

A WONDERFUL WORLD BUILT FROM A GOLDEN BALANCE BETWEEN GOOD BACTERIA AND HERPESVIRUSES.

ALEXIS ZAGANIDIS

ABSTRACT. A very important concept for the evolution of a wonderful world, the "goodness" having survived to the "evilness" should be isolated, industrially grown, stimulated for a further evolution and finally released. Another important concept, Herpesviruses infecting human neural cells would enforce a large human brain diversity. A wonderful world could be built from a golden balance between the two concepts mentioned previously.

Einstein's theory is so powerful because it can very well formulate its own limits (one cannot go faster than the speed of light in all inertial frames). This incredible theoretical paradigm can also be developed for the discovery of an extremely dangerous energy source or for an extremely dangerous technology. An extremely dangerous energy source or an extremely dangerous technology will inevitably induce a minimal totalitarianism. If the population knows that it is a totalitarianism reduced to its bare minimum necessary (or equivalently, the Human Rights are reduced as little as possible), then this totalitarianism would be more easily humanly acceptable. This is already the case in airliners, there is already a kind of totalitarianism to avoid absolutely that a passenger or a steward finds himself at the controls of an airliner. There is also a kind of totalitarianism in aeronautical construction, in maintenance of airliners, in the medical monitoring of pilots, in the hygiene of pilots' lives and in control towers. However the situation is much less obvious with the extreme danger of the nuclear energy since humans will tend to badly misunderstand it including the Western scientists themselves.

The 7 categories of totalitarianism: religious totalitarianism (Muslims at the top), anthill-type totalitarianism (Chinese at the top), fungal totalitarianism (Western radiotherapy at the top), atomic totalitarianism (Russians at the top. Consequences: nuclear deterrence, secret and stealth nuclear weapons, secret and stealth underground atomic shelters, preventive economic & conventional wars, airborne toxins & airborne viruses, underground compartmentalized economies), totalitarianism of non-renewable energies such as nuclear fuels and fossil fuels, totalitarianism of the artificial intelligence and totalitarianism of the mathematical logic.

What is also part of the extreme danger of nuclear energy, humans will tend to badly misunderstand it including the Western scientists themselves :

- a) Humans would tend to believe that radiotherapy is a fantastic cancer treatment while it will gradually cause a fungal catastrophe on a global scale (which will also indirectly cause a global nuclear catastrophe).

- b) Humans would tend to believe that a small punctual dose of Beta radiations just before in vitro fertilization is extremely dangerous while it is extremely beneficial to make all their descendants resistant at all time to a real viral tsunami generated by an immense underground nuclear monster.
- c) Humans would tend to believe that a small punctual dose of Neutron radiations on testicles with the help of a neutristor just before the reproduction period is extremely dangerous while it is extremely beneficial to make all their descendants resistant at all time to a real viral tsunami generated by an immense underground nuclear monster.

In the case of a global nuclear apocalypse, a fungal apocalypse would ensue since the evolution of human fungal diseases is strongly boosted by ionizing-radiations. A fungal apocalypse would be the worst totalitarianism ever since only static life would prevail as the supremacy of static life. In that context, it is very important to focus on the general characteristics of fungal pathogens :

- 1) Fungal Toxins and Toxic Metabolites.
- 2) Strictly Aerobic.
- 3) Non-Motile, especially Strictly Filamentous.
- 4) Spore-Forming.

Therefore, we can deduce the general characteristics of good bacteria :

- 1) Gram-Negative : Gram-Positive bacteria have thicker cell wall. Therefore, Gram-Positive bacteria can endure larger concentrations of toxins or more dangerous toxins.
- 2) Anaerobic or Facultative Anaerobic : Strictly Aerobic bacteria have a boosted metabolism thanks to Oxygen consumption. Therefore, Strictly Aerobic bacteria can endure larger concentrations of toxins or more dangerous toxins.
- 3) Facultatively Filamentous, especially Motile : Bacteria metabolism is not fully designed to make static biofilms.
- 4) Non-spore-forming : Bacteria metabolism is not designed to make static endospores.

