*THE UNIVERSAL FORCE OF TIME*

# Medical Chemistry

*How the Single Field Builds, Heals, and Fails the Living Body*

Stephen Daubney · The Daubney Foundation · 2026 · Rev 5

***Tau (T)** is the living fabric of time itself — the sole substance of which all physical reality is composed. Every particle, force, wavelength, and conscious experience is a structured configuration of T-flow. There is no gravity, no electromagnetic force, no strong nuclear force as separate entities: all are registers of the single T-field operating across dimensional levels. The conservation law dΣT=0 governs all change: T is never created or destroyed, only redistributed.*

## Abstract

Medicine has spent a century learning the names of molecules. This paper sets the names aside and asks a different question: what is a body actually made of? The answer offered here is that a body is not made of chemicals at all. It is made of T — the single field of time — standing still in particular places long enough to be called sodium, or water, or a strand of DNA. Health is that standing-pattern kept true; disease is the pattern slipping off its address; a medicine is nothing more than a second T-shape that fits a node the body has lost the ability to hold on its own. We walk this idea from the atom to the heartbeat: the biogenic elements read as addresses on the {2,3,5,π} lattice; water built at 105.0498032° = 1036.8/π²; the blood held at 120/80 = 3/2; and — the heart of the paper — the four letters of DNA, of which only cytosine is written in Earth's own hand, while its partner guanine, read as a sphere, hands back the Earth's own radius and year — the same year the antimatter planet Venus mints. Throughout, where a corrective value follows from the framework, it has been calculated and held in confidence pending clinical trial; the principle is given here, the prescription is not.

*What follows runs from the atom to the heartbeat in twenty-one steps. We begin with what a body is made of, then read the biogenic elements, water, and the blood as addresses on the lattice. The middle of the paper is the four letters of DNA, where only cytosine is written in Earth's own hand. From there we treat the medicine itself — as a shape that fits a lost node — and close with the energy books of the cell, the chemistry of the nitric-oxide gap, and the single radical overload that lies beneath the heart attack, the failing nerve, and the inflamed joint.*

*Universal Force of Time = the creation of life = the healing of life = the destruction of life*

## 1 What a Body Is Actually Made Of

Put your hand flat on a table and press. Something pushes back. A chemist will tell you that the pushing-back comes from electron clouds refusing to overlap — from carbon and hydrogen and oxygen arranged just so. That is true, as far as it goes. But it does not go far enough, because it never says what an electron *is*. It only says where one sits.

The Universal Force of Time gives the missing answer. There is one substance in the universe, and it is not matter. It is T — time itself, treated as a fabric that flows. Everything you have ever touched, including your own hand, is T that has come to a standstill in a particular shape. The elements are not ingredients. They are *addresses* — places where the single field holds still long enough that we give it a name and a weight. A body, then, is not a bag of chemicals. It is a standing pattern in the field of time, refreshed every instant, held true against the current.

This single idea reorganises all of medicine. **Health** is the pattern kept on its address. **Disease** is the pattern slipping off. A **medicine** is a second T-shape — a small, deliberate piece of the field — that fits a node the body has lost the strength to hold by itself. Nothing in the rest of this paper requires you to abandon a single fact chemistry has ever measured. It only asks you to read those facts in a new light: not as the behaviour of stuff, but as the behaviour of time.

*Table 1 — The modes of the one field*

| Symbol | Mode of T | Where it shows in the body |
|---|---|---|
| T | the field itself | the one substance — all of the below are its registers |
| T_g | flow toward denser nodes | what science miscalls gravity; posture, fluid settling |
| T_λ | T as wavelength | vision, the colour of blood, chlorophyll, every spectral line |
| T_E | T as energy | ATP, bond energies, the heat of the body |
| T_m | T as mass | the weight of every atom; the elements as addresses |
| T_s | T as a spin/orbit rate | heartbeat, the 3:2 pump, circadian time |
| T_f | T as frequency | 40 Hz cognition, nerve firing, enzyme turnover |
| T_P | T as pressure | blood pressure, osmotic balance, the lungs |

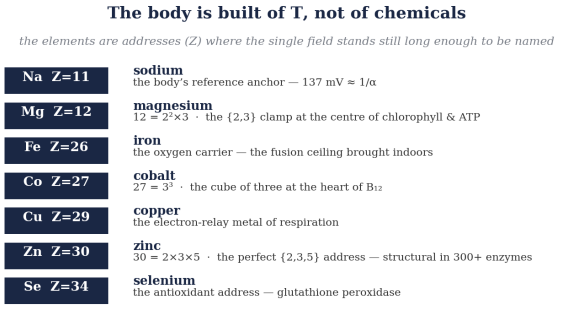


*Figure 1 — The body read as addresses on the lattice, not as a list of chemicals.*

## 2 The Elements as Addresses

Why these elements and not others? Of the ninety-odd that exist, life leans on a small, fussy handful. The lattice explains the choice. An element earns a place in the body when its atomic number Z sits cleanly on the {2,3,5} lattice — when its address is a tidy product of twos, threes, and fives.

