

The Electro-gravitational Dynamics in Structural and Molecular Biology

Ratan Kumar Sarkar

India

Abstract The molecular analysis of amino acids revealed up lunar time, lunar gravity and electromagnetic values intrinsically causes an electro-gravitational dynamics in biophysics. In addition to reverse theory of genetics, there are rotational activities in the system in specific biophysical structure. Medication of cancer is possible clarified in tyrosine-valine chemistry through structural analysis of amino acids.

Keywords Polymorphic site, t-RNA, Point mutation, Genetic Suppression

1. Introduction

Derived from 14.0266, an inter-amino acids molecular weight factor (e.g., $131.1736 - 117.1469 = 14.0267$, leu-val differences) somewhere, the formula $T(\text{time}) = 0.0019 \cdot M$ (integer mass) is necessary to proceed where integer mass and decimal mass are assumed to be vertical time(vt) and horizontal time (ht) respectively. In Earth-Moon space-time structure, the lunar time (183) or $183 \cdot 0.0019 = 0.3477 = 3477$ (lunar diameter in km) since transitions prevails in the system exists in opposite direction of lunar gravity (0.1605) or 0.0705 or 705 since suppressions of 900 that would acts as a membrane between lunar time and lunar gravity in the structure and the another values 193 or $193 \cdot 0.0019 = 0.3667$ or 967 under suppression where 12756 km (earth's diameter) / 3477km (our moon's diameter) = 3.668 (app.) would be associated with biophysics. The electromagnetic values, proton's mass = $938.28 \text{ Mev}/c^2$ and electron's mass = $0.511 \text{ Mev}/c^2$ causing an electro-gravitational dynamics in biophysical structure where 938 and 0.0513(27) with a difference of 0.0002 time values are significant. A difference of '1' is found due to directional change in biophysics.

Mathematically, $27 \cdot 0.0019 = 0.0513$ where $900 - 513 = 387 = 705$ (lunar gravity) – 318(rotational form of 183) in the structure and 387 is a differential form of 378 (TTT) where $513 - 387 = 126$ (T) and $72 + 27 = 99 = 54 + 45$ in the reversal structure. It is interesting that $900 - 45 = 855$ where $45 \cdot 0.0019 = 0.0855$ or 855 and $261(\text{AT}) - 126 = 135(\text{A})$.

Conversely, 72 (polymorphic site) where $72 \cdot 0.0019 = 0.1368$ or 468 under suppression where $900 - 469 = 431$ and where $469 - 431 = 38$ constitutes proton integer mass 938 in

the structure [1] and $938/2 = 469 = 468(72) + 1$.

It is seen $938 - 513 = 425 = 387 + 38$ where 608 (oxy-time) – 183 (lunar time) = 425 causing an electro-gravitational dynamics in biophysics.

A complementary form of 184 (lunar time) is $489 = 705 - 216$ (rotational form of 126) found in the system. A values starting with '1' and ending with '9' while the integer vertical time of methionine (149.2124) is '149' are significant.

Decimals have been avoided since transitions occur in the system. The molecular weights of amino acids are bracketed [2].

2. Discussions

According to two factors of opposite 154 and 6 (or, 0.0114 or 114), his-pro chemistry is significant in the system.

According to molecular weight, histidine (155.1552), $193 - 155 = 38 = 690$ (expansion values) – 652 (i.e.1552) and $184 - 155 = 29 = 67 - 38$ where 222 (CC, related to t-RNA component)) – 155 = 67 (the values beyond 900) where $193 \cdot 0.0019 = 0.3667$ or 967 under suppression and also $652 - 559 = 93 = 193 - 100$, a difference of 100 in the structure. The values 559 is a complementary form of 155 in the biophysical structure where $1000 = 900 + 100$. It is seen $559 + 155 = 714 = 705 + 9$ where $193 - 184 = 9$. Conversely, $559 - 155 = 404$ and $193 + 184 = 377$ (TTT) shows $404 + 377 = 781 = 705 + 76$ (i.e. reverse of 67) and $404 - 377 = 27$ (electronic values) in the structure.

According to proline (115.1311), $184 = 115 + 69$ where 69 significantly breaks into time where $69 \cdot 0.0019 = 0.1311$ or 411 under suppression and where $900 - 411 = 489$, a differential form of 184 where $705 - 489 = 216$ (a rotational form of 126 or T). It is significant that the part of lunar integer time (184) transfers into decimal part where 705 (lunar gravity) – 114 (i.e. reverse of 411) = 591 (i.e. reverse of 195) where $900 - 705 = 195 = 193 + 2$ in the structure.

* Corresponding author:

rksarkar36@gmail.com (Ratan Kumar Sarkar)

Received: May 19, 2024; Accepted: Jun. 11, 2024; Published: Jun. 14, 2024

Published online at <http://journal.sapub.org/chemistry>

Multiplying 115 and 69 of proline by 10, 1150.690 or 250.690 where $690 - 411 = 279$ (electronic values or polymorphic site) where $250 = 115 + 135$ (C, t-RNA component of CCA) and $690 = 531$ (rotational form of 135) + 159 (complementary form of 115).

