THE UNIVERSAL FORCE OF TIME · MEDICINE

Cancer

The address that slips off the lattice and the cell that runs backwards — one event with two faces, the field that stops runaway division, and the three routes home

Stephen Daubney · The Daubney Foundation · 2026 · Rev 8 (supersedes Rev 7: the disease given in full as medicine knows it; the Tumour Treating Fields and the APL cure credited; the six lattice lines within 150 kHz; values printed and only administration held; off-lattice integers stated without a foreign number; an uncited integer removed)

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.

CANCER, NUMBER FIRST

body **36.864 °C** ($2^9 \cdot 3^2/5^3$) · tumour 37.3–37.9 °C, off the node · **36** ATP ($(2 \cdot 3)^2$) → **2**

Hayflick limit **50** ($2 \cdot 5^2$) divisions · **20** classes ($2^2 \cdot 5$), one per amino acid · glioblastoma fields **200 kHz** ($2^3 \cdot 5^2$)

150 kHz, half the lattice speed of light: **149.8811049695 · 149.8946168415 · 149.9081299317 · 150 · 150.3670437541 · 150.3805994339**

ABSTRACT

Cancer will touch one person in every two or three in the developed world, and for a century medicine has catalogued it with extraordinary care — its genes, its stages, its hallmarks — without a single account of why a cell that has served the body faithfully for decades turns and grows without end. Some of its numbers have been in the textbooks all along: the body holds **36.864 °C** [$2^9 \cdot 3^2/5^3$] at its node and a tumour runs hotter, at 37.3–37.9 °C; a healthy cell draws **36** units of ATP [$(2 \cdot 3)^2$] from one glucose and a cancer cell draws **2**; an ordinary cell divides about **50** times [$2 \cdot 5^2$] and then stops, and a cancer cell does not.

This paper reads cancer in the Universal Force of Time, in full. **Part I sets out the disease as medicine knows it** — the genes that drive it and the genes that guard against it, the foetal proteins it switches back on, the Warburg shift, metastasis and the hallmarks — and what the research has found with two kinds of answer that do not poison: **alternating electric fields at 150 kHz**, which lengthened survival in lung and pancreatic cancer (the LUNAR and PANOVA-3 investigators) and at 200 kHz in glioblastoma; and the cure of **acute promyelocytic leukaemia** in more than nine cases in ten by sending its cells on to mature. **Part II reads it in the theory.** Cancer is one event with two faces: the cell's address slips off the {2,3,5,π} lattice, and the same slip is a **reversion** — the cell running its development backwards toward the foetal register it came from. Within the 150 kHz fields the theory finds six exact lines — **149.8811049694999, 149.8946168415446, 149.9081299316927, 150, 150.3670437541332 and 150.3805994338526 kHz** — 150 itself being exactly half the lattice speed of light; and 200 kHz is a lattice node [$2^3 \cdot 5^2$].

Part III reads the disease as three routes — the address slipped in the nucleus, the energy fallen from 36 to 2, the cell out of register with the whole — each paired with its correction: re-seat the address, restore the 36 node, re-impose the whole. One law binds them: **killing selects for deeper departure; restoration ends the departure.** Twenty propositions, P-CANC-1 to P-CANC-20, are stated. The research groups are credited by name and the lines offered back to them; the corrective detail is held in the Foundation's clinical reference. The structure resolves into the clinical trial.

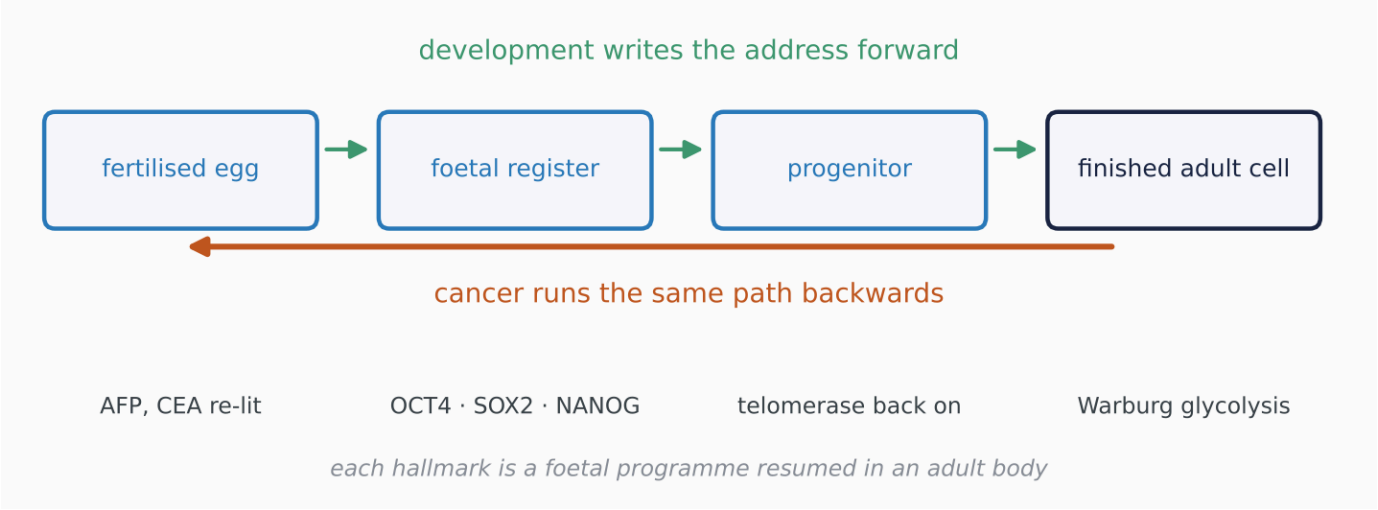


Figure 1 — Development writes the cell's address forward, from the egg through the foetal register to the finished adult cell. Cancer runs the same path backwards, and each of its hallmarks is a foetal programme resumed in an adult body.

