic techniques for brain and body health, neurokinesiology, and neurodevelopment.

