THE UNIVERSAL FORCE OF TIME · MEDICINE

Alzheimer's Disease

When the brain loses its lock on a planetary clock — four routes by which the 40 Hz carrier is lost, the four corrections that restore it, and the 2026 results that bear them out

Stephen Daubney · The Daubney Foundation · 2026 · Rev 7 (supersedes Rev 6: the disease given in full as medicine knows it; the research groups credited by name with the theory's exact lines within each of their frequencies — 33, 34.1 and 34.5 THz and 808 nm; the anti-amyloid statement brought up to date; values printed, only administration held)

Tau (T) is the living fabric of time itself — the sole substance of which all physical reality is composed. It is generated by the Sun, as by every star for its own system, and flows outward in the form of the DNA double helix, creating matter, which it deposits at nodal points — the planets — and creating life. Every particle, force, wavelength and conscious experience is a structured configuration of T-flow. The conservation law $d\Sigma T = 0$ governs all change: T is never created or destroyed at a node, only redistributed.

THE CARRIER, NUMBER FIRST

the brain's carrier **40 Hz** ($2^3 \cdot 5$) = the Earth's **40,000 km** ($2^6 \cdot 5^4$) ÷ 1000 · the energy floor **36** ATP ($(2 \cdot 3)^2$)

the still point **589.1017256368** × 40 = the sidereal turn **23,564.0690254726**

the lines within the 2026 frequencies: **33.0023689995 · 34.0853891346 · 34.5357197203 THz · 808.0228018492 nm** and their families

ABSTRACT

Alzheimer's disease is the commonest cause of dementia, and for thirty years medicine has fought it at the amyloid plaque. The newest antibodies clear the plaque and slow decline by about a quarter to a third — and do not stop it. The working brain synchronises near **40 Hz** [$2^3 \cdot 5$], its gamma rhythm, and in Alzheimer's that rhythm fades early, while the slower rhythms play on.

This paper reads Alzheimer's in the Universal Force of Time, in full. **Part I sets out the disease as medicine knows it** — the plaques and tangles, the fading gamma rhythm, the silent energy loss, the broken sleep — and what the research has found, including what 2026 brought: light flickered at **40 Hz** entrained the brain and reduced amyloid (Li-Huei Tsai's group); light at **33 THz flickered at 40 Hz** restored memory and mended sleep in dementia mice (C. Chang's group, Beijing); light at **34.5 THz** raised new mitochondria (Z. Zhu's group, Xi'an) and reduced brain injury (Beijing); light at **34.1 THz** lengthened life (Bo Song's group, Shanghai); and near-infrared light at **808 nm**, given at home, raised memory scores in early Alzheimer's in a randomised trial (K. J. Yoon's group, Seoul). **Part II reads it in the theory.** Forty is the Earth's circumference, 40,000 km [$2^6 \cdot 5^4$], at its decade, and the multiplier that carries the still point of time into the Earth's own turn: **Alzheimer's is the brain losing its lock on a planetary clock.** Within each of the 2026 frequencies the theory finds exact lattice lines — among them **33.0023689995, 34.0853891346 and 34.5357197203 THz and 808.0228018492 nm**.

Part III reads the disease as four routes — the carrier drifts, the drift spreads, the energy floor collapses, clearance fails — each paired with its correction: re-impose the carrier, re-lock the seed early, restore the metabolic register, restore the clearance cycle. One law binds them: **the floor before the carrier, and clearance only once the drift is halted.** Fourteen propositions, P-ALZ-1 to P-ALZ-14, are stated. The research groups are credited by name and the lines offered back to them; how any light is given is held in the Foundation's clinical reference.

