

Cellular Health and Wellness

Even before the 2019 - 2020 corona virus pandemic, the global scientific community has dedicated nearly unimaginable fiscal resources to prevent chronic diseases. With that said, most of these activities are being devoted to create man-made mechanisms with only modest efforts to activate natural defenses that have evolved through cellular evolution.

During the development of the quantum biology algorithm, all of the nine defenses were reduced to their elemental constituents (elements/minerals and amino acids) for discussion with and use by computational biologists to guide their replication or to restore their functionality if mutated.

- I. Transferrins
 - A. Lactoferrin
 - B. Apolactoferrin
 - C. Hololactoferrin
- II. Mitophagy
- III. Autophagy (SOD1 - Intracellular Autophagy)
 - A. Lipids
 - B. Proteins/Amino Acids
 - C. Carbohydrates
- IV. Calcineurin - Autophagy without Lysosomes
- V. Superoxide Dismutase (SOD3) - Ex-cellular Autophagy without Lysosomes
- VI. Glycerol Monolaurate (GML) - Antimicrobial
- VII. Apoptosis (Adjusted for Chirality)
- VIII. Necroptosis
- IX. Ferroptosis

Note: Numbers I - III Represent the Granzymes A-G with Lysosomes (CTLA 1 - 7