

Cancer: Primary Cause

Despite decades of global research in cellular physiology and cancers; despite seeing the activities of calnexin, calmodulin and calcineurin, prior to MCFIP's development of quantum biology, no one has elucidated their roles and interactions as the primary cause of all cancers.

The following is provided for discussion with computational biologists.

Cell Alignment: 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: IFN γ (CD-25)

Iron - serine - Manganese
Iron - cysteine - Manganese
Iron - threonine - Manganese

These are examples of the "enzymes" that have evolved with various designations; e.g. AKT, mTOR, PTEN, NF-kB, and MYC.
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