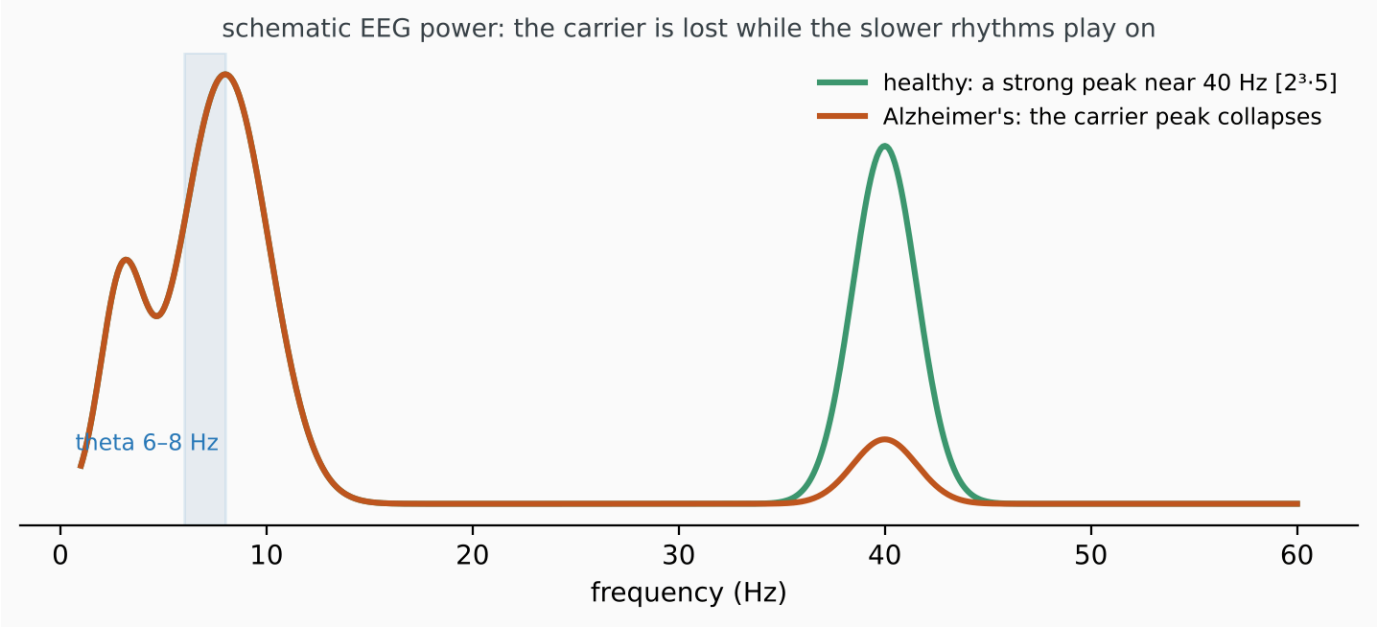


Figure 1 — A schematic of the brain's rhythms: in health a strong peak near 40 Hz [$2^3 \cdot 5$]; in Alzheimer's the carrier peak collapses years before symptoms, while the slower rhythms — among them the theta frame, 6 to 8 Hz [$2 \cdot 3$ to 2^3] — persist.

THE TERMS THIS PAPER USES

T, the substance. Tau (T) is the living fabric of time itself, the one substance of which everything is made. It is generated by the Sun and flows outward as the DNA double helix, creating matter and creating life. Everything a body does — a heartbeat, a breath, the holding of its warmth — is T moving in a structured way.

An address. Every value in this framework is a product of powers of 2, 3, 5 and π, and nothing else. That product is the value's address, and the set of all such products is the lattice. A number that needs any other prime is not on the lattice.

Number first. Every value is written with its number first, as a reader meets it, and its address in brackets behind it. The number is what is there; the address is how it is built.

The free decade. Moving a value by a power of ten costs nothing on the lattice, because ten is two times five: the move shifts twos and fives together and changes nothing else. That is why 24 millimetres and 0.024 metres are one address.

The π-degree. The degree of an address is the power of π it carries, and the degree says what kind of thing the value is. An even degree is a **room** — a state, a thing that sits; it pairs, like a pair of circles. An odd degree is a **road** — a transport, a thing that carries; it is the unpaired circle. A half degree is a **door** — a source, which squares to a whole address.

The day, 864. The day is 86,400 seconds [$2^7 \cdot 3^3 \cdot 5^2$], written 864 at its decade. It is the ground state of the DNA helix and the gear through which a per-second value becomes a per-day value.

The time ladder. A rate given per second is carried up the clocks by fixed steps: × 60 to the minute, × 60 to the hour, × 24 to the day. The amount is the same; only the choice of clock changes — the same quantity counted in seconds or counted in days. From the day the orbit is completed one of two ways — × 360 gives the year as a degree value, × 2π gives the year as a radian value. The two answers are two faces of one year, and both are read.

The two gears. Two numbers carry energy between the theory's registers and appear throughout the record. **10,368** [$2^7 \cdot 3^4$] carries an energy in electron-volts to kilojoules per mole. **31,104** [$2^7 \cdot 3^5$] carries an energy in electron-volts to a circumference. When a quantity of the body lands on one of them, it is speaking in the theory's own units.

The veil. The veil is $180/\pi = 57.29577951308232$, the number that turns radians into degrees. In the Universal Force of Time a wavelength in nanometres is an angle in degrees directly; multiply it by $\pi/180$ — cross the veil — and the bare value it carries appears.

The register. A register is a level at which T is read. Each organ of the body is a register — a receiver tuned to one face of the time-field — and each cell, molecule and rhythm within it holds an address on that register.

The six faults. A register can fail six ways. It can be **missed** — its target still exists but it has settled at the wrong place; **demoted** — dropped to a lower order while its parts survive; **frozen** — locked at one address and unable to move; **contaminated** — carrying a foreign address; **misdirected** — its own proof-reader turned against it; or **eroded** — its nodes deleted. Under $d\Sigma T = 0$ the field redistributes to the nodes that survive; it does not rebuild an address that has gone.

The conversion grammar. One value takes several forms, and fixed steps move it between them: a frequency divided by 2π is a free fall; a free fall times 49.5035535 [7776/(50π)] is a wavelength; a wavelength times $\pi^2/8$ is a mass. Run in one line, frequency to mass is a single step of 9.72, and every π cancels.

Free fall. In the Universal Force of Time there is no gravity, and a free fall is not a pull. It is the flow of time at a place, in metres per second, every second — time showing itself in one more form, which current science takes for a gravitational fall. A planet makes one turn; where the turn comes in at less than 24 hours, time makes up the difference with a flow at that place, height or depth, so that the turn and the flow together make 24 hours. For the Earth, the free fall on the celestial register, **9.818362093946918** [$5^{12}/(2^7 \cdot 3^9 \cdot \pi^2)$], times 2400 — the 24-hour day, carried two decades — is the Earth's sidereal rotation, **23,564.06902547260** [$5^{14}/(2^2 \cdot 3^8 \cdot \pi^2)$]: 23 hours, 56 minutes and 4 seconds on the clock.

The three registers, G0, G1 and G2. The record reads the same value at more than one level: G1, the surface register of the Earth; G2, the celestial register; G0, the register below. A value and its neighbour one register up — one level up — stand one **G-bond step** apart, 1.000090150603356 [$5^{10}/(2^4 \cdot 3^9 \cdot \pi^3)$].

