

# Morley - Cancer is NOT a medical disease. Iron CAUSES Cancer. #45

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44 mins

MAG-pie & MAG-net ALERT!...

Iron Toxicity Post #45! (Apparently in my zeal to get #46, & #47 Posted, I skipped right over #45... 😊;-) )

This Post is for ANYONE who's directly, or indirectly, dealing with Cancer...

Let me be QUITE direct & blunt:

Cancer is NOT a medical disease.

Iron CAUSES Cancer.

Lest you think me mad, or are STILL having serious doubts about this obvious "metal-bolic" connection, please take a few moments and read this EARTH-SHATTERING study:

<http://cancerres.aacrjournals.org/.../can.../75/11/2254.full.pdf>

Now keep in mind the authors go to GREAT lengths to suggest that this ONLY applies to Prostate cancer, which is the #1 cause of Cancer in men, and the 2nd leading cause of cancer-related deaths for same. Please know, I am CHANGED by this study, and I disagree with the narrow-casting of these results. (And for those that may have missed these facts in earlier Posts, my Dad died when I was 16 of Lung Cancer, a few years later, my Mom's older sister died of Liver Cancer, and my sister has had double breast Cancer and lives to see another day... I am NO stranger to this tragic condition...)

Imho, the points made in this study re the role of Iron in promoting Cancer are UNIVERSAL and should TOTALLY CHANGE OUR PERCEPTION OF WHAT ACTUALLY CAUSES "CANCER"...

Here's the "Dot Connecting" as I synthesize this research:

Inflammation >> Presence of Cytokines (IL-6) >> Increased Production of Hepcidin >> Increased Destruction of Ferroportin >> Increased RETENTION OF IRON IN THE CANCER CELLS >> Increased Carcinogenic activity of the cell

I draw your attention to Fig 7 noted below that highlights this cascade of events with particular emphasis on the INCREASE of Hepcidin that BLUNTS Ferroportin's KEY function to ensure proper Iron circulation... This blunting of Ferroportin then leads to 3 stunning outcomes in those with Cancer:

- o Increased retention of Iron within the Tumor (What?!?..)
- o Increased Tumor cell survival (Are we REALLY reading that?!?..)
- o Increased likelihood of a POOR clinical outcome (Again, are we REALLY reading that?!?..)

For those that might have missed some of my earlier Iron Toxicity rants about the Iron <> Cancer connection, I will remind you that Iron is regarded as the PERFECT Carcinogen.

It is the ONLY element on this Planet that meets ALL three criteria to be considered a Carcinogen:

- 1) Iron INITIATES Cancer;
- 2) Iron PROMOTES Cancer; and
- 3) Iron PROGRESSES Cancer...

Again, Iron is the ONLY element on this Blue Orb that fulfills ALL THREE CONDITIONS. (Source: Jym Moon, PhD, "Iron: The Most Toxic Metal," 2008)

Dr. Moon goes on to describe the unique characteristics of this "Ultimate Carcinogen" by noting, and I quote from his mind-bending book:

- o Iron activates xenobiotics ("foreign chemicals") turning them into carcinogens
- o Iron is a factor leading to alcoholic Liver cirrhosis, a precursor to Liver Cancer
- o Iron acts synergistically with Viral infections in causing Cancer
- o Iron multiplies Aflatoxin (Hepatic mycotoxin from mold) carcinogenicity
- o Iron plays a critical role in causing cancer cells to become more aggressive and invasive

Hmmmmmmmm...

Things our favorite Mineral Denialist does NOT know, or doesn't want us to know, eh?... (Btw, what's the GREATER sin?...)

So, this pretty much seals the deal on HOW & WHY Cancer rates have risen to OUTRAGEOUS levels throughout the Iron-dominated Planet called EARTH. 100 years ago, the incidence of Cancer was 1 in 20. Today, it is 1 in 2. (Please let that sink in for a moment...)

Therefore, when the dusts settles on the cause of Cancer, it's Iron... Iron... Iron... Iron...

Are we now completely clear on this truth?...

And now that we've established that KEY connection, it's high time we go back and clear up the abject I(ron)gnorance & confusion re the ORIGIN of "Inflammation"... Again, this AIN'T what you've been "taught" – like a Circus Bear -- to think it is!

Please follow the bouncing balls below and how this same Mg deficiency & Iron toxicity dynamic reigns SUPREME in minerally deranged & deficient bodies to create ALL manner of chronic conditions, not the least of which is the dreaded state of Cancer...

- o Inflammation is CAUSED by Magnesium deficiency (Weglicki & Phillips, 1992a)

<http://ajpregu.physiology.org/content/263/3/R734>

Inflammation is NOT a medical disease. It IS, however, a clinical sign of Mg deficiency – pure & simple – and initiates the production of Substance P, which triggers the Inflammatory Cascade of ALL cytokines and chemokines.

