The Cause of Alzheimer's Disease: Hydrogen Peroxide

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Abstract. In this paper, we dig into a possible root cause of AD. It appears that the myelin sheath on the alveus is destroyed and causes the patient to lose memory in the hippocampus and limbic system. We also tag on some calculation regrading the senses. It is hoped that this is a great leap forward towards a cure for AD.

Key words: Alzheimer's disease, limbic system, hydrogen peroxide, myelin sheath, alveus.

Introduction

In this paper, we consider the possible cause of Alzheimer's Disease. We will see that the myelin sheath in the hippocampus area- the area of memory, is attacked by hydrogen peroxide. The deterioration of the myelin sheath leads to dysfunction of the axons leading to cell death and thus memory loss (Carter, 2019; Crawford, 2020; Criscuolo et al., 2017: 53; Diamond and Scheibel, 1985: 65-72). At the end of this paper, we also provide some calculations related to the senses. We begin with memory.

Material and Methods

There are two primary types of memory: Procedural Memory (Skills and tasks); and Declarative Memory. Declarative memory is divided into two: Episodic Memory (life events and experience) and Semantic Memory (facts and concepts).

Memory is deteriorated in patients with Alzheimer's Disease (Gowin and Kothmann, 2016: 36-65; Kudelova and Rajcani, 2020: 169-214; Mahy and van Regenmortel, 2010: 10-16). The memory is in the Limbic System, particularly the Hippocampus mainly, the Para hippocampus, the Dentate Gyrus, the Mossy Fibres, Amygdala, Schaffer Collaterals, Areas C1 and C3. Area C1 is critical to spatial memory which is deficient in patients with Alzheimer's Disease. So is episodic memory and semantic memory. Area C3 is involved in pattern recognition which is just a form of comparing memories (Murphy and Levine III, 2010: 311; Reqwash, 2008: 41-48).

MI theorize that myelinated fibres in the alveus is deteriorated in patients with AD. Of course, myelination is deteriorated in patients with Multiple Sclerosis as well. Myelinated axons carry a nerve impulse at 150 m/s. If they are unmyelinated, the nerve signal would be short circuited leading to apotheosis.

Results

$v=d/t$
$150 \text{ m/s}=d/0.5 \text{ msec}$
$d=0.75$

Space = cross product of energy and time

$s=Et \sin \theta$
$0.75=E \sqrt{3} \sin 60°$ sixty-degrees is a critical factor in AT Math.
$E=0.5$
$E=1/t=1/2$
$t=2$

Golden Mean Parabola (GMP) from AT Math:
t^2-t-1=E
2^2-2-1=1

The equation of the mind models the mid as an inductor of 2 Henries. This equation was derived in a previous paper.

L=Ln t+c^3
Resistance=Mass + Neurotransmitter Receptors
R=M+N.Tr. Receptors
R=M+N.Tr.
=-25+27
=2
=Sesnes+Motor
=(1+1)

From Electrical Engineering, Voltage =Current x Resistance. The voltage of the human nervous system is 105 mV (-35 +70mV)

V=iR
105=i(2)
i=52.5
$i=t^2$
$t=\sqrt{i}=\sqrt{52.5}=724.5$
t=-11.995=-12
E=1/-12=-0.8333

We set the area of a circle of radius 2 to the circumference and get:

$Area=\pi R^2$
Circ.=2πR
$\pi R^2=2\pi R$
R=2 micro metres

$A=\pi(2^2)$
$=4\pi$
Circ=2π(2)=4π
V=iR
105=52.5R
Resistance =2 Ohms. =Senses =1 + Motor =1
R=2Ω=Senses + Motor
2/(A)=2/4π=1/2π=1 rad=E
Total Energy=Potential energy + Kinetic Energy T.E.= P.E.+K.E.
$= Mc^2+MGh +1/2Mv^2$
=M[9+6.67+1/4]
=M[15915]
=-25(0.15915)
=-3.978

E= 5.0488+3.978=9.0268
$=3.005^2$ $=t^2=i$

V=iR
$105=3^2R$
R=11.666Ω
1/R=0.0857
Now for some chemistry.

$$C_{27}H_{46}0+SO_4+27O_2+C_7H_{16}NO_2 \rightarrow 27CO+3H_2S+20H_2O_2$$

CHOLETESROL + CEREBROSIDE + OYYGEN + ACETYLCHOLINE ➔
CARBON MONOXIDE+SULPHATE+HYDROGEN PEROIXIDE

amu (Atomic Mass Units)

C27H46O 386.654
SO4 96.06
O2 32.00
Σ514.714 x6.023 (Avogadro) =31.00 12th prime Number
514.714+146.210=3980
TE=M(0.15915)
=(-25)(0.15915)=3979 Cf. 3980

In a previous paper, we showed that H2O2 was the culprit in cancer (Cusack, 2018a: 11-12; Cusack, 2018b: 139-140; Cusack, 2020: 77). If you have cancer, you will not get Alzheimer's disease. H2O2 breaks down the myelin sheath on the Alveus. The Hippocampus sectors C1 through C3 are characterized by an outer layer of myelinated fibres called the alveus (Fig. 1).