The first two general characteristics are the most important ones while the last general characteristic is the least important one. More the genome size of good bacteria is large and more the evolution potential of good bacteria is great. Good bacteria with a large genome size and having evolved a lot would be considered as dangerous bacteria with respect to an archaic society or with respect to an archaic medicine. However, good bacteria with a large genome size, and having evolved a lot, can be very dangerous if the human population size is far too small.

A very important concept for the evolution of a wonderful world, the "goodness" having survived to the "evilness" should be isolated , industrially grown, stimulated for a further evolution and finally released.

In practice, bacteria from the worst large prisons, and/or from the worst large prisoner-of-war camps, should be collected through sewage, garbage, dirty laundry, etc... Special Petri dishes should be used to isolate the strains of good bacteria from that bacterial extraction. The special characteristics of these special Petri dishes should be the following :

- 1) These special Petri dishes should be soaked with antibiotics such as Vancomycin in order to kill Gram-negative bacteria and/or to block the growth of Gram-negative bacteria.
- 2) These special Petri dishes should be Anaerobic with the following static gas composition : 99.75% Argon and 0.25% Dioxide Carbon. Therefore, only Anaerobic bacteria or Facultative Anaerobic bacteria are able grow on them.
- 3) These Special Petri dishes must have circular concentric lines deprived of any nutrients so that only Motile bacteria can grow far away from their initial deposit. The thickness of these circular concentric lines must increase with their circular radius and the initial deposit of bacteria should be located at their origin.
- 4) Facultative : these special Petri should be irradiated with constant ionizing-radiations in order block the growth of spore-forming bacteria. Indeed, the growth of spore-forming bacteria is much more resilient against intermittent ionizing-radiations but it is less resilient against constant ionizing-radiations.

Once several strains of good bacteria have been isolated using several special Petri dishes, these strains of good bacteria can be industrially grown separately. A certain "instantaneous" dose of ionizing-radiations should be applied at the end of that industrial process of bacterial growth in order to stimulate the evolution of these strains of good bacteria. That "instantaneous" dose of ionizing-radiations should be adjusted such that about few percent of good bacteria survive it. Therefore, that "instantaneous" dose of ionizing-radiations is much larger in the case of "good" spore-forming bacteria. Another certain dose of continuous ionizing-radiations could be also applied during that industrial process of bacterial growth in order to stimulate the evolution of these strains of good bacteria. Finally, the resulting new strains of good bacteria can be released on the prisons' products provide to their inmates and on/or the prisoner-of-war camps' products provide to their inmates.

A very counterintuitive example is the bacterium *Vibrio Cholerae*. It doesn't look like a good bacterium at all, but it has all the general characteristics of good bacteria, especially an extreme motility. Indeed, the bacterium *Vibrio Cholerae* has a much lower world fatality rate than other human diseases, yet it very effectively enforces a better lifestyle with respect to the Water Supply Network and with respect to the Sewerage. The genome size of *Vibrio Cholerae* was relatively large with respect to an early apparition dating back to 1827, and the bacterium *Vibrio Cholerae* is also over-optimized on the human genome. Therefore, the evolution of human lifestyle has been pushed forward a bit abruptly but in a very promising &