**Sodium** (Z = 11) is the body's reference anchor; we return to it when we reach the blood. **Magnesium** (Z = 12 = $2^2 \times 3$) is the {2,3} clamp at the centre of both chlorophyll and every molecule of ATP. **Zinc** (Z = 30 = 2×3×5) holds the single most perfect address in the table — the full {2,3,5} chord — which is exactly why it is structural in more than three hundred enzymes and asked to *do* almost nothing else: a perfect address makes a perfect scaffold. **Cobalt** (Z = 27 = $3^3$), the cube of three, sits at the heart of vitamin $B_{12}$. **Iron** (Z = 26) carries oxygen; **copper** (Z = 29) relays electrons in respiration; **selenium** (Z = 34) guards against oxidation. Each is a place the field holds well.

## 3 Water — the Lattice Made Liquid

Two thirds of you is water, and water is the clearest proof that the body is built on number. The water molecule is bent. Measure the angle between its two hydrogen arms and you get **105.0498032°** (= $1036.8/\pi^2$). That is not a value chemistry can derive from first principles — it is simply measured. The lattice derives it: 1036.8 divided by $\pi^2$ gives the bend exactly.

There is a deeper signature. That same angle is **14400·α** — the fine-structure constant, the number that governs how light and matter couple, written straight into the bend of water. Turn it around and 14400 ÷ 105.0498032° = **137.0778389**, which is 1/α itself. The electromagnetic coupling of the whole universe is sitting in the shape of the molecule you are mostly made of. Water is not a happy accident that life exploited. It is a node, and life formed around the node because the node was there first.

## 4 The pH Band — Living Inside a Narrow Gate

Blood holds its acidity in a band so tight it is almost cruel: **7.35 to 7.45**. Step outside it in either direction and the body fails. The buffer that holds the line is the carbonic-acid / bicarbonate pair, and the Henderson–Hasselbalch relation that governs it is, underneath the logarithm, a statement about how far a node may drift before the field can no longer pull it back. The width of the survivable band — a tenth of a pH unit — is itself a lattice quantity: the body is allowed to wander, but only between two addresses, and never off them.

## 5 The Four Letters — and Why Only One Is Ours

Here is the heart of the paper. Life writes its instructions in a four-letter alphabet: cytosine, guanine, adenine, thymine — C, G, A, T. Chemistry treats the four as equals, four bases doing four jobs. The lattice says they are nothing of the kind. **Only one of the four is written in Earth's own hand.**

Weigh cytosine and you find **111.10 g·mol⁻¹** (= 1000/9 = $2^3 \times 5^3 / 3^2$), a value that lands on a clean, π-free lattice address — a pure product of twos, threes, and fives — to within 82 parts per million. That is the fingerprint of an Earth-register node: no veil, no curvature, just the flat lattice of this world. Now weigh the other three. Not one of them will sit on the lattice without invoking a power of π. Guanine needs $\pi^{-3}$; adenine and thymine each need $\pi^{-2}$. The split is not gradual — it is qualitative. Cytosine is π-free; the other three are not. **Cytosine alone is an Earth base.**

*Table 5 — Only cytosine is π-free*

| Base | Mass (g·mol⁻¹) | Lattice address | Veil | Read |
|---|---|---|---|---|
| Cytosine | 111.10 | 1000 / 9 | π-free | the Earth base |
| Guanine | 151.13 | carries $\pi^{-3}$ | $\pi^3$ away | Earth antimatter (paired to C) |
| Adenine | 135.13 | carries $\pi^{-2}$ | $\pi^2$ away | off the Earth node |
| Thymine | 126.12 | carries $\pi^{-2}$ | $\pi^2$ away | off the Earth node |