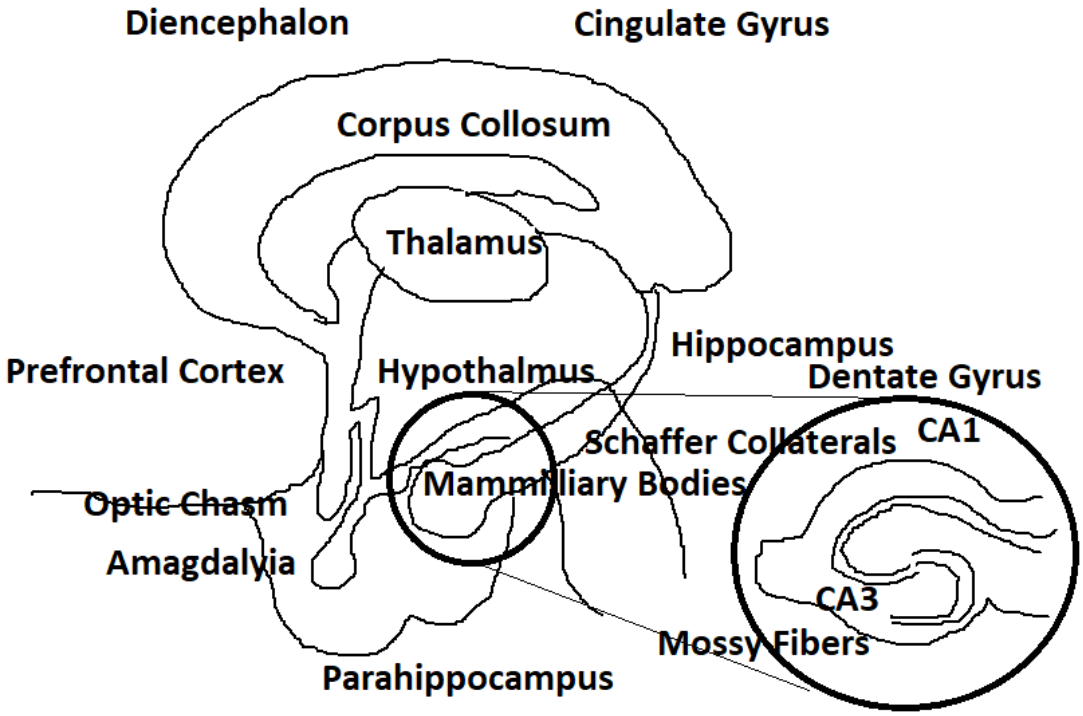

Fig. 1. Limbic System

Now, the senses have values associated with them, as derived in a previous paper.
Taste=5 x √G= 5x 0.816=4.08
Smell=8 x √3=13.85
Σ Feeding=179.36~180=π
1/Feed=1/π

Temperature + Reproduction +Sleep + Eating
(4)+(4+1)- 77%(1/π)+ (1/π)
=104.56=105
TE=M{0.1592]
=(-25)(15915)
=3979
~4

Cortex:
18% x 3.979=0.716=t
GMP E=12.03

Brain Stem +Cortex:
12.38+12.03=24.41
Senses R=1
Motor=1
Activity (Brain Stem)=1.0456
Internal = 77% (13) Nuclei=1

KE=1
Σ=5.0456~5.05 Cf/ 5.0488

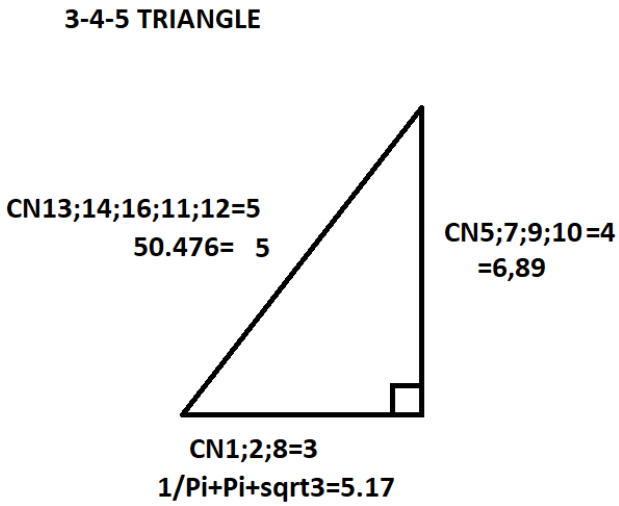

Fig. 2. Triangle showing evolution of nervous system mathematically

Σ Senses= 1/π+π+√3+4+√G=1
V=iR
105.1=i(1)
i=105.8

$i=t^2$
$t=1/c^2$
$V=iR$
$=(1/c^2)(1)$
$=1/9$
$=E/c^2$
$=M$
$M=Ln\ t$
$t=e^{1/9}$
$=0.11175$
$=c^2$
$t^2-t-1=0$
$(1/c^2)^2-1/c^2-1$
$=1/81-1/9-1=89=c^2$
$E=c^2$
$M=1$

Conclusion

We see that AD could be caused by the deterioration of the myelin sheath in the alveus area of the hippocampus. The root cause of AD could be hydrogen peroxide. Hydrogen peroxide is common in chemical mole balanced equation for the brain. It is thought to cause cancer as well as benign tumors. It may be the root cause of Dementia and Alzheimer's Disease.

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