

The Ultimate Longevity of Mankind

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Abstract

It is a weird phenomenon that the ability of reproduction of human being, with which the human being could exist and prolong, could potentially become the ultimate killer of mankind. If the present population doubling time could not be properly controlled, the "reproduction" will go to the opposite, "perishing" or "extinction". Gao's equation: $E=7B2^{44}$ would lead the weight of entire human population equal to the weight of the Earth. The multiplication of population will lead to the doomsday around the A. D. 3552 or earlier. The time needed to cover all the surface of the Earth with human bodies will be much earlier than A. D. 3552. Samples of people occupying the limited lands had appeared in many real life situations like pilgrims in Mecca. That is the prelude of the condition of doomsday of the world. The ultimate longevity of whole human being could not simply base on individuals' tactics of personal health and longevity. But, It needs to promote Homo Sapiensism, which considers the highest benefit of whole mankind instead of single nation's benefit. It is a higher level than patriotism. Unfortunately, almost no any current presidents, or, kings/queens of various countries, who stopped at patriotism stage, can be qualified to lead the world. So, it is an urgent project to establish a World Leader Education Institute to produce future global leaders to prolong the longevity of whole human being and reduce the speed towards doomsday.

Keywords: Longevity; Human being; Doomsday; Immigration tide; Arable land

Introduction

An old friend of mine and alumnus of the Nanjing University, also a colleague of the Chinese Academy of Sciences, who was also as a lifeguard together with us of the swimming pool, which belongs the Chinese Academy of Sciences in Shanghai; More importantly, he is one of authorities in the computational macromolecular structure in the world, professor Zhou Guo-cheng (English name Kuo-Chen Chou) recently sent us his new article - "An unprecedented revolution in medicinal chemistry driven by advances in biological science". That article was published in the Journal of Medicinal Chemistry, 2017, No. 17, pp. 2337-2358. It is a review article, containing 21 pages and 577 references cited. The first sentence of that article writes: "The eternal or ultimate goal of medicinal chemistry is to find the most effective way to treat various diseases and to extend human being's life as long as possible." This current article is to discuss with Dr. KC Chou.

As the ancient Chinese saying goes: "英雄所见略同" (Different heroes may have the same vision). "The eternal or ultimate goal of medicinal chemistry is to find the most effective way to treat (and prevent) all kinds of diseases and to extend the life of human being (even though death is inevitable) - words in parenthesis were added by Gao for more accuracy. Those words are similar to Gao's short video - "On the longevity of whole human being (Eng.V2)" [1]. However, the levels of consideration were quite different as they appear in one chapter of our book that we published at lulu.com. [2].

What we want to emphasize here is the weird phenomenon that ability of reproduction of human being, with which the human being could exist and prolong, could potentially turn into the ultimate killer of entire mankind. That will lead to the doomsday around the A. D. 3552 or much earlier. If the present population doubling time could not be properly controlled, the "reproduction" will go to its opposite, "perishing" or "extinction." That's not cheating or teasing. We believe that our equation: $E=7B2^{44}$, which is a sister equation of Einstein's equation $E=MC^2$, is true and reliable. We would like to tell you once again that the end of the world will come much earlier than A. D. 3552, because in that year, the weight of entire human population will equal

to the weight of the Earth. The year needed to cover the land of the Earth with human bodies should be far earlier than A. D. 3552. For you to understand better, we want to quote our analysis from our book: (Printed in Italic).

Although there might exist a threatening from the out space super intelligent life forms, it seems to us the real potential threatening is more likely coming from the Earth, especially from the human activities directly. Among them the global pollution and the speed of world population increasing at an exponential rate are two major issues for special concern. Now, the world population had reached 7 billion in March 2012. We heard that the rate of doubling of human population is about 35 years. Shall we curiously ask a question: How many years later the weight of total mankind will equal to the weight of the whole Earth? The Earth has a weight of about 6×10^{24} kg. The world population is about 7×10^9 . If the averaging weight per man is 50 kg, the total weight of human being is approximately about 3.5×10^{11} kg. The result of the double increment of 2^{44} obtained is 17.59×10^{12} . Now, let us use 3.5×10^{11} kg multiply by 17.59×10^{12} . It produces 6.15×10^{24} kg, which is a little heavier than the weight of the Earth. For easy to remember, here is a short equation of mine.

$$E=7B2^{44}$$

Where E denotes the equivalent weight to the Earth. B denotes the total weight of one billion of human population, suppose that the average body weight is 50 kg/man. We hope that the equation might become a sister equation to the famous Albert Einstein's equation,

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because of their rather similar appearances, although where E has different meaning...

