Pediatric Brain Cancers

The following is provided for discussion purposes with qualified bioinformatics professionals relative to causal factors for three pediatric brain cancers. Note: There is always note than one cause for any chronic disease.

These examples were derived through the use of quantum biology modeling. [1]

Medulloblastoma
- Sonic Hedgehog (aka Gli1 - 3)
- FDZ1 - 4 and 9

Neuroblastoma
- KIF1A - C (Copy Error Mutation)
- TNF-gamma (nMYC)

Pilocytic Astrocytoma
- MAPK Pathway (cMYC)
- TNF-beta (Ras Activity)

The following is provided for use as part of discussions.

TNF Epigenetic Constituents (Cell Alignment)
For Discussion Purposes

TNF-Alpha (Calnexin) Density
Calcium – threonine – magnesium (BRCA1)
Calcium – serine – magnesium (BRCA2)
Calcium – cysteine - magnesium (BRCA3)
For Discussion:
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3436948/

TNF-Beta (Calmodulin) Motility
Calcium – phenylalanine – magnesium (HRas)
Calcium – tyrosine – magnesium (KRas)
Calcium – tryptophan – magnesium (NRas)

TNF-Gamma (Calcineurin)
Calcium – serine – zinc
Calcium – cysteine – zinc
Calcium – threonine – zinc

The following are examples of bioidentical "enzymes" that have evolved with various designations; e.g. AKT, mTOR, PTEN and MYC.

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[1] https://www.mcfip.net/upload/Quantum%20Biology%20MCFIP%20Discoveries.pdf