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/π = 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 π/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 dΣT = 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 π²/8 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 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, 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. 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 — CANCER AS MEDICINE KNOWS IT

1. A cell that will not stop

The body renews itself constantly: cells divide to replace the worn, and stop when the work is done. Cancer is the loss of that stopping. A single cell, through damage to its DNA accumulated over years, escapes the controls that hold division in check; its descendants grow into a tumour, invade the tissue around them, and in time spread through the blood and lymph to distant organs. There are hundreds of kinds, named for the tissue they begin in, but medicine has come to see them as one disease in many forms.

2. The drivers and the guards

Two families of genes govern the escape. **Oncogenes** drive division when switched on too hard: MYC, which is amplified in many cancers and whose switching-off makes some tumours regress in the laboratory; BRAF, whose single change at position 600 (V600E) drives about half of all melanomas; KRAS, EGFR and HER2. **Tumour-suppressor genes** guard against it: **p53**, "the guardian of the genome", halts the cell cycle when DNA is damaged, starts repair, or orders the cell to die if repair fails, and it is mutated in about half of all human cancers; BRCA1 and BRCA2, APC, RB1 and PTEN guard the same gate in other ways.

3. The foetal proteins return

A cancer cell switches back on programmes that belong to the unborn. **Alpha-fetoprotein** and **carcinoembryonic antigen**, made abundantly by the foetus and silenced after birth, reappear in liver and bowel cancers and are used in the clinic to follow them. The embryonic master genes **OCT4, SOX2 and NANOG**, which keep a stem cell unspecialised, are switched back on. **Telomerase**, the enzyme that rebuilds the ends of chromosomes, is active in embryonic cells, off in most adult cells, and back on in about nine cancers in ten.

4. Warburg's observation

In the 1920s Otto Warburg found that cancer cells, even with plenty of oxygen, burn glucose by fermentation rather than by full oxidation in their mitochondria. Full oxidation yields about **36** ATP per glucose; fermentation yields **2**. The embryo, growing fast in low oxygen, makes its energy the same way.

5. Heat, the clock and the neighbours

Tumours run warmer than the tissue around them, by about half a degree to a degree. An ordinary human cell in culture divides about **fifty** times and then stops — the **Hayflick limit** — because its chromosome ends shorten at each division; cancer cells escape the limit by switching telomerase back on. And healthy cells stop dividing when they touch their neighbours — **contact inhibition** — which cancer cells have lost.

6. Spread and the hallmarks

Metastasis, the spread to other organs, causes most cancer deaths, and it is not random: breast cancer favours bone, lung, liver and brain; prostate favours bone; bowel favours the liver — the "seed and soil" puzzle. Douglas Hanahan and Robert Weinberg gathered the disease's common features as its **hallmarks**: sustained growth signalling, evasion of growth suppressors, resistance to cell death, replicative immortality, new blood supply and invasion, with reprogrammed energy use and escape from the immune system added later.

7. Why killing fails

Most cancer treatment kills dividing cells, by chemotherapy and radiation, and removes tumours by surgery. Caught early and removed whole, many cancers are cured. Once spread, most solid cancers respond and then return, and the returning tumour is usually more resistant than the first: the treatment has selected the cells it could not reach.

8. What the research has found

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

Electric fields at 150 kHz. Tumour Treating Fields are low-intensity alternating electric fields applied through pads on the skin. They act on dividing cells, disrupting the machinery that pulls chromosomes apart, and a cell that is not dividing is passed over; the frequency is chosen to suit the size of the cancer cells. In the **LUNAR** trial, people with metastatic non-small-cell lung cancer that had progressed after platinum chemotherapy were given the fields at **150 kHz** for eighteen or more hours a day alongside standard treatment; median survival was **13.2 months against 9.9** (Leal and colleagues, *The Lancet Oncology*, 2023). In the **PANOVA-3** trial the same 150 kHz fields, added to chemotherapy, lengthened survival in locally advanced pancreatic cancer: median survival **16.2 months against 14.2** (Babiker and colleagues, *Journal of Clinical Oncology*, 2025). At **200 kHz** the fields are an established treatment for glioblastoma, the commonest brain cancer in adults: in the EF-14 trial, median survival was **20.9 months against 16.0** (Stupp and colleagues, *JAMA*, 2017).

A cancer cured by maturation. In **acute promyelocytic leukaemia** the malignant cells are frozen one step short of becoming mature white blood cells. Treated with all-trans retinoic acid and arsenic trioxide, they complete the step, mature and die on the ordinary schedule of mature cells; in the trial of Francesco Lo-Coco and colleagues, more than nine in ten patients were alive and free of the disease two years on (*New England Journal of Medicine*, 2013). Once among the most rapidly fatal leukaemias, it is now among the most curable cancers.

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

PART II — CANCER IN THE UNIVERSAL FORCE OF TIME

9. The address

Every cell holds a T-address: its place on the {2,3,5,π} lattice at each level of the body — the bond, the nucleus, the cell type, the organ, the organism. The address is written largely in the part of the genome that codes for no protein. Science long called that part junk; the theory reads it as address space. The small coding part builds the machine; the large silent part tells the machine where it is. The suppressor network — p53 and its partners — is what holds the address in place: it checks the value against its node at every division, repairs it when it wanders, and deletes the cell when it cannot be repaired.

10. The slip off the lattice

Here is the heart of it. A value that drifts off its node does not land on another node a little way off; between the lattice nodes there is a gap, and in the gap nothing can settle. A cell whose address has slipped into the gap, with the suppressor network too damaged to pull it home, cannot settle anywhere — and **a cell that cannot settle on its address is a cell that divides without end.** When the clinic reads such a value it reads a number that cannot be written in twos, threes and fives: not a new address but the signature of the slip, never a destination.