However, as we had pointed out that, human beings are not aquatic animals, but rather terrestrial organisms. The time to cover all the Earth's surface with human bodies will be much earlier than A. D. 3552. Samples of people occupying the limited lands had appeared in many real life situations. They are the prelude of the condition of doomsday of the world, such as photographic images of pilgrims in Mecca; [3-5] Tourists gathered in the Great Wall; [6] US presidential rally and Venezuelan rally [7,8].

The idea for seeking the extension of the life of the whole human being is quite different from the idea for seeking personal longevity. Professor Chou said: "The eternal or ultimate goal of medicinal chemistry is to find the most effective way to treat various diseases and to extend human life as much as possible." To me, that belongs to the category of personal tactical longevity. Our calculation of the last days or how to prolong the life of the entire human being - which can be done by adjusting the time needed to multiply the population, belongs to the strategic longevity of whole mankind. In the modern world, family planning, war, industrial pollution, greenhouse effect and sea-level rising, serious epidemics and even the advanced medical treatment, that can save more lives are all factors and that can change the population growth, or, that can slow down the rate at which mankind can reach the end of the world, are related to the strategic longevity of whole human being.

Whether you agree with our opinion or not, We predict that three waves of major immigration will inevitably occur around the world. The first wave of global migration is the wave of immigrants from poor or underdeveloped countries seeking their wealth and well-being towards rich and well developed countries. The recent refugee issue is a prelude to this wave of immigration, in which the population in poor and underdeveloped countries has moved to the higher living standard countries [9-12]. Remember, an average of about 982.28 square meters of arable land per person is a threshold, which determines the direction of immigration. China is now under that threshold, which has an average of about 781.2 square meters. Chinese people will intend to seek immigration out of China. That is quite obvious. US is now much higher than that threshold, which has an average of 5,062.4 square meters per person. Naturally, Chinese move to US is a reasonable choice.

The second wave of global migration is the shift of the population from fertile arable land to exposed mountains and deserts, which has resulted in less and less living space in fertile agricultural lands due to population growth [13-16]. Another quote from our book: (Printed in Italic).

If the calculation is based on the entire Earth-land surface and the average area required by a man:

$$\text{Because } E_s = m7B_s 2^x$$

$$\text{So, that } 148.3 \times 10^{12} M^2 = 982.28 M^2 \times 7 \times 10^9 \times 2^x$$

$$\text{Or, } 2^x \text{ equals to } 148.3 \times 10^{12} M^2 \text{ to be divided by } 982.28 M^2 \times 7 \times 10^9$$

$$\text{Or, } 2^x = 21.568$$

$$\text{When } X=4, 2^4=16, \text{ which is less than } 21.568.$$

$$\text{When } X=5, 2^5=32, \text{ which is greater than } 21.568.$$

$$\text{When } X=4.44 \text{ when, } 2^{4.44}=21.706, \text{ the value has more than } 21.568.$$

If the world population doubling time is 35 years, then 35 years ×

4.44=155.4 years.

If the world population doubling time is 50 years, then 50 years × 4.44=222 years.

Since in the year A. D. 2012, the entire world's population had reached seven billion. We used the year A. D. 2012 + 155.4=A. D. 2167.4; we use the year A. D. 2012 + 222=A. D. 2234.

So, the continuation from A. D. 2107~2147 extending to A. D. 2167.4~2234 and between that duration, the more people give birth, the less life land could be shared with. People's lives will change from a well being status to a global poverty. It will appear the world's second immigration climax. The characteristic of that second climax of immigration is its direction towards barren mountains and vast deserts.

The third wave of global immigration is crowded human migration from the mainland to the vast oceans. This process has begun in some small part of the globe. This is the window of the future [17,18].

Don't think that our equation is useless. The industrial development must obey to or cooperate with this global wave of immigrants. It is the need of the people, something that no one can stop it by building the "New Great Wall." As the Chinese saying goes: "道高一尺，魔高一丈。" (When the saints raise one foot high; The devils pop-up three yards higher). As long as mankind remains to double its population in a certain period of time, the immigration tides cannot be stopped. That is an irresistible demand. Even on the case of the young generation to select major for attending university, they have to consider our equation, such that the oceanology and desert farming could become hot few hundred years later. A detailed calculation of the immigration schedule can be found in our book [2] and in our videos [19,20]. The video [19] has most accurate calculation for the exact year of three different immigration tides to come. Readers are highly encouraged to watch that video.