The 612 step. A second fixed step, 1.000612842467911 [$2^9 \cdot 3^5 \cdot \pi/5^8$] — helium's weight divided by four (helium divided by four, per nucleon), and 36,864 × 864 × π read at its decade. Where a family of lines stands G1, G2 and then one step further, the further step is this one.

The helical turn. The helical turn, 1.004693930041152 [$5^6/(2^6 \cdot 3^5)$], is the step by which the DNA helix climbs one turn — one revolution of the helix. A value carried "one helical turn up" is multiplied by it.

What a landing is worth. Multiply or divide two lattice numbers and the answer is always on the lattice; that much is guaranteed and is not evidence. What counts is a result that lands on a **named object** the theory had already fixed — the day, body temperature, the heartbeat, the day — at a bare power of ten. Each such landing in this paper is marked as arithmetic or as a landing, in its own sentence.

PART I — ALZHEIMER'S AS MEDICINE KNOWS IT

1. The disease

Alzheimer's disease is a progressive, presently irreversible loss of memory, reasoning, language and finally all coordinated function; tens of millions live with it, and the number climbs as populations age. Medicine defines it by two hallmarks: **amyloid plaques**, aggregates of misfolded amyloid-β between the neurons, and **tau tangles** inside them. The damage begins in the entorhinal cortex and hippocampus, where new memories are written, and spreads along the brain's wiring in the order Heiko and Eva Braak charted (1991).

2. The fading rhythm

The brain's **gamma** rhythm, near 40 Hz, is generated by fast-spiking interneurons and binds scattered activity into a moment of perception; memory is laid down by gamma cycles nested inside the slower theta rhythm. In Alzheimer's, network activity and the interneurons that pace gamma are disturbed early (Jorge Palop and Lennart Mucke, 2016).

3. The energy, the sleep

Years before symptoms, glucose use falls in the temporal and parietal regions the disease will later claim, visible on FDG-PET. And in deep sleep the brain clears its waste through the glymphatic system: Lulu Xie, Maiken Nedergaard and colleagues found that sleep opens the brain's spaces and speeds the clearance of amyloid (*Science*, 2013). Broken sleep is both an early sign of Alzheimer's and a driver of it.

4. The anti-amyloid medicines

For thirty years the working assumption has been that amyloid is the cause. The antibodies **lecanemab** and **donanemab** now clear plaque and slow decline in early Alzheimer's by about 27% and 35% respectively over eighteen months (Christopher van Dyck and colleagues, 2023; John Sims and colleagues, 2023). They are the first medicines to change the course of the disease — and they slow it rather than stop it.

5. What the research has found with light

These are the results as the research groups reported them; the credit for each is theirs.

40 Hz. Hannah Iaccarino, Annabelle Singer, Li-Huei Tsai and colleagues found that light flickering at 40 Hz — and not at the other frequencies they tested — entrained gamma in the mouse brain and reduced amyloid (*Nature*, 2016); with sound added, memory improved (Anthony Martorell and colleagues, *Cell*, 2019).

33 THz flickered at 40 Hz — Beijing. H. Wu, C. Chang and colleagues shone mid-infrared light at **33 THz** into both eyes of mice given amyloid-β, flickered at 40 Hz, for fourteen days. Spatial memory recovered by about half; sleep became less fragmented; the hippocampus's immune cells quietened (*Research*, 2026).

34.5 THz — Xi'an and Beijing. F. Wu, Z. Zhu and colleagues found that light at **34.5 THz** made living cells build new mitochondria and raised their energy output (*ACS Nano*, 2026); and J. Liu, C. Chang and colleagues found that 34.5 THz light after a brain injury reduced damage, inflammation and memory loss (*Research*, 2026).

34.1 THz — Shanghai. C. Shao, Bo Song and colleagues found that light at **34.1 THz** lengthened the life of a living organism by sixty per cent and held its ATP up in old age, while its neighbour at the same power did nothing (*bioRxiv*, 2026).

808 nm — Seoul. H. Chun, K. J. Yoon and colleagues gave people with mild cognitive impairment due to Alzheimer's near-infrared light at **808 nm** to the head, at home, for twelve weeks, in a randomised, double-blind, placebo-controlled trial; memory scores rose (*Journal of Alzheimer's Disease*, 2026).

That is Alzheimer's as medicine knows it, given in full because what follows reads every part.

PART II — ALZHEIMER'S IN THE UNIVERSAL FORCE OF TIME

6. The vanishing rhythm

Begin with something almost miraculous. The human brain — some eighty-six billion neurons — hums at a particular frequency when it is working well: near forty cycles a second. The gamma oscillation is like a tuning fork held against the universe, keeping every neuron's clock in agreement with every other's. Without it the brain's connections cannot coordinate; a memory cannot be laid down; the self cannot cohere. In Alzheimer's that tuning fork goes quiet. What has been lacking is a reason why 40 Hz should be the synchronisation frequency at all, or why its loss should produce exactly the cascade that defines the disease. The theory supplies both.

