

Biology of Time

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Abstract The Earth-Moon time structure and mechanism are incorporated into DNA or RNA liable to synthesis of amino acids in a time-mass transition process under codon-anticodon assignment where lunar gravity or anti-gravity are significantly concerned. Analysing molecular weight of amino acids two anti-gravitational impulses have been found activated by dual codon-anticodon assignment directed to amino acid synthesis and some interesting matter have been found.

Keywords Codon, Anti-gravity, Amino acids

1. Introduction

It has been found earth-moon time structure and mechanism are incorporated into DNA or RNA derived from synthesis of building block of protein i.e. amino acids. AAA assigns to lysine(146.1882) or AUG assigns to methionine (149.2124) are concerned to anti-gravitational time motivation transit to amino acid masses concerned to earth-moon time structure where structural and molecular biology are integrated. The paper involves biophysics where clarification of 'anti-gravity' (Stephen W. Hawking 1989) would lies to theoretical physics drawn from biological phenomena liable to origin of masses. It is important that the diameter of earth or moon is a measurement of time values.

2. Discussions

About 14.0267:

Here is an introspection of earth-moon time structure.

Time is of anti-gravitational nature and synonymous to mass or distance or expanse in kilometer. The diameter of earth (12756 km) and moon (3476 km) are measurement of time and generally characterized by decimal before four digit.

In molecular weight basis we frequently found $75.0669(\text{gly}) + 14.0266 = 89.0935(\text{ala})$, $89.0935(\text{ala}) + 2 \times 14.0267 = 117.1469(\text{val})$, $117.1469 + 14.0267 = 131.1736(\text{leu})$, $121.159(\text{cys}) + 2 \times 14.0267 = 149.2124(\text{met})$.

14.0267 can be derived from earth-moon time structure and does not comply to one carbon and two hydrogen molecular weight.

$12756 \text{ km} / 3476 \text{ km} = 3.67 = 0.0367$ in time form.

Or, $0.0267 = 12756 \text{ km} - 3476 \text{ km} = 9280 \text{ km} = 0.0928$ in

time form = 14×0.00661 .

An adjustable time difference of 0.0001-0.0002 have been found in many places.

$0.0928 - 0.0267 = 0.0661 = 3476 \times 0.0019$.

14.0267 gives a formulation $T = M \times 0.0019$ where T = horizontal time(ht) and M = vertical time(vt) or integar mass. $0.0267 / 14 = 0.0019$ where 14 (can be written as 0.0014 in time form) is assumed to be vertical time(vt) and 0.0267 is assumed to be horizontal time(ht) and are transitionable. Transition can be directly or curvatural e.g. 0.0014 ht can directly transit to 14 or $0.0267 / 0.0019 = 14$ in curvatural mode. On separation of amino acids from protein produces both vertical and horizontal phenomena(Monroe W. 2010).

Transition occurs from ht time values and expands by same values e.g. 149.2124^{met} where exact ht = $0.2124 - 0.0149 = 0.1975$ and $149 \times 0.0019 - 0.2124 = 0.0707$ (coined as differential values or core values) and $0.0707 + 0.0149 = 0.0856 = 8 \times 0.0107$ where 0.0107 is a unit of antigravitational nature of time (clarified later on) that can rotates and cumulatively appears to lunar anti-gravitational values by $15 \times 0.0107 = 0.1605$ that equipoises to lunar gravity(0.1605) considering earth's gravity = 1.

In 14.0267 where 0.0267 represents for two amino acids clarified below.

$149.2124(\text{met}) + 117.1469(\text{val}) = 266.3593$ gives $0.3593 - 0.0266 = 0.3327 = 0.321 + 0.0117$ and $0.3593 - 0.3476 = 0.0117$ (val ht) and codon disposition of the amino acids are in opposite direction i.e. AUG-GUA.

And for UUA-Leu-AUU-Ile, $131.1736 + 131.1736 = 262.3472$ gives $0.3472 - 0.0262 = 0.321 = 30 \times 0.0107$.

The above is depicted as an example and as the codon difference is zero the anti-gravity would not be affected. In codon-anticodon perspectives the 'value of difference' is important and can be said as codon-anticodon core values. The number of anti-gravitational rotation or revolution depends on this 'value of difference'.