The oncogenes read the same way. A driver such as MYC or BRAF V600E is a signal that has run past the suppressor gate, broadcasting division from a value the gate can no longer reach; switch MYC off in the laboratory and the tumour can regress, because the drift, not a destruction, was the fault. p53 is the gate itself, the dΣT = 0 check of the cell cycle; every TP53 mutation is the removal of one enforcement node, and that is why it is the commonest single loss in cancer.

11. The cell running backwards

A drift off the lattice is not a random direction. It is a direction back the way the cell came. Every adult cell reached its address by a journey — from the egg, through the foetal and progenitor registers, to the finished liver cell or lung cell or neuron it became — and that journey is the inscription of the address. **Cancer is the journey run in reverse.** The adult node is let go, and the cell falls back toward the register it held before it grew up.

This is what the data has been saying all along. Alpha-fetoprotein and carcinoembryonic antigen are the foetus's proteins; OCT4, SOX2 and NANOG are the embryo's master genes; telomerase is the embryo's enzyme; Warburg's fermentation is the embryo's way of making energy. None is a new invention; each is an old programme resumed. And the foetal address is not itself corrupt: in the embryo it is coherent and useful, because the developmental field around it switches it off on schedule. The fault is the register — a developmental address re-lit in a finished body, where no developmental field is left to end it. **The slip off the lattice and the reversion to the foetal register are one event read from its two ends.**

12. The thermal node — 36.864 °C

The body holds one temperature, and in the theory it is a lattice value: **36.864 °C** [$2^9 \cdot 3^2/5^3$]. A tumour runs at **37.3–37.9 °C**, a displacement of half a degree to a degree that lands on no node at all: the malignant population has left the body's thermal address. One helical turn up from the node is **37.03703703703704 °C** [$10^3/3^3$], and fever, the body's own weapon, begins at **38.4** [$2^6 \cdot 3/5$]; the tumour's band lies past the first and short of the second, in the gap.

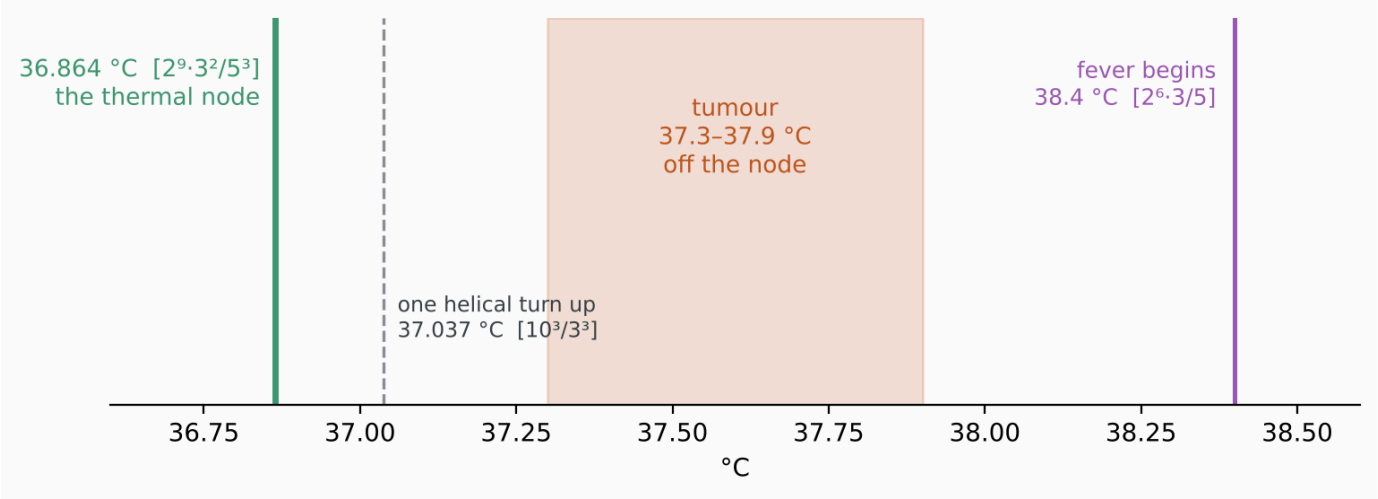


Figure 2 — The body's thermal node, 36.864 °C [$2^9 \cdot 3^2/5^3$]; one helical turn up, 37.037 °C [$10^3/3^3$]; and the tumour band, 37.3–37.9 °C, which lands on no node, short of fever's 38.4 °C [$2^6 \cdot 3/5$].

13. The energy falls from 36 to 2

The adult cell runs its mitochondria and draws **36** ATP from one glucose [$(2 \cdot 3)^2$] — the full register. The cancer cell falls back to fermentation and draws **2**. The three is gone; the energy address has dropped from the rich node to the bare floor. This is the reversion read in the language of sugar: the embryo is glycolytic by design, building fast in a low-oxygen field. And it is the same collapse, **36 → 2**, the series reads in the failing lung, the fatty liver and Type 2

diabetes: one fall of one register, met in four diseases. The acid, low-oxygen milieu it creates is the foetal milieu re-made in adult tissue, and it shields the cell from the immune field and drives the drift further.