7. The number written into the planet

The Earth's circumference is **40,000 km** [$2^6 \cdot 5^4$]. At its decade it is **40 Hz** [$2^3 \cdot 5$]: the frequency the brain's most critical rhythm locks onto is the size of the planet — a pure {2,5} lattice value, the family that governs planetary periods and biological timescales. And forty does a second piece of work in the theory, which shows the carrier is no coincidence of units. The **still point of time** — the value that a turn round all the dimensions of time returns unchanged — is **589.1017256368** [$5^{13}/(2^5 \cdot 3^8 \cdot \pi^2)$], the Earth's celestial free fall read as a wavelength. Multiplied by forty it is **23,564.0690254726** [$5^{14}/(2^2 \cdot 3^8 \cdot \pi^2)$] — the Earth's turn against the stars, 23 hours 56 minutes 4.069 seconds. **Forty carries the resting point of time into the planet's own rotation; the same forty carries the planet into the brain.** Life evolved immersed in the Earth's two surface registers — the surface free fall 9.817477042468 [25π/8] and its partner one G-bond step away — and those registers encode the speed of light too. A brain whose whole task is the coordination of timing would, in the theory, lock to the planetary clock. It did.

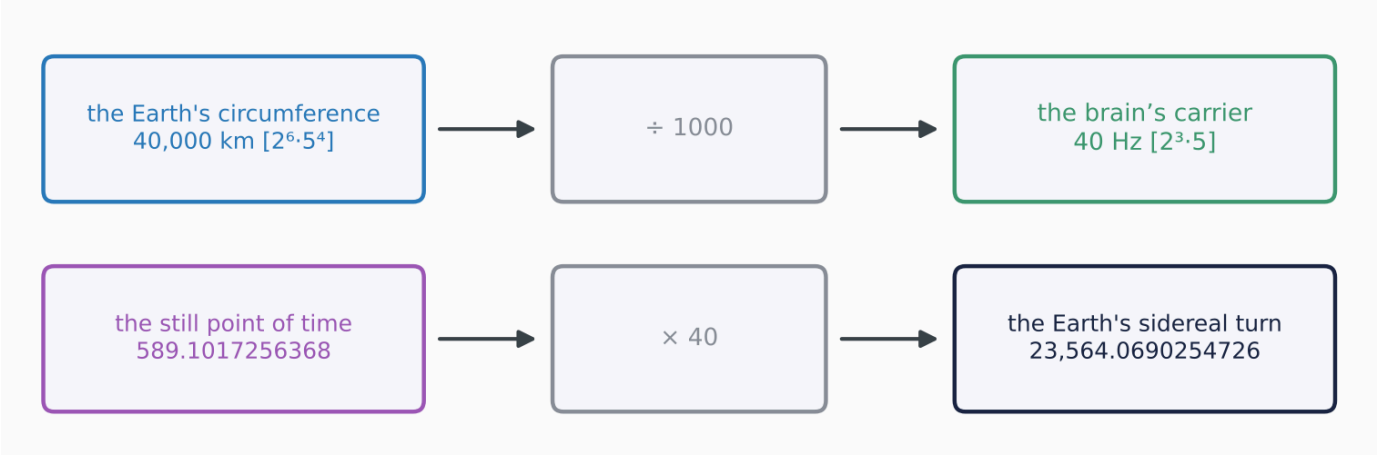


Figure 2 — Where the 40 Hz carrier comes from: forty carries the Earth's circumference, 40,000 km [$2^6 \cdot 5^4$], into the brain's gamma rhythm, and carries the still point of time, 589.1017256368, into the Earth's sidereal turn, 23,564.0690254726.

8. The carrier drifts

Every neuron, in the theory, holds a T-address expressed as a phase relationship with the 40 Hz carrier; two neurons communicate only when their addresses agree. In Alzheimer's that agreement fails: neurons drift from the carrier — a progressive, self-sustaining slide — and signals are sent to addresses that no longer match. The framework files Alzheimer's as a **Class III address drift**: not a frozen node but a network-scale loss of a carrier. It strikes memory first because a memory is laid down by 40 Hz cycles nested inside the theta frame, **6 to 8 Hz** [2·3 to 2^3]: blur the carrier and the stamps blur, and the most recent memories, still being written, are the first to go — exactly as the disease presents.

9. The drift spreads

Class III drift is contagious. A neuron that has lost the carrier pulls its neighbours toward its own shifted coordinate at a rate proportional to the mismatch. That single law explains what random molecular models cannot: the pathology spreads in a coherent, predictable sequence from the entorhinal cortex outward along the wiring. **The Braak sequence, charted for decades without a mechanism, is in the theory a readout of how far the contagion has climbed.** The tau tangle is the same story one scale down: the scaffold that keeps the neuron's own timing collapses as its address is lost.