Put all in a nutshell, the human strategic longevity is largely determined by political forces and it can hardly be determined by any drugs. Therefore, in order to extend the life expectancy of the Homo sapiens, we must advocate Homo Sapiensism (humanism) than patriotism. If all humanity must die, no one, no countries can survive. Our equation $E=7B2^{4x}$ will determine the final human life expectancy. That is what we want to require people when they remember Prof. Chou's words - "The eternal or ultimate goal of medicinal chemistry is to find the most effective way to treat (and prevent) all kinds of diseases and to extend the life of human being (even though death is inevitable - words in parenthesis were added by Gao)." The ultimate of whole human being's longevity could not be simply based on individuals' tactics of personal health and longevity. On the contrary, it needs to promote Homo Sapiensism, which is a higher level than patriotism in human being social development. Unfortunately, at this moment, almost no any ongoing presidents or kings/Queens of various countries are still stopped only at patriotism stage. They are not qualified to lead the future world, because patriotism limited their thinking and their abilities and their leadership. So, it is an urgent project to establish a World Leader Education Institute to nurse future global leaders in order to prolong the longevity of whole human being. People may laugh at us that a none Nobel Prize winner and none president wants to teach Nobel Prize winners and presidents. However, the history may convince you all that our prediction is right. Thanks. We would like to quote our own words in our published book [2] to finish this article.

"Originally, there were no any roads under the heaven, on the

Earth. More people to walk through, the road forms by itself, naturally” - Johnson Gao translated from Chinese words by Loo Shyun (Lu Xun).

“Failure is the mother, who gave birth to the son with the name called Success.” - Johnson Gao translated from a Chinese old saying.

“The mountain pass will appear to the view only when your wagon has reached the foot of a hill.” “When a boat is approaching to the arch of a bridge, it will turn straight by itself.” - Johnson Gao translated from a Chinese old saying.

References

1. <https://www.youtube.com/watch?v=B7x1OmOVp0w>
2. Johnson K Gao (2017) Edited book “E=7B2⁴”, Gao's equation in relation to three global immigration and strategic longevity
3. <https://specialtopicsinreligionuno.files.wordpress.com/2015/04/kaaba.jpg>
4. https://www.nmisr.com/wp-content/uploads/2017/06/mcraim-_74_.jpg
5. https://aftabahmadkhokar.files.wordpress.com/2014/10/10698538_778846575510557_562213609083965891_n.jpg
6. <https://web.stanford.edu/group/ccr/blog/crowded-great-wall-01.jpg>
7. http://media.zenfs.com/en_us/News/Reuters/2012-10-04T213124Z_882009714_GM1E8A50F0D01_RTRMADP_3_USACAMPAIGN.JPG
8. http://fiscaltoday.com/images/2013/04/opposition-candidate-draws-giganticcrowd-in-venezuelan-election-rally_wuozn_1.jpg
9. http://www.anu.edu.au/files/styles/anu_full_920_518/public/event_submission/city2surf-crowd-people-australia-aap.jpg?itok=aOPzrmYr
10. <http://spiritualsidekick.com/wp-content/uploads/2012/09/crowd.jpg>
11. http://www.hindustantimes.com/rf/image_size_800x600/HT/p1/2011/12/11/Incoming/Pictures/780989_Wallpaper2.jpg
12. <http://s.newsweek.com/sites/www.newsweek.com/files/2015/09/18/0918croatiarefugees-migrants.jpg>
13. <http://static5.businessinsider.com/image/5220e1f969bedde8218b456a/this-iswhat-it-looks-like-when-68000-people-build-a-temporary-city-in-the-nevadadesert.jpg>
14. http://i.dailymail.co.uk/i/pix/2014/08/28/1409234340964_wps_41_quatar_Boulevard_and_Plaz.jpg
15. <https://i.redditmedia.com/te7cR0Shmr4WPNhSoNOx8zicP5ttRIYTSbflyNX3Ai4.jpg?w=1024&s=99fdefeb7b6b5d0ce12f95e13e8b5c45>
16. <http://assets.inhabitat.com/wp-content/blogs.dir/1/files/2017/04/Freedomes-SunCity-Camp-Mars-889x592.jpg>
17. <https://www.designboom.com/wp-content/uploads/2013/10/phil-pauley-subbiosphere-2-designboom-01.jpg>
18. <https://cdn6.psdstr.com/wp-content/uploads/2013/5/23/maritime-city-psd.jpg>
19. <https://www.youtube.com/watch?v=RwFsSWqZS74&t=927s>
20. <https://www.youtube.com/watch?v=jKblfrai6xk&t=2758s>