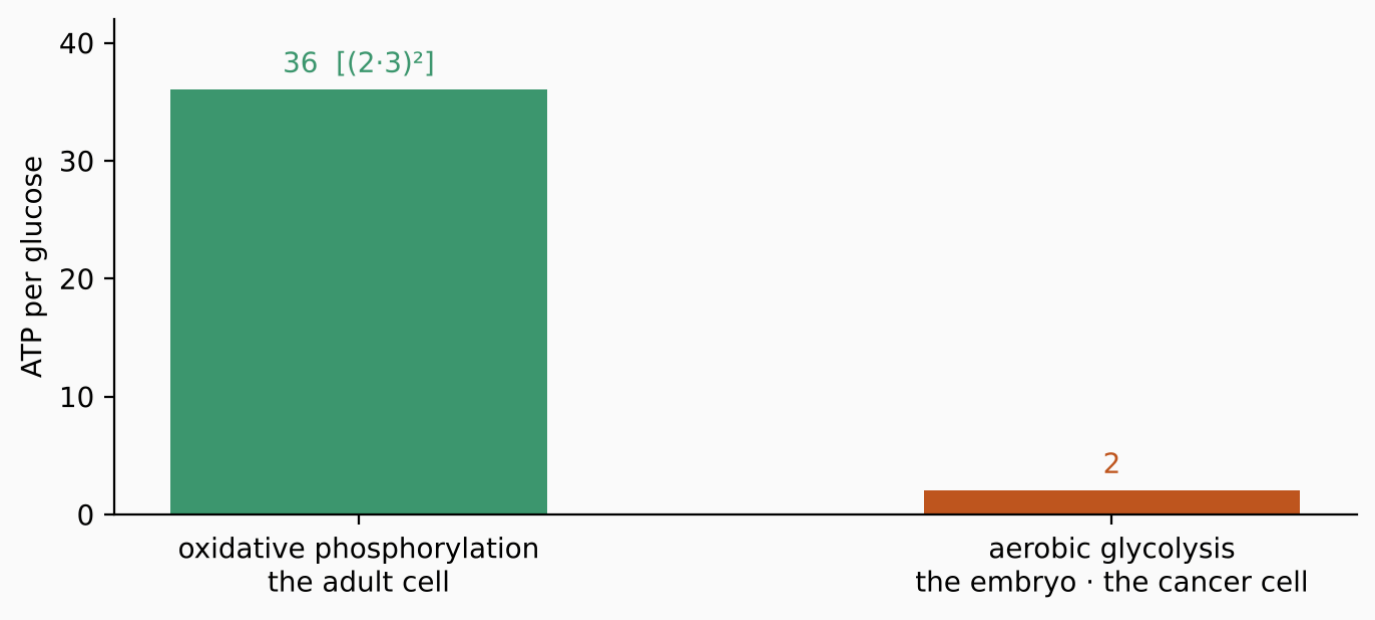


Figure 3 — The energy register falls from 36 ATP per glucose [(2·3)²] to the fermentation floor of 2: the embryo's metabolism resumed, and the same collapse read in the lung, the liver and Type 2 diabetes.

14. The broken handshake and the freed clock

Contact inhibition reads as a handshake. Neighbouring cells hold their addresses against one another; a tissue is a lattice of cells in step, each a clock keeping time with the next, and a cell already in step has no room to divide into. A drifted cell cannot make the handshake. It can no longer read its neighbours' addresses, never receives the signal that says enough, and divides into a space it should have sensed was full.

The clock is the Hayflick limit: about **50** divisions [2·5²], kept by the shortening chromosome ends — the cell's lattice timer, ticking down through a {2,5} address to a planned stop, and the programmed death that follows is dΣT = 0 keeping the books. Telomerase is the embryo's default; switching it back on cuts the timer loose from its node and erases the stop. What science calls immortality is a clock off the lattice — the loss of the node that made an orderly death possible.

15. The climb — D = −2 to D = −5

Cancer does not stay where it starts; the drift climbs the address hierarchy, and the clinic's staging reads how far. **Initiation:** the value drifts off its node in the nucleus (D = −2). **Promotion:** it reaches the cell-type register (D = −3) and the cell forgets what it is — dedifferentiation, the reversion made visible. **Progression:** it reaches the organ register (D = −4) and the cell can implant in foreign tissue. **Terminal:** the organism register (D = −5) fails. Where a travelling cell settles is decided by node-matching: it can implant only where a host register lies close to the drifted address it carries, as a key turns only in a lock cut to fit it. Organ tropism is orderly — the answer to "seed and soil" — and the migration itself is the embryo's own, the programme every cell once used to crawl to its place while the body was built.