According to 14.0267 where $0.0267 = 0.0107 \times 2 + 0.0053$ that missing $0.0039 = 39 \text{ g/mol}$ to complete $3 \times 0.0107 =$

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$0.0321 = 0.0014 + 0.0040 + 2*0.0107$. This missing of 39 or 40 is significant in biophysics and structural biology since $39 / 3476 = 0.0112(\text{U})$ as a part of A-T and A-U symmetry.

Under codon-anticodon perspectives, 39 is a codon package e.g. $39*0.0019 = 0.0741 = 0.0359(\text{UUA}) + 0.0382(\text{AAU}) = 0.0336(\text{UUU}) + 0.0405(\text{AAA}) = 0.0398(\text{AUG}) + 0.0358(\text{UAC}) - 0.0016$.

Again, 14.0267 can be written as $0.0014 + 0.0267 = 0.0281 = 0.0367(\text{earth-moon curvature}) - 0.0086$ where $126(\text{Thymine}) - 40 = 86$ and also $0.0453(\text{GGG}) - 0.0367 = 0.0086 = 86$ shows structural equilibrium.

267.3476 is a fundamental values in the system where $0.3476 - 0.0267 = 0.321 = 30*0.0107$. So $267 = 183 + 84$ where $183*0.0019 = 0.3477$ and $84*0.0019 = 0.16$ while $367(\text{earth-moon curvature}) = 183 + 184 = 0.0183 + 0.0184$ in time form thus creating a bisected ground.

Moon's time or diameter is 3476 km and orbital velocity is 1 km / s (unit) and earth's unitary value is $12756 \text{ km / 29.8}(\text{earth's orbital velocity}) = 428.0537$ where $40*0.0107 = 0.428$ and $0.0537 = 5*0.0107 + 0.0002$ time difference where 0.0107 is an unit of anti-gravitational rotating mechanism.

$428.0535 = 400 + 28.0535$ is an amazing impalpable values in biophysics and in this context fundamental mechanism of synthesis of amino acids i.e. building-block of proteins under codon assignment with structural concern to 0.3477 lunar time.

According to formula $S(\text{displacement}) = v(\text{velocity}) * t(\text{time})$, $3476 \text{ km}(\text{moon's diameter})$ shows a time value since moon's orbital velocity is 1 km/sec .

According to Einstein's famous formula, $E = mc^2$ where c^2 (square of speed of light) would represents a time or distance values $3,00,000*3,00,000 \text{ km} = 3476*3476*266.0266$ when divided by 28. The values 266.0266 can be expressed as $0.0266 + 0.0266 = 0.0532$ and 28.0534 is a factor of amino acid where 3476 is lunar time limit in the same phase to velocity of light. So lunar time can be an alternative to speed of light exists in same phase and in any way should linked to space-time. It is a structural labyrinth.

There are two anti-gravitational impulses impulse- 0.0107 and impulse- 0.0019 runs parallel under codon-anticodon assignment and would makes two strands causes to synthesis of amino acids experiencing tremendous structural thrust in earth-moon time structure.

Here are some parameters of two pulses in earth-moon time structure that reflects in amino acids molecular weight.

After 25 rotations of 0.0107 it attains $25*0.0107 = 0.2675$ and the other corresponding value is $25*0.0019 = 0.0475$ where 0.2675 is equivalent to 140 according to 14.0267 .

Again, $0.4280 - 0.2675 = 0.1605(\text{lunar gravity or anti-gravity})$ where $40*0.0107 = 0.4280(\text{maximum expansion})$.

After 30 rotations of 0.0107 it attains $30*0.0107 = 0.321(\text{lunar gravity or antigravity for two amino acids})$ and corresponding values $30*0.0019 = 0.0570$.

At a point where impulse- 0.0107 and impulse- 0.0019 coincides $5*0.0107 = 0.0535 = 28*0.0019$.

Quantative analysis of amino acids:

AUG(398)-Met(149.2124)-UAC(358)-Tyr(181.1894):

Number of difference = $398 - 358 = 40$.

So $40*0.0107 = 0.4280 = 0.3210(\text{for 30 rotations}) + 0.1070$ and $40*0.0019 = 0.076 = 0.0570(\text{for 30 rotations}) + 0.0190$ but impulse- 0.0019 shows one numer lagging i.e. $39*0.0019 = 0.0741$.

Now, $149.2124 + 181.1894 = 330.4018$.