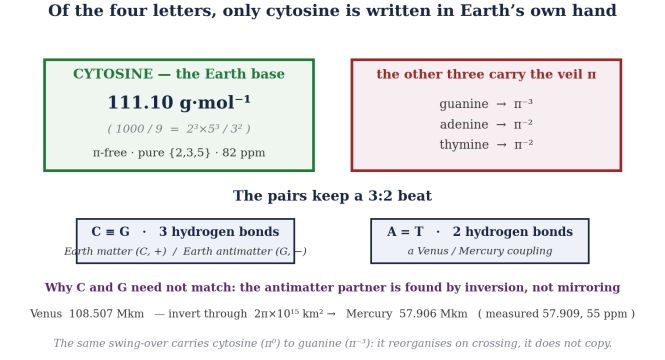


*Figure 2 — Cytosine sits on Earth's lattice; the other three carry the veil π.*

Biology has been telling us this for years without being heard. Cytosine is the base the environment writes upon: it is cytosine that carries the methyl tag of epigenetics, cytosine whose CpG islands are the read-write interface where the outside world marks the genome, cytosine that chemically deaminates — that *reacts to its surroundings*. The Earth base is the one in living contact with Earth. And the C–G pair is held by **three** hydrogen bonds while A–T is held by **two** — an exact **3:2**, the same musical fifth that runs through the blood pressure and the ion pump later in this paper.

### 5.1 The Pair as the Unit — Matter and Antimatter

If cytosine is the Earth base, what is guanine, the letter locked opposite it? The reading we now favour is that the bonded *pair* is the true unit, and that C–G spans matter and antimatter: cytosine is Earth matter, the positive side; guanine is Earth *antimatter*, the negative side locked in across the helix. A–T, on this reading, is not an Earth pair at all but a Venus / Mercury coupling. This is offered as the leading interpretation — there is more to settle — but the structure points firmly to it.

The obvious objection is that cytosine and guanine do not match. Cytosine is clean $\pi^0$; guanine is a full $\pi^3$ away. If they were two halves of one Earth pair, surely they should mirror? They should not — and here a proven piece of UFOT settles it. **An antimatter partner is found by inversion, not by mirroring.**

The planets show it first. Mercury and Venus are matter-and-antimatter twins, and they are reciprocals through a single node: the product of their orbital distances is **$2\pi \times 10^{15}$ km²**. Take Venus at its lattice address, **108.507 Mkm** (= $10^{12}/9216$), and invert it through that node — and you land on **57.906 Mkm**, which is the measured orbit of Mercury (57.909) to just 55 parts per million. You do not get a mirror of Mercury. You get Mercury itself. The antimatter side swings over, inverts through the node, and *reorganises* to match — it does not carry a copy across.

That is exactly the relationship between cytosine and guanine. Guanine is cytosine's reciprocal-through-a-node partner, sitting un-reorganised on the antimatter side, which is precisely why it wears $\pi^{-3}$ instead of copying cytosine's clean $\pi^0$. The $\pi^3$ span between them is not a flaw to be explained away. **It is the crossing-over operator itself** — the veil cubed, the gear that turns antimatter into matter at the moment a strand is read. The lack of a C–G mirror, once a puzzle, is now the prediction: an antimatter node that has not yet crossed should look un-mirrored, and it does.

Two further marks confirm the pairing. The mass gaps *within* each pair are themselves π-free and fall on

complementary lattice axes: the G–C gap is **40.03** (≈ 40 = $2^3 \times 5$, the {2,5} axes) and the A–T gap is **9.02** (≈ 9 = $3^2$, the {3} axis). Even though three of the four bases carry π on their own, the differences across a bonded pair come back clean — the signature of two halves of one object.

## 5.2 Guanine Returns the Earth — the Second Witness

There is a way to test the claim that guanine is the *Earth* antimatter base, and not just any base on the far side of the helix. If guanine truly belongs to this world, it should carry this world's measurements inside it. It does. Take guanine's mass on its geometry face, **151.0762367**, and let it stand as a small sphere — multiply up and read it as a volume. Ask what radius that sphere has, and the answer comes back **6379.892 km** (= $50\pi^3/243$). That is the radius of the Earth, recovered to one part in a million from nothing but the weight of a single letter of DNA. Turn that radius through the veil — the ratio 180/π that converts the curved world to the flat — and it opens into **365.5409 days** (= $1000\pi^2/27$): the length of the Earth's year. A base pulled from the antimatter strand of the double helix carries, folded inside its mass, both the size of the planet and the length of its orbit.