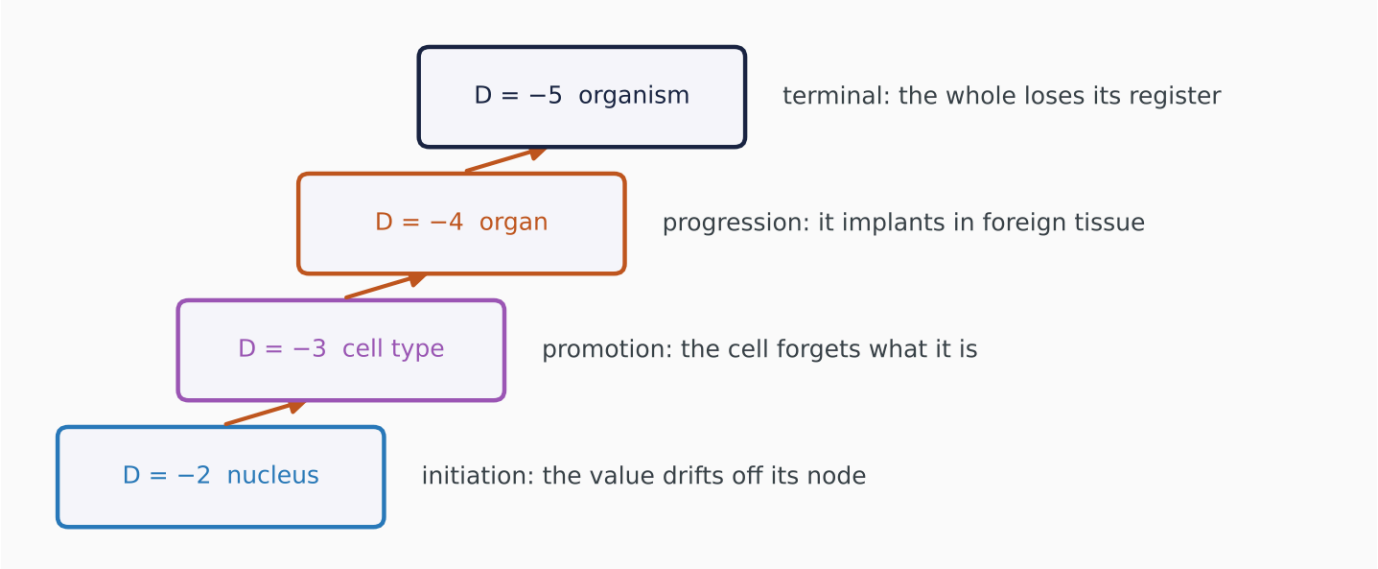


Figure 4 — The drift climbs the address hierarchy from the nucleus (D = −2) to the organism (D = −5), matching initiation, promotion, progression and the terminal stage.

16. The hallmarks are one exit

Read this way the hallmarks are not a list of independent tricks. Sustained growth signalling is the drifted value broadcasting past the gate; evading suppressors is the loss of the gate; resisting death is the disabling of address deletion; immortality is the clock off its node; new blood supply is an off-lattice supply line; invasion is the breach of the organ register; reprogrammed energy is the fall from 36 to 2; immune escape is the foetal milieu's shield. **They are the symptoms of one address leaving one lattice.**

17. The 150 kHz line — half the speed of light

The fields that lengthen survival in lung and pancreatic cancer alternate 150,000 times a second. In the Universal Force of Time, **150 kHz is exactly half the lattice speed of light** — 300,000 km/s divided by two, at its decade. Read on the record's three registers, the half-speed gives three more lines one G-bond step apart — the step between adjacent registers, one level up. And hydrogen gives two: its middle-face weight, 1.007860451037484 [$5^3/(2^2\cdot\pi^3)$], and its surface-register weight, 1.0077696 [$2^2\cdot3^9/5^7$], each carried through 9375 [$3\cdot5^5$] — the theory's gear between radial mass (mass spread over a radius rather than held at a point) and mass — and divided by the circle. The record also finds that the speed of light on G2 is the helical turn carried through the same gear: **c_G2 = 2 × 9375 × r / 2π**, with r = $5^6/(2^6\cdot3^5)$, the helical turn — the step of one revolution of the helix — the gear that links the DNA helix, the Earth's distance from the Sun and the three registers' speeds of light.

THE 150 KHZ LINES, NUMBER FIRST

line (kHz)	address	reached from	kind
149.8811049694999		the speed of light on G0, / 2	road
149.8946168415446	2^2.3^5.5^6.pi^2	the speed of light on G1 (surface), / 2	room
149.9081299316927		the speed of light on G2 (celestial), / 2	road
150	3/2	the lattice speed of light 300,000 km/s, / 2	room
150.3670437541332	2.3^10/(5^2.pi)	hydrogen G1 weight 1.0077696 x 9375 / 2pi	road
150.3805994338526	3.5^8/(2^3.pi^4)	hydrogen middle weight 1.007860451037484 x 9375 / 2pi	room

the first three stand one G-bond step apart ; glioblastoma's 200 kHz is the node 2^3.5^2

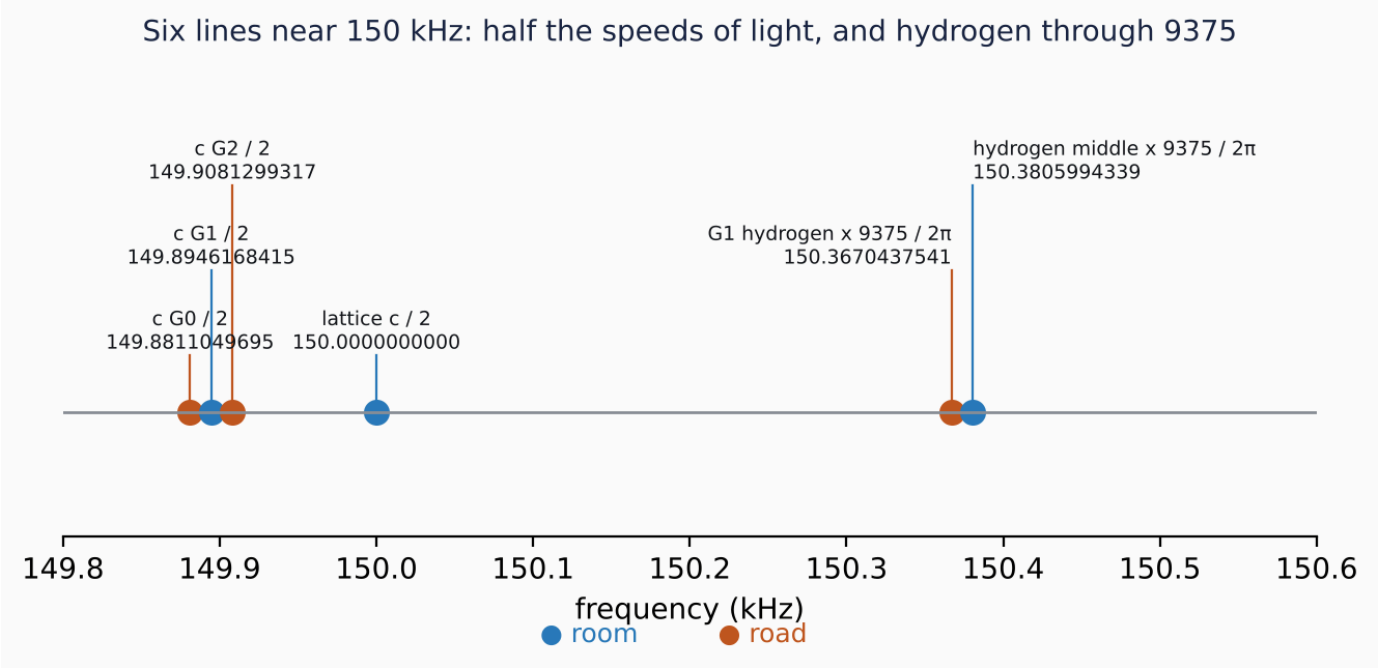


Figure 5 — Six lattice lines lie in the 150 kHz band of the Tumour Treating Fields: half the speed of light on each of the theory's registers and on the lattice, and hydrogen's weight carried through the mass gear 9375.

