

NUTRI-SPEC



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THE NUTRI-SPEC LETTER

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From:
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Dear Doctor,

YOU ARE AT **THE CORE**

Other “professionals” --- promoting themselves as “Alternative” Medicine or “Natural” Health Care providers --- are ...

PEDDLING at the PERIPHERY,

As a NUTRI-SPEC practitioner, you serve your patients by analyzing the essence of biochemistry --- the fundamental structure of the human body and how that structure supports the fundamental functions of human metabolism.

“Natural” Medicine certainly does offer an “Alternative”. Like all allopathic medicine, its alternative is to ignore the concept of restoring normal structure & function --- substituting drug-induced (“natural drugs”, of course!) intrusions into metabolic pathways.

**YOU NURTURE;
THEY ALTER.**

When you think of the structures and functions of Biochemistry --- what is the nature of that chemistry? Specifically, what is the “stuff” of the molecules determining human structure and function?

----- You are probably immediately thinking of carbon as the backbone of all Biochemistry. Carbon chains dressed up with hydrogen and oxygen and twisted into countless shapes are the basis of Organic Chemistry. But then you must add nitrogen to create proteinaceous compounds --- and there you have it! --- You have all the chemical matter you need --- once it is infused with the spark of life --- to build a human body and drive all metabolic processes. ----- Or do you?

Carbon, hydrogen, oxygen, nitrogen --- is that all there is to it? In your last several Letters, we have been emphasizing the ubiquitous role played in human structure and function by ...

SULFUR.

We have looked at the study by du Preez --- and how it builds upon the fundamentals of Revici's work from the 1940's and 50's --- showing how sulfur is not only the most powerful antioxidant in the body (as part of glutathione and superoxide dismutase) --- but also is essential to both the structure and function of all epithelial membranes, as well as all endothelial membranes --- and --- that sulfur is critical for immune system function --- providing both barrier function and pathogen evasion.

LITERALLY --- NOTHING HAPPENS IN THE HUMAN BODY WITHOUT THE SUPPORT OF NEGATIVE VALENCE SULFUR --- THIOSULFATE --- YOUR OXY TONIC.

The variable structure of ubiquitous GAG (Glycose Amino Glycan) molecules is largely dependent on the availability of thiosulfate (Oxy Tonic). Quoting from du Preez --- “That variability explains the remarkable tissue-specific activities of thiosulfate --- influencing cell-, tissue-, and organism-level development, homeostasis, and pathogenesis”.

The biological functions of Oxy Tonic are amazingly diverse, since under normal physiological conditions, adequately sulfated GAGs interact with and modulate the activity of numerous molecules --- such as ...

- anticoagulant factors
- cytokines
- growth factors

- albumin
- as well as protective enzymes such as superoxide dismutase (SOD).

These functions of Oxy Tonic incorporated into GAGs contribute to the regulation of:

- inflammation
- vascular permeability and tone
- coagulation
- lipid metabolism
- white blood cell adhesion
- and protections against oxidative stress.

----- More from du Preez: “Therefore, any changes in GAG structure-enhanced functions are associated with a wide range of pathophysiological consequences --- such as ...

- Capillary Leak Syndrome and consequent edema formation
- platelet aggregation
- hyper-coagulation
- accelerated inflammation
- loss of vascular responsiveness.

“Most of the interactions and functions of tissue endothelial and epithelial membranes rely on the pattern and degree of sulfation --- and the resulting negative charge density. The affinity and biological activity of GAGs increase as the degree of sulfation increases. Nevertheless, the GAG-composed membrane is a delicate layer, and removing of one specific component thereof may result in the loss of function of the total. Thiosulfate not only regulates physiological processes, but is implicated in many pathologies, including cancer, infections, and vascular diseases.”

DOES THAT SOUND IMPORTANT?

--- MAYBE CRITICAL?

--- TRULY ESSENTIAL ...

to how you want to serve your patients (--- and build a thriving practice)? -----
Or --- do you want to be yet another peddler of “natural remedies” --- no better than all the other “nature cure” practitioners your patients may choose --- indeed, no more advanced than your local health food store?

Immune system function? ----- How about both ...

BARRIER FUNCTION

AND

PATHOGEN EVASION

The GAG chains of both the epithelium and the endothelium, when heavily sulfated (Thiosulfate/Oxy Tonic), present a global negative charge that interacts electrostatically with viruses and other pathogens. When membranes are under-sulfated, viruses exploit these weak membranes, thus more easily penetrating the cells. ----- So,

**YOUR OXY TONIC LIES AT THE NEXUS BETWEEN
PATHOGEN INVASION AND HOST DEFENSE.**

**DOES THAT SOUND IMPORTANT?
MAYBE CRITICAL?
TRULY ESSENTIAL?**

What du Preez shows is that ...

SUFFERING AND DEATH FROM COVID ---

involves the vicious cycle:

low sulfation → weak barrier function → excess Covid penetration → more damage to sulfated membrane protectors → more Covid penetration & proliferation → weakened white blood cell response → overwhelming cytokine storm → more membrane sulfate depletion → DEVASTATION.

In epithelial membranes, your Oxy Tonic allows the membrane to work with white blood cells to secrete many defensive compounds such as ...

- antibodies
- lysozymes
- nitric oxide
- and many others.

Collectively, these defensive compounds form a physical barrier with direct anti-microbial and anti-toxin activity --- and are critical to a major function of the immune system --- to tag foreign proteins for elimination by phagocytes. ----- Your major take-away from this Letter is that ...

**THIOSULFATE SERVES AS
THE PRIMARY MODULATOR AND EXPRESSER
OF MEMBRANE DEFENSIVE COMPOUNDS.**

Do you get it? ----- Inadequate sulfation --- which only YOU can correct in your patients with NUTRI-SPEC protocols (--- and which they will never get from any alternative healthcare provider, and certainly not from their health food store purchases) may be the most important benefit you provide your patients.

And --- what Herculean effort must you put forth to restore thorough sulfation to your patients' epithelial & endothelial membranes? How much time must you invest in achieving for your patients the critical selective permeability of tissue membranes? How many zillions of \$\$\$s must your patients invest to maximize the immune function of organic and vascular membranes?

Wake up to the happy truth!

As du Preez has shown, the rate-limiting factor in maintaining thorough membrane structure and function through sulfation is merely the availability of negative valence sulfur (Thiosulfate = Oxy Tonic). The many GAG molecules incorporated into epithelial and endothelial membranes are easily built when Thiosulfate is available.

Effort? Time? Expense? ---- No, no, and no. You need nothing more than your BALANCING PROCEDURE --- to determine for each individual patient the ideal combination of Oxy Tonic, Electro Tonic, and Oxy D-Plus.

The reason we call it the "BALANCING PROCEDURE" is because the anti-anabolic (anti-Anaerobic) and anti-catabolic (anti-Dysaerobic) nutrients in those three supplements will individualize the balance between Thiosulfate, Glycerol, and Sterols to establish the ultimate in membrane function.

Remember ...

YOU ARE AT THE CORE.

Forget the remedy peddling. Give up the futile fight against symptoms. Empower your patients --- at their core.

To encourage your ease in administering the BALANCING PROCEDURE to all the patients you and your staff can possibly reach, enjoy these SPECIALS for the month of April:

2 **FREE** with every 10 you buy of ...

Oxy Tonic

Electro Tonic

Oxy D-Plus

(and a bonus!) Immuno-Synbiotic X-Flam.