

Parkinson's Disease (PD) - Hidden Causal Factors

Quantum biology (QB) can identify neuropeptide interactions as one of the primary causes of Parkinson's disease. This assertion can be verified by qualified computational biologists. These interactions constitute imbalances between neuropeptide Y for catecholamines (NPY) and pancreatic polypeptide (PP) for nerve growth factors (NGFs) for emotions.

QB identified, with near certainty, that the neuropeptide PYY provides enzymatic activity (autophagy) for ionic polarity to allow self-assembly to restore imbalances between NPY and PP.

Bioinformatic professionals can verify the following as three of the primary neuropeptide activities that are active in PYY.

Superoxide Dismutase - Autophagy Activity

- ✓ SOD2 ----- Iron - Manganese - SOD
- ✓ SOD1 and SOD3 ----- Copper - Zinc - SOD
- ✓ Calcineurin - Peptide YY

Parkinson's Disease Mysteries

As a PD patient, many of my inexplicable clinical "side effects" (including substantial deficiency of vitamin D) are now supported by a testable and easily treatable foundation.

Vitamin D Deficiency - A **Known Factor** for PD

<https://dmm.biologists.org/content/10/5/519>

Using quantum biology (QB) the only scientifically viable factor that could create a deficiency in vitamin D was disruption of autophagy. Given the fact that the non-lysosome mechanism for autophagy is calcineurin, bioinformatics was used to determine if a correlation existed between PD and inhibition/mutation of calcineurin.

Unknown (Unrecognized) Factor for PD

DIY to verify the facts!

Calcineurin Autophagy Disruption

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