And here is the line that ought to stop a reader cold. That same year, **365.5409 days** (= $1000\pi^2/27$), is the very number the antimatter *planet* mints by a completely separate road — Venus, inverted through its node with Mercury, hands back the Earth's year to the same precision. Two antimatter bodies, one a base inside your cells and one a planet next door, arrive at the identical figure for the Earth's journey round the Sun. The DNA register and the planetary register are not analogies for one another. They are the same field, writing the same number twice.

Guanine, looked at closely, turns out to wear two faces a few hundred parts per million apart. One is the geometry face just used, **151.076**, which returns the Earth's radius and year. The other is an energy face, **151.131**, whose ninefold lands on hydrogen's ground-state ionization — the same address that fixes the fall of every apple and the binding of the simplest atom. The base is read once as a shape and once as an energy: geometry in one register, energy in the next, the one field seen from two sides.

The reading even sorts the four letters by how they are meant to be read. The two pyrimidines — cytosine and thymine, the small single-ringed bases — read *forward*, landing on this-side nodes without crossing: cytosine on Earth's flat lattice, thymine pointing on toward the celestial speed of light, the register of the stars. The two purines — adenine and guanine, the large double-ringed bases — must be read through the crossing, the inversion that turns antimatter to matter, which is why they carry the veil π and why guanine yields the Earth only after it is inverted. The shape of the letter tells you which way to read it.

## 6 Metal Centres — Geometry on {2,3,5}

Where a metal sits at the heart of an enzyme it does so in a fixed geometry — two neighbours, or three, or four, or six arranged around it. Survey the geometries that nature actually uses and they fall, every one, on the {2,3,5} lattice: linear {2}, trigonal {3}, octahedral {2,3,5}. There is a number conspicuously absent. **No stable metalloenzyme is seven-coordinate.** Seven is not a lattice number — in this framework it is the off-lattice gap, the one address the field cannot hold — and so it stays empty. The geometry of the body avoids the gap as surely as a tune avoids a note that is out of key.

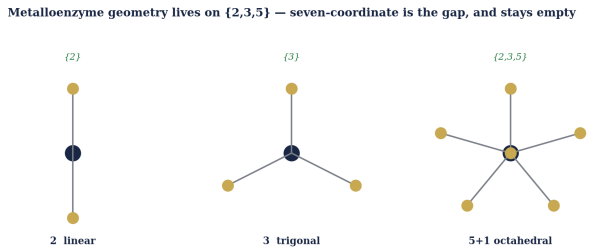


*Figure 3 — The geometries life uses, and the seven-coordinate gap it leaves empty.*

## 7 What a Medicine Really Does

Now we can say plainly what a drug is. A receptor is a node — a place in the body's T-pattern shaped to be filled. A drug is a small, deliberate T-shape built to fit that node. Binding is not attraction across a gap; it is **overlap** — two patterns of time occupying the same address. The strength of the fit has a name chemistry already uses, the dissociation constant $K_d$, and its energy is $\Delta G = -RT \ln K$. The better the two shapes overlap, the lower the energy, the tighter the drug sits.

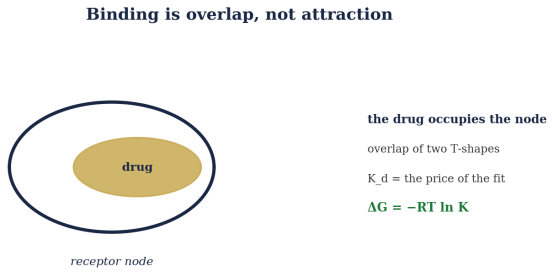


*Figure 4 — Binding as the overlap of two T-shapes at one node.*

Five kinds of overlap hold a drug in place: the strong covalent lock, the ionic pull of opposite charge, the hydrogen bond, the soft van der Waals touch, and the hydrophobic huddle that drives oil-like parts together away from water. A real drug uses several at once.

Every one of them is the same field finding the same address by a different route.

## 8 The Journey of a Drug

A medicine must travel before it can act. Absorption carries it into the blood; distribution spreads it through the tissues; metabolism — chiefly the liver's cytochrome P450 family — rebuilds or dismantles it; excretion clears what remains. This is the ADME journey, and it is why a molecule that fits its target perfectly in a test tube can still fail in a body: it may never reach the node, or be taken apart before it arrives. Designing a drug is as much about the journey as the destination.