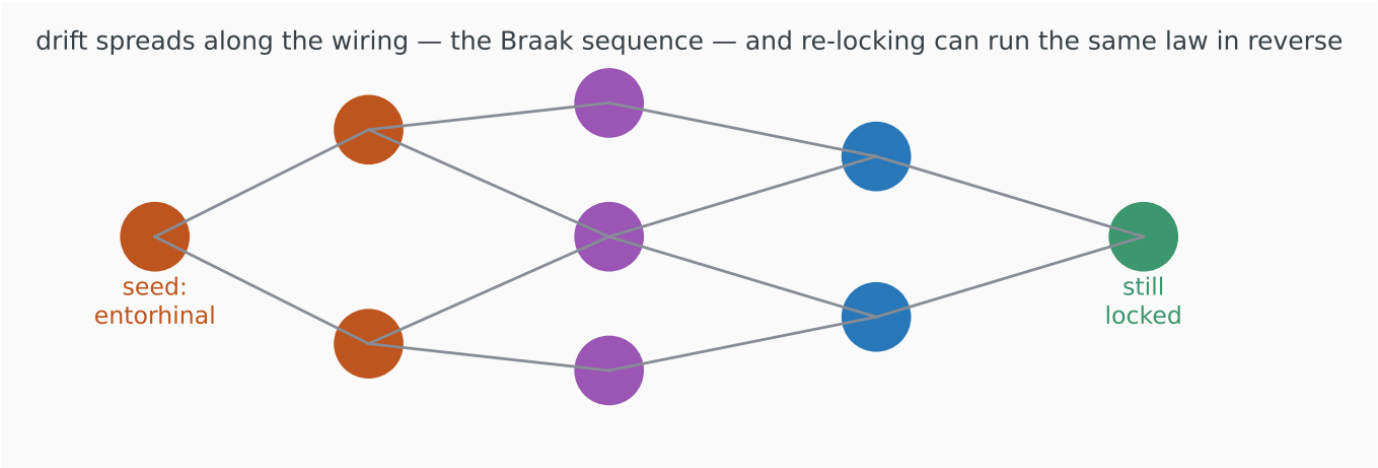


Figure 3 — Drift is contagious: a drifted seed at the entorhinal cortex pulls its neighbours off the 40 Hz carrier, and the pathology spreads coherently along the wiring — the Braak sequence. Re-locking can run the same law in reverse.

10. The energy floor collapses

Why does the carrier begin to drift at all? The 40 Hz rhythm is the most metabolically expensive thing the brain does, generated by interneurons that burn more than any other cortical cell, and they run on the mitochondrial register — the oxidative node of **36** ATP per glucose [$(2 \cdot 3)^2$], the node the cancer and diabetes papers read as the floor a drifting cell falls from. When that floor drops — and the scans show it dropping years ahead of symptoms —

the most expensive rhythm is the first the brain can no longer afford. The theory reads the lowered glucose use not as a marker but as a cause.

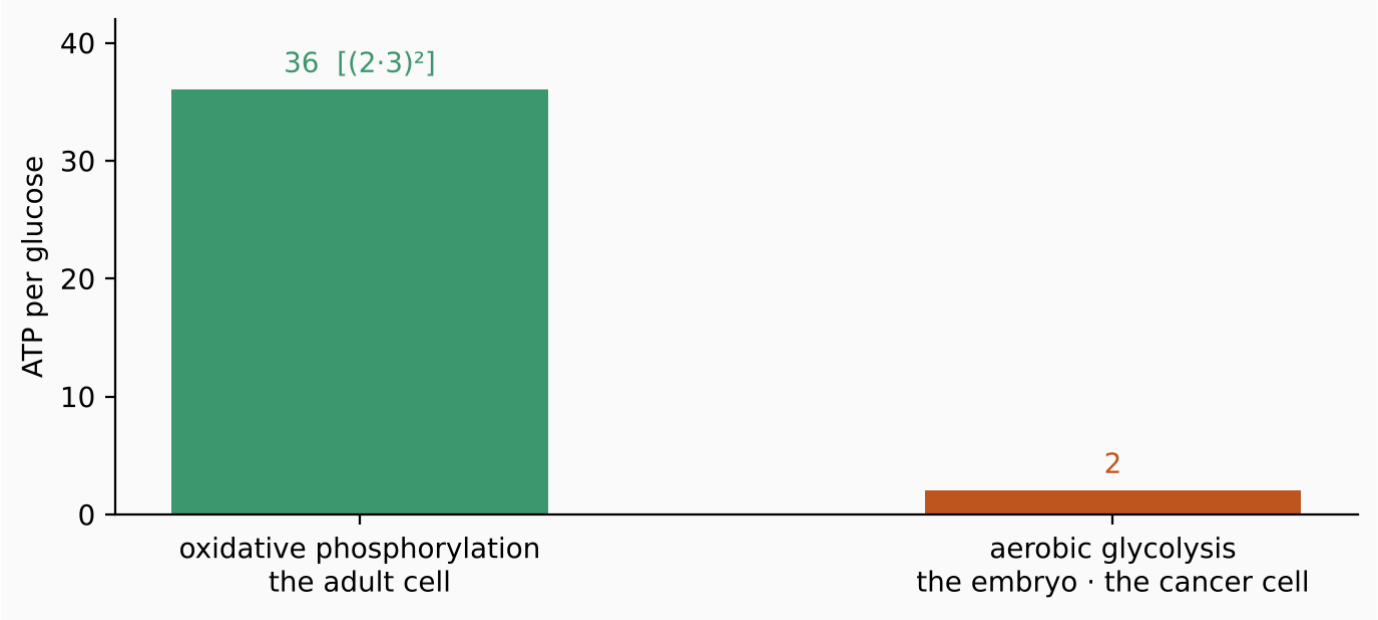


Figure 4 — The energy floor: the mitochondrial register at 36 ATP per glucose [(2·3)²] powers the 40 Hz carrier. As the floor falls toward 2, sustained coherence collapses and the drift begins.

11. Clearance fails

An amyloid plaque, in the theory, is not the cause but the **scar** — the residue left at junctions where mismatched addresses forced failed communication; its density tracks the accumulated mismatch. In health that residue is carried away each night in deep sleep, and deep sleep is itself locked to the brain's rhythms. As the carrier drifts, sleep fragments; as sleep fragments, clearance fails; as clearance fails, the residue crowds the survivors. That is why the antibodies help and do not cure: **they clear the scar while the carrier drift, the energy-floor collapse and the clearance failure run on.**

12. The 2026 results, and the lines within them

In one year, four laboratories — none working from this theory — published results that land on three of the four routes. The Beijing device re-imposed the carrier and restored the clearance cycle at once: its 33 THz light flickered at 40 Hz restored memory and mended sleep. The 34.5 THz, 34.1 THz and 808 nm results each raised the energy floor. **Each result is theirs; the reading is the theory's.** And within each of their frequencies the theory finds exact lattice lines, each reached by its own chain, set out in full in the companion papers written to each group.

