Respiratory Syncytial Virus (RSV) Causal Path - DIY

Given the following fact, quantum biology (QB) was used to determine causal paths that could improve immune defenses in order to prevent RSV infection.

"In the United States, nearly all children become infected with RSV by age 2, with 75,000 to 125,000 of them hospitalized each year. Globally, RSV affects an estimated 64 million people and causes 160,000 deaths each year."https://www.niaid.nih.gov/diseases-conditions/respiratory-syncytial-virus-rsv

The result of this of this initiative was the identification of deficiency (mutation) of IFNγ-based enzyme calcineurin as the near certain primary cause of preventing natural immune defenses from killing the virus.

The following is provided for discussion purposes with qualified computational biologists.

Alignment of Molecules: For Explanation and Discussion

TNF-Alpha: TGF- Alpha (Calnexin) Density (CD-4)
Calcium – threonine – magnesium (BRCA1) **p16**
Calcium – serine – magnesium (BRCA2) **p18**
Calcium – cysteine - magnesium (BRCA3) **p19**

TNF-Beta: TGF-Beta (Calmodulin) Motility (CD-8)
Calcium – phenylalanine – magnesium (HRas) **p21**
Calcium – tyrosine – magnesium (KRas) **p27**
Calcium – tryptophan – magnesium (NRas) **p57**

TNF-Gamma: TGF-Gamma [VEGF] (Calcineurin)
Modulatory Enzyme: IFNγ and Th17 cells (CD-25)
Iron – serine – Manganese
Iron – cysteine – Manganese
Iron – threonine – Manganese

For discussion purposes, examples of alternative designations for the IFNγ "enzymes" that have evolved include; AKT, mTOR, PTEN, NF-kB, and MYC.

Using bioinformatics, anyone can perform a DIY assessment to correlative the various epigenetic makers (e.g. calcineurin, Th-17 and CD25 to RSV.

Rectifying the mutation of calcineurin can be discussed with quantum biology partners of MCFIP.