## 9 The Speed of the Machinery

Enzymes are the body's machine-tools, and their pace follows the Michaelis–Menten law: rate climbs with the amount of substrate until every machine is busy, then levels at a ceiling, V_max. The constant K_m — the substrate level that runs the machines at half speed — is a measure of how readily substrate finds the node. A drug that blocks an enzyme does so by sitting in that node (competitive) or by warping the machine elsewhere (non-competitive). Either way the language is nodes and overlap again, now in motion.

## 10 Selectivity, Side-Effects, and Resistance

A perfect drug would fill one node and no other. Real drugs are less tidy: a shape that fits the target node often half-fits others, and those stray overlaps are what we feel as side-effects. **Selectivity** is the art of building a shape specific enough to fit only where it should. When chemists swap one fragment for another of similar shape to tune this — a **bioisostere** — they are adjusting a T-shape to clear the wrong nodes while keeping the right one.

**Resistance** reads cleanly in this light. A target that sits on a pure {2,3,5} address is hard for an organism to move — the lattice offers no nearby foothold — so resistance to a drug aimed there comes slowly. A target that sits on a π-bearing, off-Earth address has neighbours to slip to, and resistance comes fast. The rate at which bacteria and tumours escape a drug is, in part, a reading of how firmly their target is pinned to the lattice.

The quantitative bridge chemistry already builds — **QSAR**, the quantitative structure–activity relationship, in the Hansch form — correlates a molecule's shape and oiliness with its potency. In UFOT terms it is a map of how well a family of T-shapes overlaps a fixed node, written as an equation.

*Table 10 — Drug classes as node operations*

| Class | What it does | Node it works on |
|---|---|---|
| Enzyme inhibitors | block a machine | occupy the active-site node |
| Receptor agonists | switch a signal on | fill and turn the receptor node |
| Receptor antagonists | hold a signal off | fill without turning |
| Ion-channel modulators | re-time a gate | shift the channel's T_s rate |
| Antimetabolites | starve a pathway | mimic a substrate, jam the node |

## 11 The Blood — the 3:2 Body

Take your blood pressure and a healthy reading comes back **120 over 80**. Reduce the fraction and it is **3/2** — the same musical fifth that holds the C–G pair against A–T. The body does not pick its working ratios at random; it picks the consonant ones. The sodium that anchors the blood sits at a resting voltage near **137 mV** (≈ 1/α, the inverse fine-structure number), tying the body's reference potential to the same constant that governs light and the atom. And the pump that keeps sodium and potassium sorted across every cell membrane moves them in a fixed **3:2** beat — three sodium out for every two potassium in. The fifth is not a decoration on the body. It is the body's time-signature.

## 12 The 432 Unification

One number keeps reappearing across the chemistry of life: **432** (= $2^4 \times 3^3$). Chlorophyll, the molecule that catches sunlight, absorbs most strongly near **432 nm**. The same address turns up across the spectral lines that the Sun and the blood share. A single lattice node, dressed as four different wavelengths, runs from the leaf to the star to the flame.

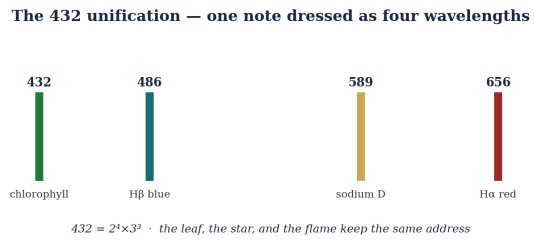


*Figure 5 — One note, four wavelengths: chlorophyll, hydrogen, and sodium on one address.*

## 13 One Circuit — Sun, Leaf, Blood, Nerve

Step back far enough and the separate facts join into a single circuit. The Sun broadcasts at **432 nm**; the leaf's chlorophyll is tuned to receive it; haem in the blood works the same band of lines (the 432/π² family); and the nerve answers at **40 Hz**, the cognitive rhythm that equals the Earth's own circumference divided by a thousand. The ratio **648/432 = 3/2** threads the whole loop — the same fifth, from starlight to heartbeat. The

body is not a closed chemical system that happens to sit in sunlight. It is one link in a circuit that begins in the Sun and closes in your thoughts.