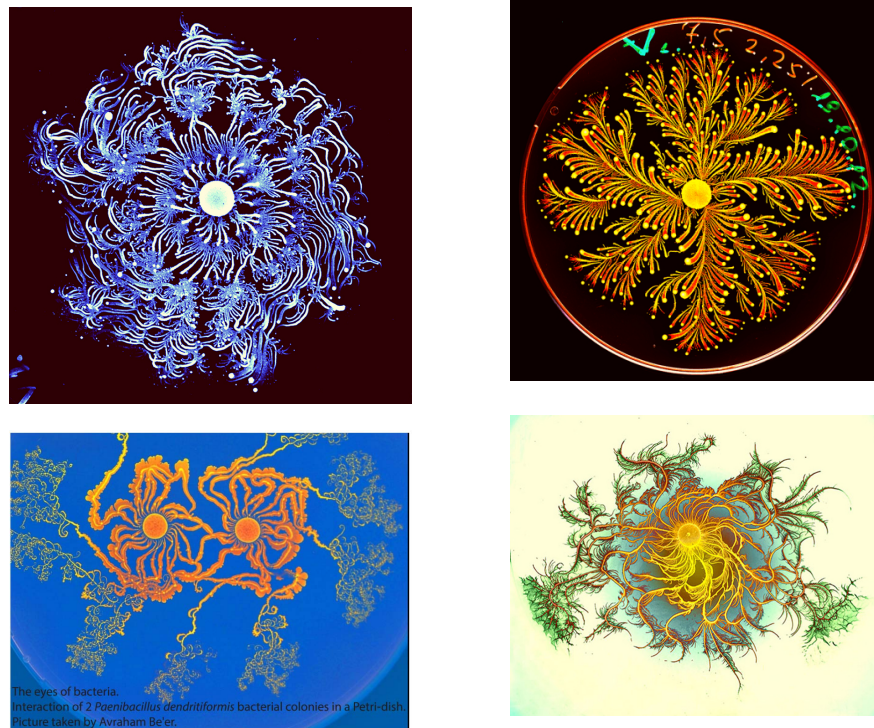


FIGURE 1. Good bacteria like *Paenibacillus dendritiformis* also exhibit wonderful artistic characteristics.

excellent direction.

Another important concept, Herpesviruses infecting human neural cells would enforce a larger human brain diversity. The evolution of human Herpesviruses can be boosted by doing machine learning on the phylogenetic tree of human Herpesviruses. Alternatively, the evolution of human Herpesviruses can be also boosted by cultivating them industrially on laboratory animals since Herpesviruses can easily do cross-species infections and since Herpesviruses have strong Zoonotic characteristics. Once human Herpesviruses are industrially cultivated, a certain "instantaneous" dose of ionizing-radiations should be applied at the end of that industrial process of viral growth in order to stimulate these strains of human Herpesviruses. That "instantaneous" dose of ionizing-radiations should be adjust in a way that few percent of viruses survive it. Another certain dose of constant ionizing-radiations could be also applied during that industrial process of viral growth. Finally, the resulting strain of human Herpesviruses can be released on the prisons' products provided to their inmates and on the prisoner-of-war camps' products provided to their inmates.

The evolution of good bacteria would enforce for a better lifestyle and for a better nutrition with less meat consumption. The evolution of good bacteria would also enforce for a better environmental health and for a better air quality index. The