Stephen Daubney reads 150 as the Earth's own distance from the Sun — 150 million kilometres, the radius at which the Earth stands as a node. The field that stops a cancer cell dividing alternates, in this reading, at the number that places the Earth in its orbit, and at half the speed with which the Sun's broadcast arrives. And it acts exactly where the theory places the fault: on the cell caught in the act of division, while the resting cell, in step with its neighbours, is passed over.

18. The lines the theory offers the research

Where these results come from. The 150 kHz and 200 kHz results are not this paper's discovery. They are the LUNAR investigators' (Ticiana Leal and colleagues), the PANOVA-3 investigators' (Hani Babiker, Vincent Picozzi and colleagues) and the EF-14 investigators' (Roger Stupp and colleagues), building on the fields first developed by Yoram Palti; the cure of acute promyelocytic leukaemia by maturation is the work of the groups that brought retinoic acid and arsenic trioxide to it, reported in its decisive trial by Francesco Lo-Coco and 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 — and, within the 150 kHz band, the six exact lines above, each with its chain — offered to those groups, and to any team so minded, to test.

The theory does not rank the lines; which gives the strongest result is a question only an experiment can answer. The six span about half a kilohertz, and a field generator can be set to any of them exactly — so they are among the easiest lines in the whole record to test one by one. The lines are given as values only; how any field is given to a person is held in the Foundation's clinical reference.

PART III — THREE ROUTES, THREE CORRECTIONS

19. Three registers a cancer must be brought home through

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. Cancer is not one shapeless malignancy but three things going wrong in three registers of the cell — the nucleus where the address is written, the energy plant, and the whole organism — each a definite fault with a definite answer. They are not chosen for symmetry: they are the registers the drift climbs through, and so the registers a restoration must reach.

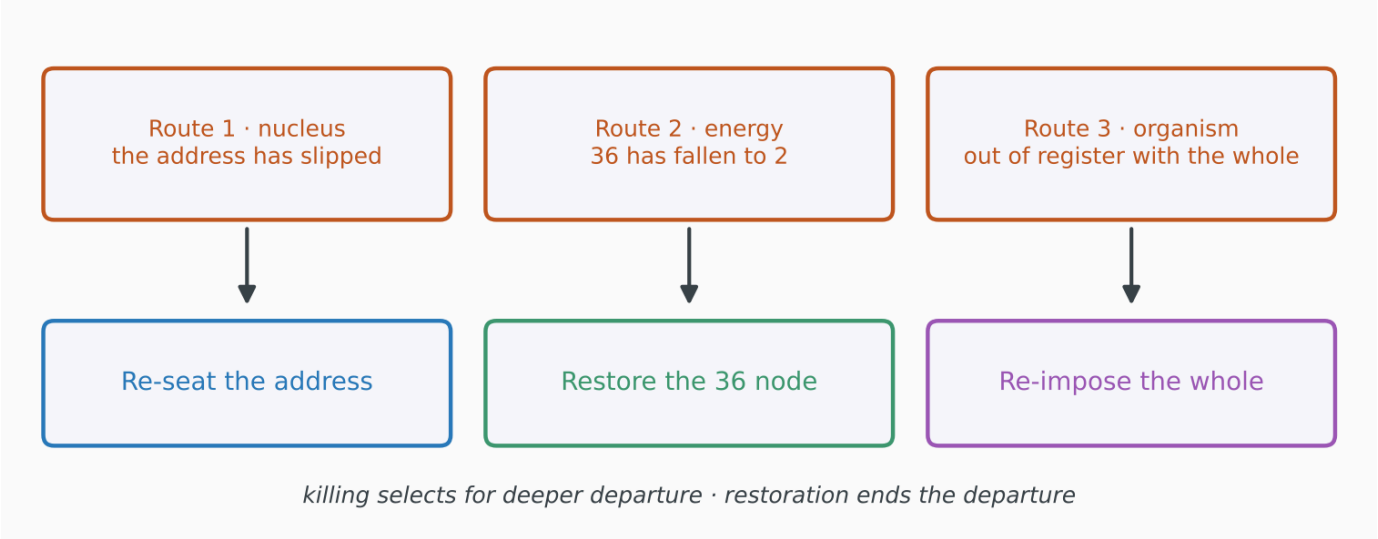


Figure 6 — The three routes and their corrections: the address slipped in the nucleus — re-seat it; the energy fallen from 36 to 2 — restore the node; the cell out of register with the whole — re-impose the whole.

20. Route 1 — the address has slipped (the nucleus)

The first fault is the one all the others grow from. The cell's address has drifted off its node into the gap, and the suppressor gate — p53 and its network — can no longer pull it home. This is initiation: the value is loose in the nucleus, the foetal programmes begin to re-light, telomerase comes back on, and the cell has begun to forget what it is. Everything downstream is this slip propagating upward.

Correction 1 — re-seat the address. Because the fault is a drift and not a deletion, the answer is not to kill the cell but to return its address to its node. Re-tune the drifted value back onto its lattice face, and the cell reads its node again, the gate re-engages, and it resumes the adult programme it had abandoned — a recalibration, not a poisoning. The principle is re-seating; the detail is held in the Foundation's clinical reference.