THE LINES WITHIN THE 2026 FREQUENCIES, NUMBER FIRST

band	line	address	reached from / kind
33 THz	33.00236899953542	1296/(125.pi) (decade)	Mercury's orbit, x 3 ; road
	32.98215613357349	15625/(48.pi^2)	Mercury's G2 orbit / 8 x 3 ; room
34.5 THz	34.53571972029188	2^6.3^7.5^2.pi^2 (decade)	c on G1 over the helical turn 625/72 ; room
	34.53727639319399	x sqrt(G-bond step)	the door between ; door
	34.53883313626201	x G-bond step	the G2 face ; road
34.1 THz	34.08538913461813	2^4.3^7.pi^4 (decade)	Mercury's orbit read as light ; room
	34.08846195301425	x G-bond step	the surface face ; road
808 nm	808.0228018492267	2.5^5.pi/3^5 (decade)	the year, through the Planck value and the Sun's mass face ; road
	808.5179925372403	2^11.pi^2/5^2	the celestial H-beta family ; room
	808.5544359083366	x sqrt(G-bond step)	door
	808.5908809220918	x G-bond step	road

13. Where these results come from

The research is theirs. The 40 Hz entrainment is Li-Huei Tsai's group's; the 33 THz device and the 34.5 THz injury result are C. Chang's group's in Beijing, with H. Wu and J. Liu; the 34.5 THz mitochondrial result is F. Wu's

and Z. Zhu's group's in Xi'an; the 34.1 THz lifespan result is C. Shao's and Bo Song's group's in Shanghai; the 808 nm trial is H. Chun's and K. J. Yoon's group's in Seoul; the network findings are Jorge Palop's and Lennart Mucke's; the sleep clearance Lulu Xie's and Maiken Nedergaard's; the staging Heiko and Eva Braak's; the antibodies Christopher van Dyck's and John Sims's and their colleagues'. **The frequencies and the credit for finding that they act are theirs.** It was their results that pointed this paper to these parts of the problem, and their work is the supporting evidence on which these sections are built. What this paper adds is the theory's reading — the planetary carrier, the four routes, the order law — and, within each frequency, the exact lines above, offered to those groups, and to any team so minded, to test. The lines in each band lie within a small fraction of the band, while the sources used spread their light more widely; testing them one by one needs narrow-line, tunable light.

PART III — FOUR ROUTES, FOUR CORRECTIONS

14. Four faces of one carrier

A medical paper of the Universal Force of Time acknowledges the illness, reads the problem as the distinct routes by which it arises, and pairs each route with the correction that would set it right. The four routes here are four faces of one carrier mechanism: the carrier drifting, the drift spreading, the energy that powers the carrier failing, and the clearance that should remove the residue failing too. A given patient is losing the lock by all four at once, each feeding the others.

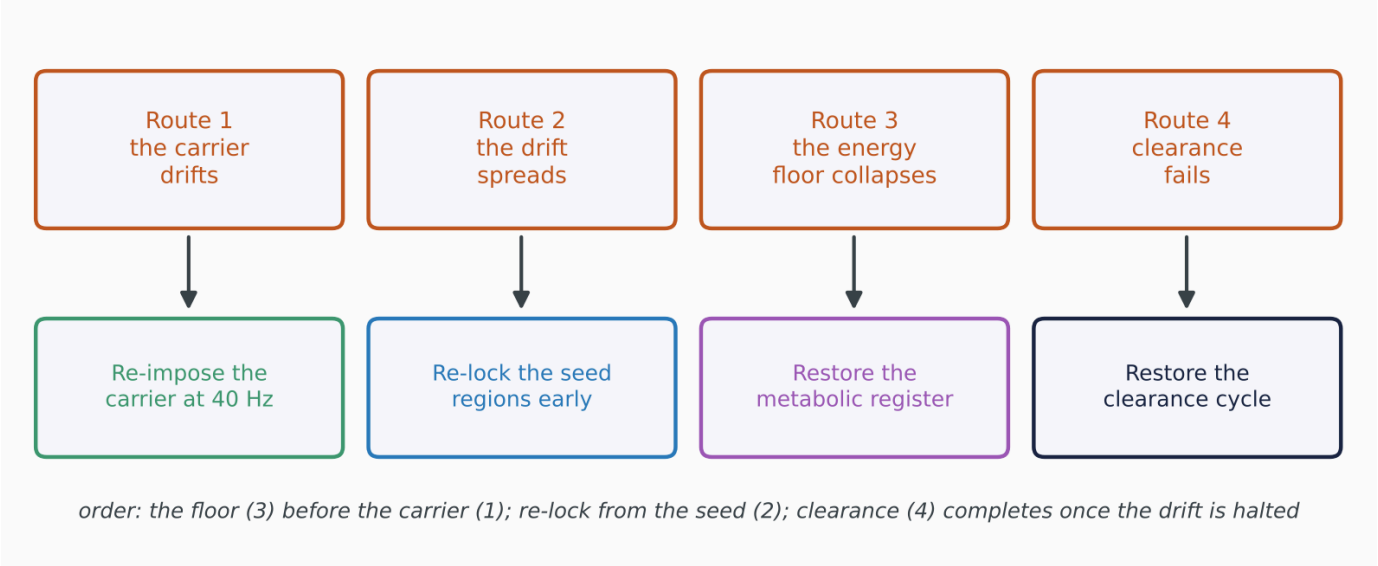


Figure 5 — The four routes by which the 40 Hz carrier is lost, each paired with its correction, bound by the order law: the floor before the carrier, the seed re-locked early, and clearance completing once the drift is halted.