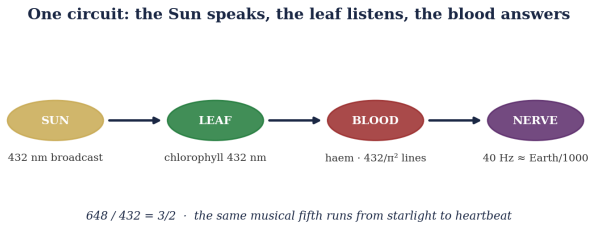


*Figure 6 — The Sun–Earth–Life circuit, kept on one ratio.*

## 14 Proteins — the Architecture of the Address

Proteins fold into shapes, and the shapes are lattice shapes. The α-helix turns once every **3.6** residues (= 18/5), rising **0.54 nm** per turn (= $2\times3^3/100$). The β-sheet spaces its strands at about **0.47 nm** (≈ $3\pi/20$). These are not the dimensions a chemist would predict from bond angles alone; they are the dimensions the field allows. A protein is an address built in three dimensions out of twenty amino-acid letters — and like everything else in the body, it folds to land on the lattice.

## 15 Penicillin — a Lattice Key

The first true antibiotic works by carrying a strained four-membered ring, the β-lactam, that springs open inside the machinery a bacterium uses to build its wall. The core scaffold, 6-APA, weighs **216** (= $2^3\times3^3$, the cube of six) — a clean lattice address — and the β-lactam ring sits near **100** (= $2^2\times5^2$). The drug is a key cut to a lattice node the bacterium cannot do without. That is why it works, and why a target on so firm an address was slow to breed resistance until we overused it.

## 16 Prodrugs — Keys Cut on Arrival

Some medicines are delivered locked. A prodrug is inert as swallowed and is switched on only when the body's own enzymes cut it to its active shape — enalapril, taken for blood pressure, is cleaved to enalaprilat once inside. In UFOT terms the body finishes shaping the T-key after delivery, which lets the molecule survive the journey of Section 8 and arrive where a finished key never could.

## 17 The Energy Books — Glucose and ATP

Burn one molecule of glucose to the ground and it releases close to **2880** (= $2^6\times3^2\times5$) — a clean lattice address for the full combustion energy. The body does not burn it in one flash; it banks the energy in ATP, harvesting about **36** units (= $(2\times3)^2$) per glucose when it breathes. The arithmetic of life's power supply is lattice arithmetic. And when a cell turns to fermentation instead — the Warburg shift that marks many tumours — it banks only **2** ATP per glucose, abandoning the clean node for a wasteful, off-lattice shortcut. The energy books, kept honestly, read in twos, threes, and fives.

## 18 Nitrogen — Living on the Gap

Nitrogen sits at Z = 7, on the one address the lattice does not hold. That is not a weakness life suffers; it is a job life assigns. Because nitrogen sits on the gap, it is the body's switch and bridge — the atom that makes and breaks the bonds others cannot. Nowhere is this clearer than in nitric oxide, NO, the tiny signalling molecule the blood vessels use to relax and open. Made from the amino acid L-arginine (mass **174**), NO is the body deliberately visiting the gap to throw a switch.

But living on the gap is dangerous. When NO meets the superoxide radical it forms **peroxynitrite** ($ONOO^-$), a corrosive that tears at proteins and membranes. A six-stage cascade — too much superoxide, NO consumed, peroxynitrite formed, vessel lining damaged, signalling lost, pressure rising — is one clean route into cardiovascular disease. The same gap that lets the body switch can, overrun, let it fail.

## 19 One Root, Many Diseases

Follow the superoxide radical and a surprising unity appears. When the body makes more superoxide than its defences can clear, the overflow drives, by the same chemistry, conditions medicine files under different names. In the heart, peroxynitrite and the iron-driven Fenton reaction injure the vessel and the muscle — a heart attack. In the motor nerves, the same overload kills the cells that carry movement — a face of ALS. In the joints, it sustains the inflammation of arthritis. Three diseases, one root: a T-pattern flooded with off-lattice radicals it can no longer pull back to true. UFOT does not see three unrelated illnesses. It sees one failure wearing three masks.

## 20 The Pace of Life — Activation Energy and the {2} Law

Every reaction in the body must climb a hill before it can run — the activation energy of the Arrhenius law. An enzyme is a catalyst that lowers the hill; carbonic anhydrase, one of the fastest, works against a barrier near **18** (= $2\times3^2$). Lower the hill and the reaction races; that is the whole trick of catalysis, and it is a lattice quantity.

