

Origin of Life's Chirality

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Abstract

The stage move at 72K in ice XIc obliging water molecules' unpredictable tetrahedral shape I found in 1967 reestablishes the certainty in science measuring c challenged. Shaping in polar pools of N2 amid a primordial ice-age, fluctuating temperatures discharged inactive vitality as $\lambda \sim 4\mu$ laser light. Different reflections polarized it and deoxynucleotides on tropical water surfaces were polymerized, making chiral DNA extraordinarily clarifying life's beginning. 'Transport DNAs' sharing tRNAs' H-bond-lined pores concentrate life's fixings in coacervates. Imitate tDNAs started life. DNA's soundness makes it life's likely antecedent. 'Differentiation DNAs' selecting tDNAs control cells slim down and tissue specialization. Nine pathways conveying follow components as carriers control the digestive system. Mutant tDNAs and dietary shortages account for horribleness. 'Minion' DNA/oligopeptide complexes optimize chromosome replication. They work as organic clocks, chips-in-the-brain and atomic combination reactors. Flunky rationale reinterprets 20th century logical adages. Thunderous cavities couple chemical to mechanical vitality efficiently.

Ice, Ordering Force, Originated Dna

Later reports of ice XIc1 confirmed my disclosure of its stage alter at 72K as a Cambridge undergrad affirming Clausius-Clapeyron's condition for N2. I incidentally submerged the silica He thermometer bulb, crediting the hysteresis appeared when plotting temperature versus weight to a stage alter pleasing water molecules' sporadic tetrahedral shape, B, in a variation of cubic ice, C, crystallizing on its surface. Earth's primordial O2-free environment empowered the coexistence of ice XIc crystallizing in polar pools of fluid N2 with the 'warm tropical waters' Darwin anticipated. Temperature changes caused it to break down D- E, transmitting idle vitality crystallizing in polar pools of fluid N2 with the 'warm tropical waters' Darwin3 foresaw. Temperature changes caused it to break down, D- E, emanating inactive vitality as wavelength $\lambda \sim 4\mu$, laser light, 'ice-light'. Multiple reflection by cloud and surface ice photo-phosphorylated deoxynucleotides, making a chiral DNA 'noodle soup', FD 90° points unaltered, genuine points empower, E stage move, F root of DNA.

Transport Dnas

DNA's more noteworthy soundness than RNA makes it life's likely antecedent. The primary bio-active atoms were 'transport DNAs', tDNAs, tRNA analogs. They share the H-bond-lined 'hole' uncovered in an X-ray-diffraction picture of tRNAPhe Science distributed. Sending an ice-light fueled ratchet instrument, B-D, substrates were imported to coacervates6, imitating tDNAs started life, extraordinarily bookkeeping for its chirality. Haldane's distribution of The Beginning of Life challenged creationism. Competing recommendations: carbon chemistry, coacervates, RNA world, aqueous vents and entry from external space come up short to clarify chirality.

Sensitivity

The expansive hydrates Na+ particles frame, Na+(H₂O)₂₈, render cell sap gooey, abating digestion system. Substituting K+ ties less water, speeding it. Catecholamines adrenaline, noradrenaline and dopamine frame 4-/6-member rings around Na+/K+, B-E, trading 3Na+ for 2K+ at synapses. Morphine, F, or codeine inclusion makes bigger complexes, blocking tDNAs and anticipating torment transmission. Torment affectability increments when more are enlisted to compensate, clarifying sedate enslavement. In spite of the fact that the neural organization hypothesis clarifies LDopa anticipating Parkinson's Malady enough, its suspicion that torment transmission depends on moderate synaptic closure is imperfect. Nerve filaments serve as waveguides, closely resembling optic cables, empowering quick flunkey inter-communication all through the brain.

Respiration

The lungs trade oxygen, O₂, for carbon dioxide, CO₂ and erythrocyte Fe++ hemoglobin ties it for conveyance (V++ replaces Fe++ in a few species). Films are impermeable to oxygen hydrate, O₂.H₂O, requiring its dynamic transport. The thyroid organ conveys thyroxine and a proton discharges metallic iodine, iodonium, I+, at target tissues. It complexes with O₂.H₂O, shaping I+(O₂[H₂O])₂, H, for transport. Iodine is reused as I-. The colours of littoral ocean growth overseeing tidal O₂ concentration changes by means of a parallel pathway coordinate those of purple I+ and yellow I-. Iodine insufficiency causes goiter, I+(O₂[H₂O])₂ entering the watery humor exophthalmos. The lethality of tobacco smoking Doll detailed is likely not inferable to nicotine. Mutant tDNAs disturbing brain O₂ supply cause bipolar clutter, overabundance and insufficient O₂ compare to lunacy and sadness. Li+ substitution for I+ controls temperament but abundance leads to kidney disappointment. tDNA-related condition legacy is non-Mendelian. 1 in 7 sibs acquires bipolar clutter, affirming the 'seventh child of a seventh son' convention. Breath includes seven tDNAs.

Growth

The Biuret test confirms copper's tall liking for peptide bonds. The hepatic entry vein exchanges amino acids from processed protein. Their associate- change within the liver, Fig 6 M, guarantees the brain gets an adjusted blend, keeping up rational soundness. Development clutters: acromegaly, dwarfism and gigantism are controlled by dietary Cu. Copper bracelets supposedly ameliorate arthritis, its amassing within the eyes clarifies Wilson's infection. Cu in coil contraceptives competes with Zn, starving sperm of glucose anticipates their coming to ova. tDNAs nourishing from gastrula and blastula at cell division, are supplement- starved and 'over-heat'. Guanyl cyclase driving 'hook-protein' union replaces adenylyl cyclase driven substrate transport. Snare proteins match, interconnecting girl cells, deciding tissue morphology. Stem cells need snares, leukocytes and gametes, spirogyra fibers, wipes and bi-layered worms have one, two, three and four. Five

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suffice to make all tissues, restricting their development. One-hook leukocytes official to any 6th snares emerging avoid tumor and cancer growth. A distributed confirmation of my Five snare hypothesis: 'Five snares make all normal beauty', 3D proportionate of the 2D Four color mapping hypothesis, would center consideration on cancer anticipation. The tall charge of phosphate particles avoids their entry through tDNA pores. Vitamin D3 stores ~265 nm UV daylight vitality esterifying phosphate, Pi to pyrophosphate, PPi which complexes with arginine, PPi.Arg2, for transport. The conjugated $-/\equiv$ bonds, D, of vitamin A, retinal, exchange it as solitons and parathyroid hormone, PTH, conveys F-, synthesizing the Si ~ F bonds of SiF₆⁼, carrier for apatite. The persistent discharge of PTH anticipates F- harming the organ. Mood at menopause or in renal disappointment can cause osteoporosis.

Vitamin D3 insufficiency causes rickets, childhood F- lack dental caries, overabundance clarifies blotched teeth. Silver, Ag⁺ is conveyed from the pineal in 6-member melatonin and serotonin rings, A, taking after those catecholamines shape around K⁺, Fig 6 C. Osteo-blast/-clast film tDNAs transport apatite and fluorapatite, Ca₁₀(PO₄)₆OH₂ and Ca₁₀(PO₄)₆F₂ for skeletal maintenance. SO₂/NO_x discussion contamination can empower unseemly SiF = amalgamation within the nasal fossa. Olfactory nerves exchange it to the brain where its breakdown stores alumino-silicate plaques, discharging fluoride. F- causes all Alzheimer Illness side effects: harming Krebs cycle slaughters cells and disturbing protein collapsing, making β -amyloid₃₄ and τ -protein tangles.