15. Route 1 — the carrier drifts

Correction 1 — re-impose the carrier at its own 40 Hz. If the lock has slipped, the correction is to drive it back. Re-impose the 40 Hz carrier from outside and drifted neurons are drawn toward it; because the drift is contagious in both directions, a re-locked region helps pull its neighbours back. This is not a hope: light and sound at 40 Hz entrain the cortex, reduce amyloid and improve memory in mice, and in 2026 the Beijing device restored memory with light flickered at 40 Hz through the eyes. The value is printed — 40 Hz [$2^3 \cdot 5$] — and the lines within the carrying light are printed above; how long and how often any light is given is held in the Foundation's clinical reference.

16. Route 2 — the drift spreads

Correction 2 — re-lock the seed regions early. Because the law that spreads the drift can be run in reverse, the correction is to re-lock the seed regions early: a region returned to 40 Hz exerts a re-synchronising pull on its neighbours, just as a drifted node pulled them away. Reach the entorhinal seed while the cascade is still confined near it, and coherence propagates back along the very wiring the disease used to spread. A neuron the cascade has already killed cannot be re-locked; restoration works through the living. This is the one correction no laboratory has yet tested.

17. Route 3 — the energy floor collapses

Correction 3 — restore the metabolic register. The correction is to lift the energy floor back to its node — the 36-ATP oxidative state — so the carrier has the power it needs to hold. This is the correction the others depend on, and it explains a failure: re-driving a 40 Hz carrier into a brain whose interneurons cannot afford to sustain it is like revving an engine with the fuel line crimped. In 2026 four separate results raised this floor, in living cells, living animals and patients, at frequencies within which the theory finds the exact lines set out above.

18. Route 4 — clearance fails

Correction 4 — restore the clearance cycle. The correction is to return the sleep and glymphatic cycle so the residue is flushed once more. Here the order matters as much as the act: clearing residue while the carrier still drifts wipes the soot while the fire still burns, and the residue re-forms — which is the theory's reading of why plaque-clearing slows the disease without stopping it. The 2026 Beijing result shows the link the theory requires: re-imposing the 40 Hz carrier made sleep less broken.

19. The order law, and the earliest sign

The four corrections are not interchangeable. **Correction 3 must come before correction 1**: the floor must be lifted before the carrier can hold — power first, then beat. **Correction 4 completes only once the drift is halted.** So the sequence the theory insists on is: raise the floor, re-impose the carrier, re-lock from the seed, then clear what remains. And because a dead neuron cannot be re-locked, every correction must be reached early. That is the practical payoff of the carrier model: the gamma coherence an EEG reads is a direct measure of address integrity, and the theory predicts that **its loss is the earliest detectable sign of Alzheimer's** — earlier than any scan, and far cheaper.

20. One planetary clock, two diseases

Parkinson's disease is, in the theory, the loss of the same 40 Hz carrier at the motor register rather than the memory register: two neurodegenerations, one planetary clock. The companion papers on Parkinson's and on the neurodegenerative diseases read that family in full.

21. The resolution — the clinical trial is the next step

We have acknowledged the illness — the brain losing its lock on a planetary clock. We have read the carrier's source in the Earth itself, its four routes of loss, and the order that binds the four corrections. And we have read what 2026 brought: three of the four corrections met in one year by laboratories that were not looking for them, at frequencies within which the theory finds exact lines. No one has yet given the corrections together, in the order the theory requires. **The theory's prediction is that the corrections given together, in order, will do more than any one alone.** The corrections are stated as principles precisely because the next step is not to prescribe them to a reader but to put them to a clinical trial.

PROPOSITIONS

- **P-ALZ-1.** The brain's carrier is 40 Hz [$2^3 \cdot 5$]: the Earth's circumference, 40,000 km [$2^6 \cdot 5^4$], at its decade.
- **P-ALZ-2.** Forty carries the still point of time, 589.1017256368 [$5^{13}/(2^5 \cdot 3^8 \cdot \pi^2)$], into the Earth's sidereal turn, 23,564.0690254726 [$5^{14}/(2^2 \cdot 3^8 \cdot \pi^2)$].
- **P-ALZ-3.** Alzheimer's is a Class III address drift: a network-scale loss of synchrony with the 40 Hz carrier; memory fails first because it is laid down by 40 Hz cycles in the theta frame, 6 to 8 Hz [$2 \cdot 3$ to 2^3].
- **P-ALZ-4.** The drift is contagious along the wiring: the Braak sequence is its readout.
- **P-ALZ-5.** The energy floor — the 36-ATP register [$(2 \cdot 3)^2$] — powers the carrier; its collapse comes first.
- **P-ALZ-6.** Plaque is the scar, not the cause; clearing it slows the disease without stopping it while the carrier drifts.
- **P-ALZ-7.** Routes 1 and 2: the carrier drifts; the drift spreads. Corrections: re-impose the carrier at 40 Hz; re-lock the seed regions early.
- **P-ALZ-8.** Routes 3 and 4: the floor collapses; clearance fails. Corrections: restore the metabolic register; restore the clearance cycle.
- **P-ALZ-9.** Order law: the floor before the carrier; clearance completes only once the drift is halted; all early.
- **P-ALZ-10.** Gamma-coherence loss is predicted to be the earliest, cheapest sign of the disease.