Temperature sets the pace, and it does so by a clean rule. The **Q10** of the body is **2** — every ten degrees doubles the rate of reaction, or halves it on the way down. It is the {2} law made flesh: at the 37°C node the body runs at one; cool it toward −40°C and the rate falls

by successive halvings to a sixteenth. This is why fever speeds the body and cold slows it, and why both are, underneath, a single power of two.

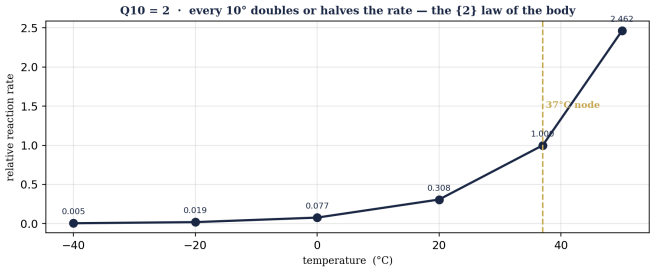


*Figure 7 — Q10 = 2: every ten degrees is one power of two.*

## 21 Cancer — a Slipped Address

A cancer cell wears the wrong coat. The sugar chains — glycans — that healthy cells display on their surface, capped with sialic acid (Neu5Ac, mass near **309**), are rewritten in malignancy, and the altered coat is part of how a tumour hides from the immune system and learns to wander. In UFOT terms the cell's surface address has slipped off the lattice. The deep significance is that the slip is, in principle, a **reversion** — an address that has drifted can be brought back. Where the framework points to a corrective, it has been calculated and held in confidence pending trial; the principle — that a slipped address can be returned to true — is the part stated here.

*Universal Force of Time = the creation of life = the healing of life = the destruction of life*

# Appendix — The Ledger

*Table A1 — Propositions P-MC-1 … P-MC-15*

| # | Proposition |
|---|---|
| P-MC-1 | The body is a standing pattern of T; elements are addresses, not ingredients. |
| P-MC-2 | Biogenic elements are chosen by clean {2,3,5} atomic-number addresses (Zn 30, Mg 12, Co 27). |
| P-MC-3 | Water's bend 105.0498032° = 1036.8/π² = 14400·α; 14400 ÷ angle = 137.0778389 = 1/α. |
| P-MC-4 | The pH band 7.35–7.45 is a two-address gate, not a tolerance. |
| P-MC-5 | Cytosine alone is π-free (111.10 = 1000/9); it is the Earth base. |
| P-MC-6 | C–G : A–T hydrogen bonds = 3:2; within-pair gaps π-free (40 = $2^3$×5, 9 = $3^2$). |
| P-MC-7 | C = Earth matter, G = Earth antimatter (paired); A–T = Venus/Mercury coupling. |
| P-MC-8 | Antimatter partners relate by inversion through a node, not mirroring (Mercury↔Venus, 2π×$10^{15}$). |
| P-MC-9 | Metalloenzyme geometry is {2,3,5}; seven-coordinate is the gap and stays empty. |
| P-MC-10 | A drug is a T-shape; binding is overlap at a node; ΔG = −RT ln K. |
| P-MC-11 | Blood holds 120/80 = 3/2; Na ≈ 137 mV ≈ 1/α; the Na/K pump runs 3:2. |
| P-MC-12 | 432 = $2^4$×$3^3$ unifies chlorophyll, solar, and haem lines; 648/432 = 3/2 closes the circuit. |
| P-MC-13 | Glucose burns to ≈2880 = $2^6$×$3^2$×5; aerobic yield 36 = $(2×3)^2$; Warburg drops to 2. |
| P-MC-14 | Superoxide overload is one root for heart attack, ALS, and arthritis; Q10 = 2 is the {2} law. |
| P-MC-15 | Guanine's mass read as a sphere returns Earth's radius (6379.892 km = 50π³/243) and year (365.5409 d = 1000π²/27) — the same year the antimatter planet Venus mints; pyrimidines read forward, purines through the crossing. |

## A Note on the Numbers

A note on the numbers. Throughout this paper a quantity is given first as the plain physical value a chemist would measure — a wavelength, an angle, an atomic number, a bond energy — and only then, in brackets, as its place on the {2,3,5,π} lattice. The lattice form is not a unit and carries no powers of ten of its own: a T-value is one number that wears different clothes in different registers, appearing as a wavelength here, an energy there, a mass somewhere else. We do not "solve to a power" in a single dimension. The bracket is simply the address; the physical number is the thing you can hold.

## References

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*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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