

# The Electro-gravitational Chemistry and Signalling Pathways

Ratan Kumar Sarkar

India

**Abstract** The mechanism of biochemistry evolved in earth-moon space-time structure. Phosphorylation is an implementation of highly suppressed reverse values(79.98) in the system to activate electro-gravitational structure that expressing cell signalling pathways. The signalling values would be electro-gravitational impulses working for biological processes.

**Keywords** Phosphate Group, Cholesterol, Triglyceride, Mutation, t-RNA

## 1. Introduction

The lunar time (184) is an indomitable dynamic quantity that can't be stopped and if blocked activation of the system initiates. The lunar time and lunar gravity meets together i.e.  $184 + 705 = 889$  and  $705 - 184 = 521$ . Correspondingly  $193 + 507$  (reverse of lunar gravity) = 700 and  $507 - 193 = 314$  in the structure. The values '100' is significant to block the time structurally and therefore activation of the system where  $889 + 100 = 989 = 700 + 289$  and where 994 (tyr ht under suppression) - 705 = 289, a point of synchronising where  $195 + 94 = 289$  since  $900 - 705 = 195$  [1].

Conversely  $521 + 100 = 621 = 900 - 279$  is liable to cancer development shown later. Again,  $314 + 289 = 603 = 524 + 79$  and  $425 + 97 = 522$  activates the system where  $425 + 524 = 949$ , would be a point where the system activation is switched off.

The values 989, 969(51), 949 are all blocked by '9' in both sides denoting blocking of system towards signalling pathways or switched off.

The reverse reaction is an instinct to biophysical structure where  $79 \times 10 + 153 = 943(97)$  where  $943 - 349 = 594 = 777(183) - 183$  in the structure. It is to be noted that the molecular weight of sulphuric acid is 98.079 g/mol. Phosphorylation of ser, thr or tyr is an implementation of reverse reaction (79.98) in context of electro-gravitational structure.

The molecular weight of phosphate group ( $\text{PO}_4^{3-}$ ) is 94.9714 g/mol that possess an electro-gravitational structure.

Here, 0.9714 or 714 (suppressed) =  $519 + 195 = 425 + 289$  where  $519 - 195 = 324$  or 2124, a highly suppressed point of synchronising of methionine (149.2124) in terms of lunar

gravity and  $425 - 289 = 136$  in tyr-val electro-gravitational structure.

It is seen  $324 = 188 + 136$  where the values '188' transits and bisected and where  $188 = 94 \times 2$  and  $460 = 230 \times 2$  where  $230 - 94 = 136$  and  $230 + 94 = 324$  in the structure shows a bisectional mechanism. Again,  $900 - 714 = 186 = 416 - 230$  where  $149 + 230 = 379$  and  $886(94)/2 = 443 = 289 + 154$  in the structure.

The matter of opposite is deviated in the system like  $154 - 114 = 40 = 21 + 19$  where  $154 - 21 = 133(7) = 114 + 19 = 21 \times 10 - 77$  and where  $222 - 12 = 210$  and  $135 - 21 = 114$  makes the system somewhat complicated.

Decimals have been avoided and difference of '1' found due to change of direction not mentioned somewhere.

## 2. Discussions

The Tyr-Val electro-gravitational intrinsic structure:

According to lunar gravity, the tyr (181.1894) and val (117.1469) factors are segregated like  $289 = 229 + 60$  and  $136 = 103 + 33$  gives a formulation,  $X \times 2 + 100$  in the biophysical structure where  $289 \times 2 + 100 = 558 = 739$  (i.e.  $181 \times 0.0019 = 0.3439$  or 739) - 181 and  $103 \times 2 + 100 = 306 = 423$  (i.e.  $117 \times 0.0019 = 0.2223$  or 423) - 117, the internal vertical values of tyr and val while 60 and 33 are associated with 195. It is seen  $705 - 195 = 510$  while  $229 - 60 = 169$  and  $169 \times 0.0019 = 0.3211$  or 511 (under suppression) with a difference of 1.

The values  $989 = 700 + 289 = 889 + 100$  where lunar time is structurally blocked and according to formula  $X \times 2 + 100$ ,  $989 + 1 = 990 = 445 \times 2 + 100$  and  $900 - 445 = 455$  where  $455 \times 2 + 100 = 1010$  or 110, a difference of 10 found while  $193 - 183 = 10$  in the system.

Now,  $229 \times 2 + 100 = 558$  where  $558 - 113$  (factor of opposite) = 445 and  $558 + 113 = 671 = 900 - 229$  and  $60 \times 2 + 100 = 220 = 900 - 680$  where  $680 = 601(79) \& 79$  i.e. mixing

\* Corresponding author:

rksarkar36@gmail.com (Ratan Kumar Sarkar)

Received: Jul. 22, 2024; Accepted: Aug. 15, 2024; Published: Aug. 17, 2024

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

of vertical and horizontal time in the structure. It is seen  $558 + 220 = 778(183)$  and  $558 - 220 = 338 = 225 + 113$ .