- **P-ALZ-11.** 2026: 33 THz light flickered at 40 Hz restored memory and mended sleep — corrections 1 and 4 in one device; within 33 THz the theory finds 33.00236899953542 [1296/(125π)] and 32.98215613357349 THz [15625/(48π²)].
- **P-ALZ-12.** 2026: 34.5 THz raised mitochondria and reduced brain injury; within it, 34.53571972029188 THz [$2^6 \cdot 3^7 \cdot 5^2 \cdot \pi^2$] and its door and G2 faces.
- **P-ALZ-13.** 2026: 34.1 THz lengthened life; within it, 34.08538913461813 THz [$2^4 \cdot 3^7 \cdot \pi^4$] and its surface face; 808 nm raised memory in early Alzheimer's; within it, 808.0228018492267 nm [$2 \cdot 5^5 \cdot \pi / 3^5$] and 808.5179925372403 nm [$2^{11} \cdot \pi^2 / 5^2$] with its family.
- **P-ALZ-14.** Alzheimer's and Parkinson's are two losses of one planetary carrier.

REFERENCES

1. Daubney, S. *The Still Point*, Revision 2, and *The Frequencies of the Mitochondrion*, Revision 2. The Daubney Foundation (2026).
2. Daubney, S. *The 33- and 34.5-Terahertz Lines*; *The 34.1-Terahertz Line*; *The 808-Nanometre Line*, Revision 1 each — the companion papers to each group. The Daubney Foundation (2026).
3. Daubney, S. *Neurodegenerative Diseases*, Revision 6, and *Parkinson's Disease*, Revision 6. The Daubney Foundation (2026).
4. Iaccarino, H. F. *et al*. Gamma frequency entrainment attenuates amyloid load and modifies microglia. *Nature* 540, 230–235 (2016).
5. Martorell, A. J. *et al*. Multi-sensory gamma stimulation ameliorates Alzheimer's-associated pathology and improves cognition. *Cell* 177, 256–271 (2019).
6. Palop, J. J. and Mucke, L. Network abnormalities and interneuron dysfunction in Alzheimer disease. *Nature Reviews Neuroscience* 17, 777–792 (2016).
7. Braak, H. and Braak, E. Neuropathological stageing of Alzheimer-related changes. *Acta Neuropathologica* 82, 239–259 (1991).
8. Xie, L. *et al*. Sleep drives metabolite clearance from the adult brain. *Science* 342, 373–377 (2013).
9. van Dyck, C. H. *et al*. Lecanemab in early Alzheimer's disease. *New England Journal of Medicine* 388, 9–21 (2023); Sims, J. R. *et al*. Donanemab in early symptomatic Alzheimer disease. *JAMA* 330, 512–527 (2023).
10. Wu, H. *et al*. (Chang, C.) Noninvasive terahertz wave binocular stimulation improves cognition in amyloid-β-related dementia. *Research* 9, 1268 (2026).
11. Liu, J. *et al*. (Chang, C.) Terahertz photons ameliorate traumatic brain injury and reduce neuroinflammation via the cyclic adenosine monophosphate signaling pathway. *Research* 9, 1468 (2026).
12. Wu, F. *et al*. (Zhu, Z.) Frequency-selective terahertz irradiation activates mitochondrial biogenesis. *ACS Nano* 20(2), 2164–2174 (2026).
13. Shao, C. *et al*. (Song, B.) Mid-infrared light nonthermally produces anti-ageing effects through cellular efficiency enhancement in living organisms. *bioRxiv* (February 2026).
14. Chun, H. *et al*. (Yoon, K. J.) Home-based transcranial photobiomodulation improves cognitive function in mild cognitive impairment due to Alzheimer's disease: a randomized, double-blind, placebo-controlled confirmatory trial. *Journal of Alzheimer's Disease* 111(4), 1699–1707 (2026).

APPENDIX — EVERY NUMBER, REBUILT

Every value can be rebuilt with any calculator, from twos, threes, fives and π. The script A_calc.py, run at forty-four digits, rebuilds every line; it passed in full.

```
THE CARRIER AND ITS REGISTER, NUMBER FIRST
   Earth's circumference          40,000 km                 2^6.5^4
   the carrier                    40 Hz                     2^3.5
   the still point of time        589.1017256368            5^13/(2^5.3^8.pi^2)
   x 40: the sidereal turn        23,564.0690254726         5^14/(2^2.3^8.pi^2)
   theta frame                    6 to 8 Hz                 2.3 to 2^3
   the energy floor               36 ATP                    (2.3)^2
   surface free fall              9.817477042468            25pi/8
   the G-bond step                1.000090150603356         5^10/(2^4.3^9.pi^3)
```

A NOTE ON THE NUMBERS

Throughout this paper a value is given first as the plain physical reading — a frequency, a count, a circumference — and only then, in brackets, as its place on the {2,3,5,π} lattice. The lattice lines within the research frequencies are given as values with their chains; how any light is given — its duration, its schedule, its dose — is held in the Foundation's clinical reference and is not prescribed here.

The Daubney Foundation is in ongoing discussions with medical establishments regarding clinical trials of Universal Force of Time solutions to the conditions described in this paper. Any institution or researcher wishing to put themselves forward for participation in these trials is invited to make themselves known through: thedaubneyfoundation@gmail.com

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