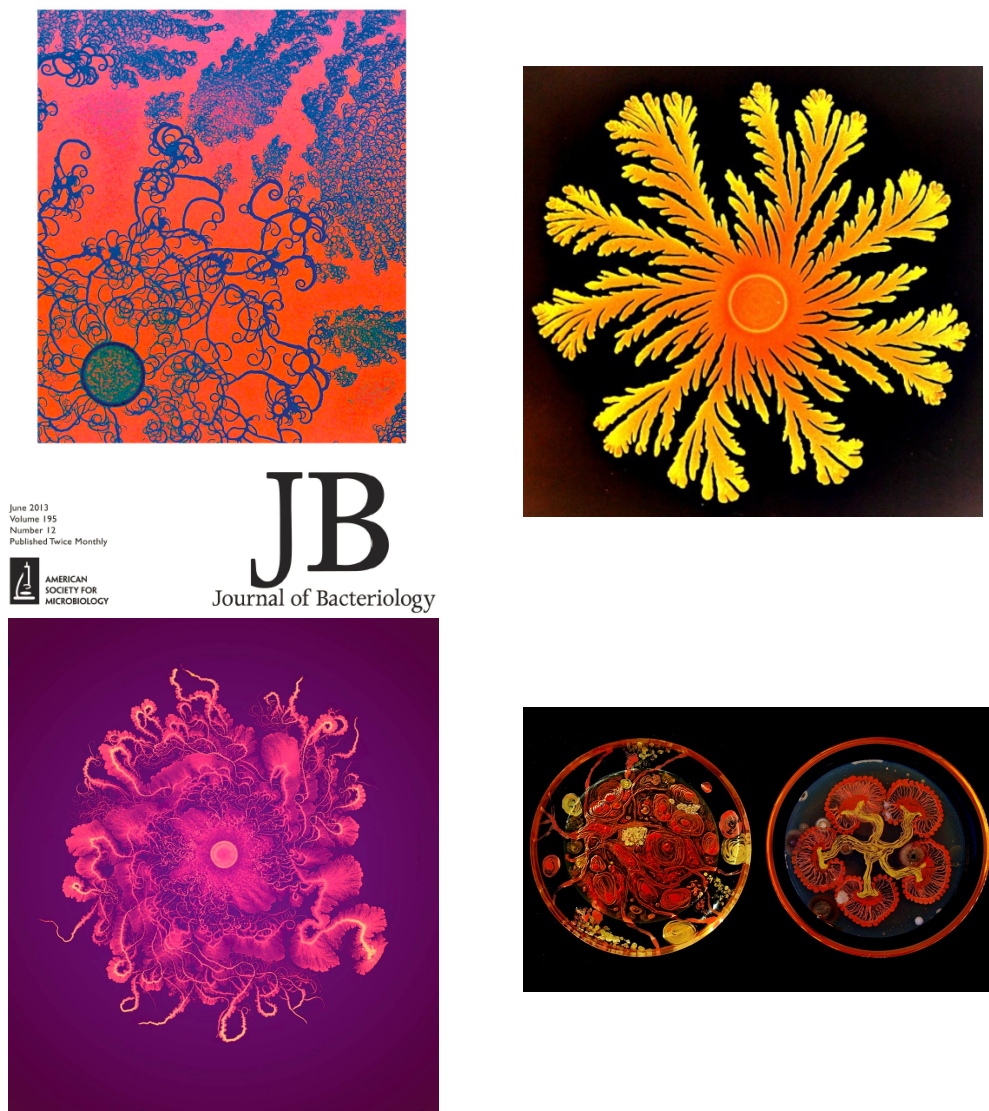


FIGURE 2. Good bacteria like *Paenibacillus dendritiformis* also exhibit wonderful artistic characteristics.

evolution of good bacteria would also autoregulate the human demography in a smoother way. The evolution of good bacteria would reduce the meat consumption and thus, it would reduce greenhouse emissions. The evolution of good bacteria would prevent urban overcrowding. The evolution of good bacteria would make conventional wars much less beneficial to the aggressors since soldiers have a much worse lifestyle during conventional wars. The evolution of good bacteria would increase safety & healthy behaviors & police science. The evolution of good bacteria would enforce standard sciences since they are strongly needed for a better lifestyle and for a better nutrition with less meat consumption. However, the evolution of

good bacteria would make economic activities & immigration a little more difficult. The evolution of good bacteria would reduce a little the human brain diversity since they enforce a more specific lifestyle, a more specific nutrition and a more specific scientific approach. Finally, the evolution of good bacteria would make alternative sciences & non-standard sciences a little more difficult

The evolution of human Herpesviruses would enforce a larger human brain diversity. The evolution of Herpesviruses would also autoregulate the human demography in a smoother way. The evolution of Herpesviruses would also boost economic activities & immigration. The evolution of Herpesviruses would boost alternative sciences & non-standard sciences & wider scientific approaches. However, the evolution of Herpesviruses would slightly boost dangerous behaviors & unhealthy behaviors & criminality. However, the evolution of Herpesviruses would also slightly boost industrial waste & air pollution. However, the evolution of Herpesviruses would also slightly boost the greenhouse gas emissions, the meat consumption, the number of conflicts and the number conventional wars. The evolution of Herpesviruses would make standard sciences & mathematical logic a little more difficult to study.

Remark 01 : The special Petri dishes mentioned in that article should contain nutrients with enough abundance and enough variety in order to avoid the accidental exclusion of some strains of good bacteria. Additionally, the nutrition provided to the inmates of the prisons, and to the inmates of the prisoner-of-war camps, may influence the bacteriome's variety of sewage, garbage, dirty laundry, etc...

Remark 02 : A better life style would require to reduce the exposure to the tropical viruses, to the infectious fecal-oral viruses, to the airborne infectious viruses and to air pollution. A better life style would require also a better nutrition with enough abundance and enough variety.

Remark 03 : The evolution of the "goodness" and the evolution of good bacteria both require a minimal "evilness".

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