NF-kB initiates the release of IL-1a, IL-6, and many other peptides. Note that this is the origin of the IL-6 that plays such a KEY role to start the synthesis of Hepcidin in the Prostate tissue and I would argue, tissue ALL OVER THE BODY.

- o It is a KNOWN fact that Iron accumulates in the tissue of Mg deficient critters (4-legged & 2-legged!)

<https://www.ncbi.nlm.nih.gov/pubmed/8907021> (Kimura et al, 1996)

<https://pdfs.semanticscholar.org/.../99be01dbae10ae3f003c8f3b...> (Sanchez-Morito, et al, 2000)

I think it is HIGHLY relevant that in the former study, they note that "Mg deficient Rats with Iron Overload may be used as an experimental hemochromatosis model." (Regrettably, we have ALL become the "Rats" in this model...)

o It appears that Hepcidin expression is increased in critters that are Mg deficient:

<https://www.ncbi.nlm.nih.gov/pubmed/21736832> (Ishizaki, et al, 2011)

And note many of the SAME players, esp. BMP-6, are described in this process of increased Iron accumulation in the tissue of a Mg deficient body. Please know – MOST critters on this Planet are Mg deficient! Therefore, MOST stand the increased chance for increased Iron storage.

o Now the literature is relatively “silent” on what I believe is a metabolic fact: Iron CAUSES Inflammation. So, given my “inspired” assertion, I will apply some Algebraic gymnastics: If Mg deficiency CAUSES Inflammation, and Iron BUILDS & Hepcidin EXPRESSES MORE in Mg deficient tissue, doesn’t it stand to reason that “Iron is CAUSING Inflammation?...” If  $A = B$  and  $B = C$ , then doesn’t  $A = C$ ?!?... This then leads to a slight modification of the initial “Dot Connecting”:

IRON CAUSES INFLAMMATION >> Presence of Cytokines (IL-6) >> Increased Production of Hepcidin >> Increased Destruction of Ferroportin >> Increased RETENTION OF IRON IN THE CANCER CELLS >> Increased Carcinogenic activity of the cell...

So, the build up of Iron – due to the systemic LACK OF MAGNESIUM AND CERULOPLASMIN, mind you – causes the very Inflammation that triggers the cellular signaling toward Carcinogenic activity that THEN CAUSES FURTHER IRON RETENTION leading to further Cancer activity... The circular nature of this destructive pathway is mind-numbing...

So, what's the ONE word that is TOTALLY missing in this scintillating study on Prostate Cancer?...

Yup!... you've got it: CERULOPLASMIN!... Not one mention!

Why are we NOT surprised...

Here's the gist of WHY we're ALL in such a quandary:

“Therefore, the ceruloplasmin-ferroportin system represents the main pathway for cellular iron egress and it is responsible for physiological regulation of cellular iron levels.” (Musci, 2014)

<https://www.ncbi.nlm.nih.gov/.../PMC4050113/pdf/wjbc-5-204.pdf>

The Iron-based literature goes to GREAT lengths to create a connection between Hepcidin <> Ferroportin. And in the same breath, TOTALLY ignore Ceruloplasmin. Keep in mind, Hepcidin, is a hormone with 25 Amino Acids.

Ceruloplasmin (Cp), on the other hand, is one of the MOST important enzymes to grace the human body, has 1,046 Amino Acids and 8 Copper atoms (4  $Cu^{+}$ /4  $Cu^{++}$  surrounding an Oxygen molecule). Yeah, we can all certainly understand why they would IGNORE this powerhouse metabolic player, given the dynamics of clinical actions today.

I would encourage you ALL to read this CRITICAL study by Musci, et al to better understand HOW to keep Hepcidin from going ROGUE and thus CAUSING a build-up of stored Iron in your tissue that will eventually lead to a carcinogenic growth.

That Tesfay, et al, 2015, completely OVERLOOKED this foundational enzyme FACT in their study on Prostate Cancer should send a \*chill\* down our collective spines... How do they NOT know or even acknowledge the KNOWN regulatory role of Ceruloplasmin and it's critical impact on the regulation of the management of Iron inside and about the cell?

Please, I implore you... WAKE UP to the reality of what's REALLY going on INSIDE your bodies and INSIDE the hallowed halls of clinical research. These Iron-focused Researchers are BOTH connecting critical dots AND overlooking pivotal pieces of the puzzle. It's time for this IRON-IC NONSENSE TO STOP.

And for those seeking a proper context for this discussion & a game plan to resolve this nonsense, please go here and enjoy the show, as well as the Protocol:

<http://gotmag.org/the-root-cause-protocol/>

A votre sante!

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gotmag.org

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