Beyond 0.321 for two amino acids the structural difference $0.107 - 0.0741 = 0.0330$ drive out to positive arena to 330 vt due to tremendous structural thrust and then broken out to two amino acids in a way where core values of two amino acids possess specific values.

Moreover, $(0.1975 + 0.1712) - 0.321 = 0.0475 + 0.0002$ adjustable time difference and $0.107 + 0.0477 = 0.1547(\text{tyr core values})$ and $0.0477 + 0.023 = 0.0707(\text{met core values})$ where $0.2124 - 0.1894 = 0.023$.

The manifestation is clear as codon-anticodon difference coincides to maximum values 40.

UGG (414)-Trp(204.2261)-ACC-Thr(119.1197):

Number of rotations = $414 - 357 = 57$.

Now, $204.2261 + 119.1197 = 323.3458$.

The maximum limit of impulse- 0.0107 is 40 (otherwise positive or negative matter would be concerned) and impulse- 0.0019 have scope to expand but one number lagging causes to $56^{\text{rotations}}$.

Now, $56*0.0019 = 0.1064$ and structural difference $0.1064 - 0.0741 = 0.0323$ drive out to vertical time or integer mass.

Here we see that $0.3477 - (0.2058^{\text{trp net ht}} + 0.1078^{\text{thr net ht}}) = 0.0341$ and $0.0741 + 0.0341 = 0.1082$ covers impulse- $0.0107*10$ -rotations beyond 0.321 .

In critical state '1' molecule can be transformed into 0.0001 from 0.0019 .

Previously I wrote that '14' has two ht form 0.0014 and 0.0267 that is why 0.0321 gives 0.0323 and one molecule adjusted to $0.3477 - (0.2261^{\text{trp ht}} + 0.1197^{\text{thr ht}}) = 0.0019$ and ultimately shows structural techniques.

The core value of Thr shows $119*0.0019 - 0.1197 = 0.1064$ and core value of Trp = $204*0.0019 - 0.2261 = 0.1615 = 0.1064 + 0.0551$.

Again, $(0.1064 + 0.0741) = 0.1805$ in the strand related to $0.1805 - 0.1615 = 0.0190(10 \text{ rotations for } 0.0019 \text{ in the core arena})$ shows $0.0551 + 0.019 = 0.0741 = \text{UUA}(359) + \text{AUU}(382)$ liable to synthesis Leu-Asn indicates structural matter.

GUU(375)-Val(117.1469)-CAA(381)-Gln(146.1451) OR UUA(359)-Leu(131.1736)-AAU(382)-Asn(132.1184):

Here, $117.1469 + 146.1451 = 263.292 = 131.1736 + 132.1184$.

On codon-anticodon context, $381 - 375 = 6$ and $382 - 359 = 23$ forms a combined codon difference under natural techniques i.e. $23 + 6 = 29$ and $23 - 6 = 17$ is meaningful.

Evidently 0.292 shows it does not reach 0.321 but reaches 0.321 under codon complementarity as follows.

$29*0.0019 = 0.0553 - 0.0002(\text{common in the system})$

where 0.0553 breaks to $0.0553 = 0.0263 + 0.0290$ where 0.0263 drive out to 263vt and $0.0290 + 0.292 = 0.321$ thus complements technically.

This has reflection beyond the core values since $0.1324^{\text{gln}} - 0.0754^{\text{val}} = 0.0570 = 30 * 0.0019$.

It is also noticeable that Leu-Asn has same core values.

AAA(405)-Lys(146.1882)-UUU(336)-Phe(165.19):

Here, $146.1882 + 165.19 = 311.3782$.

Codon-Anticodon difference = $405 - 336 = 69$.

Applicable $68^{\text{rotations}}$ for impulse-0.0019 gives $68 * 0.0019 = 0.1292$ and $0.1292 - 0.0741 = 0.0551 = 29 * 0.0019$ and in this case impulse-0.0107 is likely to be paused.

The structural symmetry $862 - 551 = 311$ where $311.3782 - 263.2920^{\text{val-gln ht}} = 48.0862$.

The difference of core values of lys-phe gives 0.0341 that is falls outside than that of Trp-Thr.

3. Conclusions

Bases are thus formed compatible to earth-moon time structure where lunar gravity or anti-gravity plays an important role and needed more investigations. This paper enlightens mystery of space or distance and time motivation to some extent. This paper should through light on cancer research.

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