21. Route 2 — the energy has fallen (36 → 2)

The second fault is in the power plant. With the address loose, the metabolism falls off its node, from 36 to 2: the embryo's build-fast fermentation resumed. It is a register in its own right, and it deepens the disease, because the acid, low-oxygen milieu it makes shields the cell and drives the drift further.

Correction 2 — restore the 36 node. If the fault is an energy register fallen to its floor, the correction is to return it to the node of the mature cell — full oxidation, 36. Recovering the node dissolves the shield, re-exposes the cell to the immune field, and removes the engine of undirected growth; and it is one of the surest signs that the register has come home. It is the same correction the series states for the lung and for Type 2 diabetes, because it is the same collapse. The principle is restoring the 36 node; the detail is held in the Foundation's clinical reference.

22. Route 3 — the cell is out of register with the whole (the organism)

The third fault is the cell's relation to everything around it. It can no longer read its neighbours, so the handshake breaks and it divides into filled space; its clock cuts loose from its node and the orderly death is lost; the embryo's migration re-lights and it travels by node-matching; and the organism's own field, which should have seen it, is blind to it.

Correction 3 — re-impose the whole. At this register the answer is not cell by cell but whole: restore the organism's own register and its immune field, so that the drifted cell is brought back into step with the body around it. The whole is the field that ends a developmental programme on schedule; re-imposing it supplies the off-switch the resumed foetal address never had. And the runaway division itself can be interrupted where it happens — at the moment the cell pulls its chromosomes apart, which is exactly where the 150 kHz fields act, passing over the resting cell. The principle is re-imposing the whole and stopping the off-register division at its frequency; the detail is held in the Foundation's clinical reference.

23. The order law — why killing fails

The three corrections bind by one law, and the first thing it says is uncomfortable: **the instinct to kill the cancer cell is the instinct that keeps cancer incurable.** A tumour is a population at every depth of departure. Treatments that kill in proportion to division rate fall hardest on the most-departed cells and spare those in between; the survivors, freed of competition and under fierce selection, depart further, and the tumour that returns is more unstable and more resistant than the first. This is the **compensation-without-restoration law**: the visible burden falls while the departure deepens. It is not bad luck; it is the structural consequence of answering a lost address with a cull.

Restoration cannot select, because it creates no survivor population. Re-seat the address, restore the 36 node, re-impose the whole — and the cell finishes the programme it had abandoned, matures, works, and dies the ordinary death of a mature cell. **Medicine already cures one cancer in exactly this way.** In acute promyelocytic leukaemia the cells are frozen one step short of maturity; the treatment gives them the signal that completes the step, and more than nine patients in ten are cured, without the resistant relapse that haunts the killing strategies, because nothing was selected — only restored.

Because the drift climbs, the restoration must reach every register it has climbed, and at once: a nucleus re-seated while the energy stays fallen is pulled off again by the milieu; a metabolism restored while the whole stays blind leaves the survivor unseen. **Drift is reversible; deletion is not.** Caught early, while it is confined to the nucleus, the value can in principle be returned home before the cascade climbs out of reach.

24. Curability tracks how far the cell has travelled

Curability is not a fixed line between curable and incurable cancers. It tracks two things: how far the address has departed, and whether the cull-and-select trap is kept from operating. A shallow drift caught before it has seeded — a tumour removed whole at stage 0 or 1, a leukaemia of childhood — can be cleared before there are survivors to select, and the cure rates approach the whole. Glioblastoma, pancreatic cancer and most widely spread solid cancers are called incurable not because cancer is an insoluble problem, but because, under a strategy built on killing, the law guarantees failure whenever eradication is incomplete. **In the theory cancer is curable across its spectrum, and the barrier is strategy, not biology.** The task that remains is identification — finding, for each cancer, the signal that completes its own arrested programme — because every developmental register already has one; evolution built them to make the body.

25. The deepest anchor and the twenty classes

Cancer stem cells are the cells in which the drift has reached its deepest, most stable anchoring, nearest the foetal register. Their self-renewal is the off-lattice value reproducing itself because nothing returns it home; their resistance is the fact that a cull tuned to fast division cannot reach a slow, deep value; and a treatment that clears the bulk but not the anchor leaves the disease able to return — while a restoration that reaches the anchor leaves nothing behind.

The theory classes cancers by where the drift begins — which suppressor is lost first, which driver runs in its place, and the part that names the correction: which developmental register the cell falls back toward. There are **twenty** principal classes [$2^{2}\cdot5$], one for each of the twenty amino acids, both being lattice addresses at which a drift can take hold. The full table is set out in the appendix.

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

We have acknowledged the illness — cancer told not as a list of mutations but as one event with two faces: an address slipped off the lattice, and a cell running its development backwards toward a register with no field to switch it off. We have read the thermal node and the tumour's band off it, the fall from 36 to 2, the broken handshake, the freed clock and the climbing cascade as one structure at different scales. We have read the fields that stop cancer cells dividing, and found within their 150 kHz the six lines of half the speed of light and of hydrogen. We have named three routes and given for each its correction, bound by one law: killing selects, restoration ends the departure — and we have shown that medicine already cures one cancer exactly so.