Since 967 is a form of 193 there should exist 167 where 1067 (or, 167 under suppression) = $690 + 377$ and where $377 = 184 + 193$ shows 184 and 193 exists in central role of biophysics. It is seen 193 is equivalent 967 where $184 * 0.0019 = 0.3496$ or 796 (a rotational form of 967) where $967 - 796 = 171(9)$.

The Tyrosine-Valine chemistry and cancer:

Valine (117.1469) would be a common form of his-pro chemistry where $117 - 2$ (or, 0.0038) = 115 and $117 + 38 = 155$ and $652 + 411 = 1063$ or 163 where 705 (lunar gravity) – 569 (or, 1469) = 136 (a rotational form of 163) where $652 - 411 = 241$ is significant.

Now, $117 + 66$ (t-RNA distance of constancy) = 183 (lunar time) and correspondingly $711 + 66 = 777(183) = 705 + 72$ since $183 * 0.0019 = 0.3477$ or 777 under suppression and $117 + 76(4) = 193$ where $391 - 67 = 324$ (reverse of 423) where $117 * 0.0019 = 2223$ or 423 and where $423 + 66 = 489$ (complementary form of 184) and 357 (CCA, t-RNA component) – 423 = 66 and also $423 + 76 = 499$ where 193 suppressed to 94. It is seen $900 - 423 = 477 = 613 - 136$ where $967(193) - 193 = 774$ (reverse of 477) that would be sectioned where $774 = 617 + 157$ according to two cancerous mutations TP53 G469T V157F and JAK2 G1849T V617F (MPN) where $1849 - 469 = 1380 = 690 * 2$ and $617 - 157 = 460$, the expansion values according to molecular point.

The cancerous mutational values $151(G) - 126(T) = 25$ where $25 * 0.0019 = 0.0475$ or 475 and protein mutational values 0.0754 (val core values) – 0.1235 (phe core values) = -0.0481 or 481 = $475 + 6$ (factor of opposite) and 475 is a rotational form of 754 (val core values) where $754 - 475 = 279$ would actuates cancer development.

The core values of valine = $117 * 0.0019 - 0.1469 = 0.0754$ or 754 and the ultimate values = pre-transitional values – core values = $(0.1469 - 0.0117) - 0.0754 = 0.0598$ or 598 where $598 + 19 = 617$ and $754 + 19 = 773$ and $755 - 598 = 157$.

Tyrosine (181.1894) is significantly related to valine where $598 + 179$ (i.e. complementary form of 117) = $777(183)$ and 1545 (tyr core values) – 754 (val core values) = 791, a rotational form of 179 where $791 - 179 = 612$, a rotational form of 126(T) where $900 - 774 = 126$ in the structure.

Again, $754 - 645$ (i.e. suppression of 1545) = 109 or 901 that would shows tyrosine exists in opposite direction of

valine but both meet at 900 with a difference of '1' due to change of direction. Tyrosine possesses medicinal effectiveness of valine- related cancer derived from structural analysis.

It is seen $1894 - 1605 = 289 = 153$ (rotational form of 513) + 136 while $1605 - 1469 = 136$ and $513 - 153 = 360 = 180 * 2$ where $180 + 1 = 181$ and $117 + 19(1) = 136$ and also $289 + 136 = 425 = 1894 - 1469 = 938 - 513$ where $425 - 184 = 241 = 369 - 128$ that are complementary form of 136 and 289 respectively and $608(\text{oxy-time}) + 241 = 849$. It is seen $241 + 38 = 279$ where $900 - 279 = 621$ (rotational form of 126) in the structure.

The Tyrosine-Methionine (149.2124) chemistry:

Here another plot of electro-gravitational chemistry where $149 + 181 = 330$ and correspondingly $2124 - 1894 = 230$ makes a difference of 100. It is seen $230 + 195 = 425$ where $900 - 705 = 195 = 289 - 94$ (the values beyond 900) and $519 = 425 + 94 = 2124 - 1605$ in the structure but in suppressed form $705 - 324 = 381$, a rotational form of 183 (lunar time). The system would goes from 425 to 513(27) where $513 - 425 = 88 = 44 * 2$ and bisected where $94 + 44 = 138 = 519 - 381$ and $513 - 318 = 195$.

From vertical point of view, $181 * 0.0019 = 0.3439$ or 739 and 1028 (expressed form of 128) – 739 = 289 and correspondingly $289 - 173 = 116$ where $900 - 611 = 289$ in the structure. The met values '149' would be complementary form of 1894 or 994 with some differentiation.

3. Conclusions

In addition to the reverse theory of genetics, rotational activities of significant values have been found ensures specific biophysical structure. The lunar time (184), lunar gravity (0.1605 or 705) and electromagnetic values causing an electro-gravitational dynamics in biophysics. The complementary form of lunar time (184) is 489 or 128 for 289 found in structural directional biology. Tyrosine would exists in opposite direction of valine both meeting at 900 (suppression values) mathematically clarified and medication of cancer is possible through structural analysis of amino acids.

REFERENCES

- [1] American Journal of Chemistry 2024, 14(1): 1-3.
- [2] Webqc.org.