Here,  $558 - 103 = 455$  and  $558 + 455 = 1013$  or  $113$  and also  $900 - 33 \times 2 + 100 = 734 = 621 + 113$  or  $734 - 455 = 279$  values found in relation to cancer due to blocking of lunar time. Again,  $455 = 522 - 67$  (values beyond 900 in 967 or 193) and  $126(T) + 67 = 193$  and  $455 - 126 = 329$  values found in cancer development.

It is seen  $900 - 306 = 594 = 777 - 183$  where  $594 - 113 = 481$  values found in cancer development and  $558 - 306 = 252$  (TT) that rotational form of 225 where  $252 - 225 = 27$  in electro-gravitational structure. Valine is related to methionine where  $455 - 306 = 149$  and  $707$  (core values of met) -  $455 = 252$ .

It is also seen  $220 - 94(\text{beyond } 900) = 126$  (reverse of 621),  $220 + 94 = 314$  and correspondingly  $900 - 569$  (i.e. 0.1469) =  $331$  (reverse of 133) in the structure.

There are so many relations would be cascade of signalling pathways in electro-gravitational structure.

Cancer electro-gravitational cycle:

According to G1849T V617F and G469T V157F mutations, the mutational values are  $151 - 126 = 25$  or 0.0475 or 475 and 0.0754 (val core values) - 0.1235 (phe core values) = -0.0481 where  $754 - 475 = 279$  and  $754 + 475 = 1229$  or 329 and also  $279 + 329 = 608$ , oxy-time needed for cell cycle [2].

It is seen  $900 - 475 = 425$  where  $705 - 425 = 280 = 279 + 1$  and  $1179 - 754 = 279$  and also  $1179 - 329 = 850 = 425 \times 2$  would constitutes an electro-gravitational structure for cancer proliferation.

There are multi-facets core values-lunar gravity (705) - electromagnetic (425) cycle for proliferation where  $425 + 279 = 704 = 705 - 1$  and  $754 - 425 = 329$  and  $754 - 705 = 49 = 474 - 425$ . Arising out tyr-ser chemistry a difference of 3 or 0.0057 or 57 found in the system while  $326 + 3 = 329$  and  $481 - 57 = 424 = 425 - 1$ .

The mutations C844T R282W shows  $111 - 126 = -15$  or -0.285 or -285 and  $0.1289 - 0.1615 = -0.0326$  or -326 where  $389 + 285 = 674$  i.e. reverse of 475 with difference of 100 and  $900 - 674 = 226 = 326 - 100$  and also  $705 - 326 = 379 = 279 + 100$  in the structure. It is seen  $326 + 49 = 375 = 844 - 469$  where  $754 - 375 = 379$  would shows a cyclic process.

The BRAF V600E mutation shows mutational values  $754 - 1494 = -740 = -739$  (rotational form of 379) - 1 where  $754 = 600 + 154$ , a relation between molecular point and core values while  $279 + 3 = 282$  and  $154 + 3 = 157$ . It is seen  $900 - 600 = 300 = 579 - 279$  where  $579 = 425 + 154$  and  $579 - 195 = 384$  in the structure.

Phosphorylation and protein kinases:

The phosphorylation is an implementation of reverse values (79.98) in electro-gravitational structure causing activation and following signalling pathways towards biological processes.

The molecular weight of phosphoserine (C<sub>3</sub>H<sub>8</sub>NO<sub>6</sub>P) is 185.07 g/mol where 105.0930 (serine) + 79.98 = 185.07 and phosphotyrosine (C<sub>9</sub>H<sub>12</sub>NO<sub>6</sub>P) = 181.1894 + 79.98 = 261.17. The molecular difference of ser-thr,  $119.1197 - 105.0930 =$

14.0267.

It would be 79.97 and difference of 1 is due to the opposite direction where  $98 - 79 = 19(1)$ . It is seen the decimal part is aligned to arginine (174.2017) pre-transitional values since  $97 \times 0.0019 = 0.1843 = 0.2017 - 0.0174$ . The serine vertical values  $105 + 79 = 183$  and  $97 \times 2 = 194$  is bisected where  $439 + 79 = 518 = 943 - 425$  (i.e.  $938 - 513 = 425$ ) and  $943 - 705 = 238 = 195 + 43$ , a suppressed synchronised position shows implementation of highly suppressed values into the system.

The values '79' =  $193 - 114$  (suppressed) where  $489 \times 2 = 978$  (beyond 900) while 183 is a complementary values of 489 with a difference of 1 gives  $183 \times 2 = 366 = 601(79) - 235$  where  $235 + 114 = 349$  (reverse of 943) and where  $967(193) - 601 = 366$  in the structure.