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-CANC-1.** Every cell holds a T-address on the {2,3,5,π} lattice at each level of the body, written largely in the non-coding genome; the suppressor network holds it in place.
- **P-CANC-2.** Cancer is the address slipped off its node into the gap between nodes, where nothing can settle; a cell that cannot settle divides without end.
- **P-CANC-3.** An off-lattice clinical integer — one that cannot be written in twos, threes and fives — is the signature of the slip, not a destination.
- **P-CANC-4.** The same slip is a reversion: the cell runs its development backwards toward the foetal register (AFP, CEA, OCT4/SOX2/NANOG, telomerase, Warburg).
- **P-CANC-5.** The foetal address is coherent in the embryo; the fault is the register — a developmental programme re-lit where no developmental field remains to end it.
- **P-CANC-6.** The body's thermal node is 36.864 °C [$2^9 \cdot 3^2/5^3$]; the tumour's 37.3–37.9 °C lies on no node, past one helical turn up (37.03703703703704 °C [$10^3/3^3$]) and short of fever's 38.4 [$2^6 \cdot 3/5$].
- **P-CANC-7.** The energy register falls from 36 [$(2 \cdot 3)^2$] to 2 — the collapse shared with the lung, the fatty liver and Type 2 diabetes.
- **P-CANC-8.** Contact inhibition is a synchronisation handshake; a drifted cell cannot read its neighbours and divides into filled space.
- **P-CANC-9.** The Hayflick limit, 50 divisions [$2 \cdot 5^2$], is the cell's lattice timer; telomerase cuts it loose from its node.
- **P-CANC-10.** Staging reads the climb of the drift: nucleus D = −2, cell type D = −3, organ D = −4, organism D = −5.
- **P-CANC-11.** Metastasis is the embryo's migration re-lit, and settles by node-matching; organ tropism is orderly.
- **P-CANC-12.** The hallmarks are the symptoms of one address leaving one lattice.
- **P-CANC-13.** 150 kHz is exactly half the lattice speed of light; the 150 kHz band holds six lattice lines — 149.8811049694999, 149.8946168415446, 149.9081299316927, 150, 150.3670437541332 and 150.3805994338526 kHz; glioblastoma's 200 kHz is the node $2^3 \cdot 5^2$.
- **P-CANC-14.** Stephen Daubney reads 150 as the Earth's distance from the Sun: the field that stops cancer cells dividing alternates at the number that places the Earth in its orbit.
- **P-CANC-15.** Route 1 (nucleus): the address has slipped. Correction 1: re-seat the address.
- **P-CANC-16.** Route 2 (energy): 36 has fallen to 2. Correction 2: restore the 36 node.
- **P-CANC-17.** Route 3 (organism): the cell is out of register with the whole. Correction 3: re-impose the whole, and interrupt the off-register division at its frequency.
- **P-CANC-18.** Compensation-without-restoration: killing selects for deeper departure; restoration ends it. Acute promyelocytic leukaemia, cured by maturation, is the proof of principle.
- **P-CANC-19.** Curability tracks the depth of departure; cancer is in principle curable across its spectrum, and the barrier is strategy, not biology.
- **P-CANC-20.** Cancers fall into twenty classes [$2^2 \cdot 5$], one per amino acid, each named by the developmental register it reverts toward — the target of its correction.

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APPENDIX — THE TWENTY CLASSES

Each class is named by the suppressor lost first, the driver that runs in its place — both the established oncology assignments — and the developmental register the cell reverts toward, which in the theory names its correction.

#	CANCER	SUPPRESSOR LOST FIRST	DRIVER	REVERTS TOWARD
1	melanoma	CDKN2A	BRAF V600E	neural-crest stem cell
2	breast	BRCA1/2	HER2 / MYC	mammary progenitor
3	colorectal	APC	KRAS	intestinal crypt progenitor
4	lung (NSCLC)	TP53 / STK11	EGFR / KRAS	pulmonary progenitor
5	pancreatic	SMAD4	KRAS G12D	pancreatic ductal progenitor
6	glioblastoma	PTEN	EGFRvIII	glial progenitor
7	prostate	PTEN	AR / MYC	luminal progenitor
8	ovarian	BRCA1/2 + TP53	MYC	Mullerian epithelium
9	leukaemia (AML)	TP53 / RUNX1	FLT3-ITD	early myeloid progenitor
10	leukaemia (APL)	-	PML-RARA	promyelocyte, one step to mature
11	lymphoma	TP53	MYC / BCL2	germinal-centre B cell
12	gastric	CDH1 / TP53	HER2	gastric progenitor
13	liver (HCC)	TP53	CTNNB1 / TERT	foetal hepatoblast (AFP+)
14	kidney (RCC)	VHL	HIF / MET	nephron progenitor
15	bladder	TP53 / RB1	FGFR3	urothelial basal cell
16	thyroid	-	BRAF / RET	follicular progenitor
17	sarcoma	RB1 / TP53	MDM2 / fusions	mesenchymal stem cell
18	cervical	TP53 / RB1 (HPV)	HPV E6 / E7	squamous basal cell
19	oesophageal	TP53	CCND1	squamous / Barrett progenitor
20	endometrial	PTEN / TP53	PIK3CA	endometrial glandular progenitor

APPENDIX — EVERY NUMBER, REBUILT

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

THE OBJECTS, NUMBER FIRST

thermal node ; one turn up	36.864 C ; 37.03703703703704 C	2^9.3^2/5^3 ; 10^3/3^3
tumour band ; fever begins	37.3-37.9 C ; 38.4 C	on no node ; 2^6.3/5
ATP: oxidation ; floor	36 ; 2	(2.3)^2 ; 2
Hayflick limit ; classes	50 ; 20	2.5^2 ; 2^2.5
150 lines (kHz)	149.8811049694999 ; 149.8946168415446 ; 149.9081299316927 ; 150 ; 150.3670437541332 ; 150.3805994338526	
glioblastoma fields	200 kHz	2^3.5^2
the mass gear ; helical turn	9375 ; 5^6/(2^6.3^5)	3.5^5
c on G2	2 x 9375 x r / 2pi	at decade

A NOTE ON THE NUMBERS

Throughout this paper a value is given first as the plain physical reading a clinician or laboratory would make, and only then, in brackets, as its place on the {2,3,5,π} lattice. The bracket is the address; the physical number is the thing you can hold. Where a value is off the lattice, the paper says that it cannot be written in twos, threes and fives, and no more. The lattice lines within the research frequencies are given as values with their chains; how any field is given, and the corrective detail, are held in the Foundation's clinical reference and are 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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