This paper shows that various nervous system diseases result from excess sugar and stress. The body becomes acidic from excess sugar. Previous paper examines each of the primary diseases in detail. This paper combines the diseases to come up with one chemical equation for them.

**Key words:** Neurotransmitters; Caffeine; Melatonin; Hydrogen Peroxide; HSV-1; Parkinson's; Schizophrenia; ALS; Alzheimer's, Cancer

**Introduction**

In this paper, we attempt to develop one chemical equation that provides insight into the causes of Parkinson's; Schizophrenia; ALS, AD, and Cancer. There is such an equation that leads to these diseases. The key chemical compounds are methylene (carbene) and hydroxylamine. Carbene is highly reactive as well. Hydroxylamine reacts with HCl to yield Ammonia (NH3) ; Hydroxide (OH-) and Chlorine (Cl1) and water.

**Figure 1:** Hydroxylamine & Carbene

**1. Parkinson's Disease [BLUE LINE]**

\[
\text{C}_{19}\text{H}_{28}\text{O}_{11} + \text{NO}_2 + \text{O}_2 \rightarrow 2 \text{C}_8\text{H}_{11}\text{NO}_2 + 3\text{CO} \\
\text{VITAMIND COLDCLIMATE 2 SUGARS NERVE TOXIN} \\
\text{2C}_{12}\text{H}_{22}\text{O}_{11} + 8\text{CO} + 2\text{N}_2 \rightarrow 4\text{C}_6\text{H}_{11}\text{NO}_2 + 11\text{O}_2
\]

**2. Adenine; Melatonin; and Caffeine [ BLUE LINES] / Hydrogen Peroxide [RED LINE] & Acetylcholine [GREEN LINE]**

SUGAR ANTIOXIDANT DOPAMINE RECYCLED ABOVE

\[
\text{C}_{19}\text{H}_{28}\text{O}_{11} + \text{NO}_2 + \text{O}_2 \rightarrow 2 \text{C}_8\text{H}_{11}\text{NO}_2 + 3\text{CO} \\
\text{Testosterone DOPAMINE + Propionic Acid} \\
\text{Low Dopamine leads to Parkinson’s Disease.}
\]

**Citation:** Paul TE Cusack. (2020). Sugar & E Coli: Diseases of the Nervous System. *Journal of Brain and Neurological Disorders* 2(1).
C_{27}H_{46}O_4+SO_4+27O_2+C_{16}H_{10}NO_2 \rightarrow 27CO+3H_2S+20H_2O

**CHOLESTROL + CEREBROSIDE + OXYGEN + ACETYCHOLINE \rightarrow CARBON MONOXIDE+SULPHATE+HYDROGEN PEROXIDE.**

**Caffeine and Adenine**

\[ C_{19}H_{19}N_9O_2 + CO_2 + H_2O \rightarrow C_{12}H_{16}N_2O_2 \]

**Melatonin**

Melatonin leads to a small pineal gland which is a sign of schizophrenia. Patients with Schizophrenia have high DOPAMINE, whereas those with Parkinson's have low DOPAMINE.

**3. Acetylcholine & Hydrogen Peroxide [GREEN LINE]**

The chemical equations might look like this:

\[ C_{7}H_{16}O_2 + H_2O_2 + SO_2 \rightarrow 3H_2O + 6H_2S + 7C0 \]

ACETYCHLOINE + Hydrogen Peroxide + Oxygen \rightarrow Water + Hydrogen + Nerve Ion.

(386.654) + (34) + (32+32.066)=484.72 g/mol x 6.023=2919.9 g

Add:

\[ C_{5}H_{9}NO_4 + H_2O_2 + S \rightarrow CO + NO_3^{-} + C_{4}H_{12}O_2 + NH_3 + 6H_2O \]

+6 parts water

\[ C_{13}H_{16}N_2O_2 \rightarrow C_{13}H_{16}N_2O_2 \]

**5. Cancer and Hydrogen Peroxide [RED LINE]**

High Iron and high sodium chloride lead to schizophrenia. Oral Microbiology STD plus iron and chlorine leads to eye trouble and Alzheimer’s Disease.

**6. Limbic System: Papez Circuit [BLACK LINE]**

**Summary:**

- Low Dopamine leads to Parkinson's Disease. Serotonin regulates dopamine.
- Melatonin leads to a small pineal gland which is a sign of schizophrenia. Patients with Schizophrenia have high dopamine, whereas those with Parkinson's have low dopamine.
Throughout the body, excess sugar is harmful. Even a single instance of elevated glucose in the bloodstream can be harmful to the brain, resulting in slowed cognitive function and deficits in memory and attention. Some research suggests high sugar consumption causes inflammation in the brain, leading to memory difficulties. https://www.verywellmind.com/how-sugar-affects-the-brain-4065218

Since we have excess sugar, a polysaccharide, perhaps the culprit is a bacterium. There are three possible bacteria viz E. Coli; Anthrax; or Cholera. Of these Enterobacteriaceae, the only one that survives an acidic environment is E Coli.

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