Conversely,  $97 \times 0.0019 = 0.1843$  or 943 (suppressed) and  $43 \times 0.0019 = 0.0817$  or 817 = 663 (reverse of 366) + 154 where  $900 - 663 = 237 = 663 - 426$  causing an electro-gravitational chemistry.

It is a highly suppressed arena gives off expressions of signalling pathways.

The significance of some important values:

In electro-gravitational structure, the reverse action of electromagnetics i.e.  $425 + 524 = 949$  that blocked by '9' in both sides switch off the activation of system and  $524 - 425 = 99$  or 100 in opposite direction and where  $524 = 361 + 163$  reverse action.

According to t-RNA factor, 66 (distance of constancy) =  $51 + 15$  where  $51 \times 0.0019 = 0.0969$  or 969 that blocked by '9' in both sides where  $15 \times 0.0019 = 0.0285 = 285$  and where  $285 + 69 = 354(66)$  in the system. In synthesis of proline (115.1311),  $184 = 115 + 69$  where 69 (or 0.1311) breaks into horizontal time(ht) significantly would due to lunar time-lunar gravity chemistry where  $900 - 411 = 489$ , a complementary form of lunar time (184) where  $705 - 489 = 216$  causes an structural adjustment of '16' towards synthesis of hydroxyproline (131.13).

The activation of system starts when lunar time (184) is blocked by '9' in both sides while the complementary form of 184 i.e. 489 is blocked by '9' in one side.

The lunar time (184) and lunar gravity (0.1605 or 705) meets together in curvature of space-time where  $989 - 100 = 184 + 705 = 889$ , obviously '100' is an essential factor to block the lunar time and it happens in the biological structure. The values '989' includes '12' while  $183 + 12 = 195 = 900 - 705$  in the structure and  $174 = 171(9) + 3 = 12$  in suppressed form incorporated into  $989 = 700 + 289$ .

Conversely  $705 - 184 = 521 = 621 - 100$  blocks lunar time while  $279 + 621 = 900$  activates for cancer development.

The values 79.98 can be derived from 184-193 chemistry while  $700 - 621 = 79$  and  $193 + 507 = 700$  and  $79 + 114$  (factor of opposite) = 193. Conversely  $193 - 184 = 9 = 98 - 89$  that mathematically symmetrical with  $601(79) + 20 = 621$  while  $79 \times 0.0019 = 0.1501$  or 601 and conversely  $184 - 106 = 78 = 79 - 1$ .

It is seen  $949 - 489 = 460$  (expansion values) and  $969 - 489 = 480$  (or 1380) in the structure while  $705 + 69 = 774$

and  $705 + 49 = 754$  (core values of val).

It is seen  $0.0601(79) - 0.0079 = 0.0522$  or  $522$  and  $184 - 79 = 105 = 106 - 1$  and also  $601 + 79 = 680 = 888 - 208$  where  $522 - 208 = 314 = 507 - 193$  in the structure.

Cholesterol( $C_{27}H_{46}O$ ) and Triglyceride( $C_{6}H_{8}O_6$ ):

The molecular weight of two interface biochemical compounds cholesterol and triglyceride are  $386.213$  and  $176.300$  respectively after suppression of horizontal time.

It is significant that the vertical and decimal values can be directly added with favourable values where  $386 + 213 = 599$  where  $900 - 599 = 301 = 300 + 1$  that comply with triglyceride ht values.

In reverse system, the positive and negative values of triglyceride are  $300 + 176 = 476$  and  $300 - 176 = 124$  where  $476 + 124 = 600(79, \text{bisected})$  and  $79 + 97 = 176$  and also  $386 + 213 = 599 = 600 - 1$ .

Here,  $777(183) - 176 = 601(79)$  where  $900 - 777 = 123 = 300 - 176$  with a difference of 1.

### 3. Conclusions

The lunar time (184) is an unstoppable dynamic quantity

activates the system while 989 blocked by '9' in both sides, a structural blocking of lunar time. The values 949 and 969(51) while attains would switched off the activation of the system. The formula  $X^2 + 100$  here clarifies the structural transactions to some extent. The activation of electro-gravitational circuit would be needed towards influx of electro-gravitational impulses with varied values for cell signalling pathways. Phosphorylation is an implementation of reverse values (79.98) activates electro-gravitational structure. Reverse reaction is an inherent characteristic of biophysical structure. There is a multi-facets core values-lunar gravity-electromagnetic and even molecular point processes for development of cancer. The interface biochemical compound macromolecular assemblies would be the results of electro-gravitational chemistry in earth-moon space-time structure.

### REFERENCES

- [1] American Journal of Chemistry, 2024 14(1): 1-3.
- [2] American Journal of Chemistry, 2024 14(3): 35-36.