

# A BIO-TECHNICAL TRICK FOR THE ULTRA-PRECISE DETECTION OF INFECTIOUS AIRBORNE VIRUSES.

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ABSTRACT. Virology is at the crossroads of five frontiers : medicine, molecular biology, biochemistry, physics and human rights. In Western countries, the role of physics in virology is completely minimized while it plays the absolute greatest role. Interdisciplinarity is also of paramount importance in theoretical physics because of the quest for a unified theory between quantum fields and general relativity. 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 in Virology. The first part and most important part of the present article is about a bio-technical trick for the ultra-precise detection of infectious airborne viruses. The second part of the present article is about the Theoretical Characteristics of the Omicron variant. The third part of the present article is about the Duality of the Omicron variant. And the fourth and least important part of the present article is about the Origin of the SARS-Cov-2 virus.

## 1. INTRODUCTION.

Virology is at the crossroads of five frontiers : medicine, molecular biology, biochemistry, physics and human rights. In Western countries, the role of physics in virology is completely minimized while it plays the absolute greatest role. Interdisciplinarity is also of paramount importance in theoretical physics because of the quest for a unified theory between quantum fields and general relativity. 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 in Virology. The first part and most important part of the present article is about a bio-technical trick for the ultra-precise detection of infectious airborne viruses. The second part of the present article is about the Theoretical Characteristics of the Omicron variant. The third part of the present article is about the Duality of the Omicron variant. And the fourth and least important part of the present article is about the Origin of the SARS-Cov-2 virus.

## 2. ULTRA-PRECISE DETECTION OF INFECTIOUS AIRBORNE VIRUSES.

In the present article, we focus on the infectious airborne viruses that have a very fast dynamic like the Omicron ones. More precisely, we focus on an artificial method to prevent human infections with airborne viruses having a very fast dynamic. However, at theoretical level, that artificial method is deeply connected to another artificial method :

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*Date:* October 9, 2024.

A viruses with a very fast dynamic can not be artificially made without an enormous biological abomination using a lot of living human tissues.

By knowing exactly how the very fast viral attacks are artificially made, it can give us a great inspiration how to artificially defend ourselves within a very optimized scientific procedure, or more simply, with a bio-technical trick.

Can the very fast dynamic viruses like the Omicron variant be manufactured with a radioactive virological rocket? Tons of industrially grown living human cells flow slowly through a narrow conduit that opens smoothly with a very long conical shape (like a rocket nozzle about). Viruses that reproduce more quickly can reach the narrower parts of this long cone where the flow of human cells is faster. Cells and viruses are subjected to an inverse radioactive gradient (gamma rays or X-rays) which induce an extremely high rate of viral mutations while the cells are constantly renewing with new ones. This technique using a flow gradient of human cells makes it possible to spatially select the most contagious viruses (over-optimized viruses that are very contagious intracellularly and that are also very contagious inter-humanly). The inverse radioactive gradient reduce more and more the radioactive exposure for the viruses that are faster and faster and that are more and more over-optimized and that are more and more close to the narrower parts of this long conical shape where the flow of human cells is faster. By definition, the over-optimized viruses have an extremely high Basic Reproduction Number  $R_0$ .

Since the very fast viral attacks are artificially made with an enormous biological abomination, the viral defensive method can not exclude completely a biological abomination. As for the Einstein's theory, to make the virology theory much more powerful, we need to formulate the best as possible its own limitations : every viral attacks will inevitably induce a minimal biological abomination. However, the viral defensive method can optimally use technologies to minimize it extremely well and to avoid mass testing methods. An essential part of that optimal use of technologies is an ultra-precise detection of infectious airborne viruses since it allows a very early detection of any airborne virus outbreak unlike the other unprecise mass testing methods with catastrophic delays.

To perform an ultra-precise detection of infectious airborne viruses, the first step is to use a very long pipe having a large diameter and having a fan ventilation with an appropriate air speed. Inside that pipe, several long arrays of misting nozzles should spray many dense water droplets that are tiniest as possible in order to catch most of the infectious airborne viruses with a minimum of liquid water. The liquid water is collected at the bottom of that pipe and transport to a vacuum chamber where the liquid water can boil at room temperature. In that process, the concentration of infectious airborne viruses increases dramatically in that boiling water and thus, it can be transferred to a normal tank with a double-pipe valve working as a water-lock system between two different pressure environments. The last step is to spray, with the help of misting nozzles again, that extremely infectious liquid water into the prison cells of the worst criminals placed into a solitary confinement enforced by a strict viral quarantine. Under sedation, daily Bronchoalveolar lavage-based PCR tests and multiple daily Nasopharyngeal PCR tests can be performed for an

ultra-precise detection of infectious airborne viruses. More the Basic Reproduction Number  $R_O$  of the infectious airborne virus is high and faster the PCR tests would show a positive result.

A daily bulletin (four times per day) like any other airborne hazard bulletins that very precisely acknowledges in real time the airborne concentration of infectious viruses at many strategic places. Thanks to that ultra-precise detection of infectious airborne viruses and unlike the other unprecise mass testing methods with catastrophic delays, SMART lockdowns can gradually take place with several population groups and can allow a precise measuring of the viral attack rate of each of these population groups. Therefore, for each population group, an accurate lockdown duration can be calculated and can make the lockdowns effectively SMART without adding an unnecessary additional duration. SMART lockdowns are universal against any infectious airborne viruses, they do not suffer any catastrophic delays, they are effectively shorter and are they more efficient.

Finally, by combining the ultra-precise detection of infectious airborne viruses with a SMART lockdown policy as it is previously explained, an optimal use of the technologies can effectively reduce the biological abominations from a viral attack to the worst criminals only and thus, avoiding the unprecise mass testing methods with catastrophic delays.

In conclusion, there are almost always several different possible solutions to manage human viruses. However, the Human Rights in Western countries reduce these several different possible solutions to nearly just one. A relevant example about that is the HCV. Despite a very low technological level, the HCV can be managed in two completely different ways. The first way is very well known and involve monotheist religions and a lot of immigration. The second way is much less known and involve some ritual secrets infecting newborn babies with the HCV that it is sustainably stored with infected corps inside the Siberian frozen soil. Either the newborn babies have a genetic mutation making them resistant to the HCV or either the newborn babies are killed much before their reproduction period by the deadly combination of the HCV and a heavy Vodka drinking culture. Once a population has reached a strong purity with respect to a mutation making it resistant to the HCV, this population will become ultra-sectarian in order not to "taint" that mutation making it resistant to HCV. As an example of this ultra-sectarian behavior aimed at avoiding at all costs any "foreign taints" of a mutation making resistant to the HCV, the most extreme Scorched-earth policy ever used was against Napoleon by burning entirely the Russian capital and its surroundings. In general, any mutations making resistant to HCV induces minor genetic disorders that progress with age and/or induces hypercholesterolemia that progresses with age and/or induces arthrosclerosis that progresses with age. More generally, Christianity effectively reduces many sexual sins which effectively reduce the HCV prevalence among Christian populations. Therefore, the Christian populations can tolerate a stronger drinking culture than the other non-Christian populations since they have significantly reduced the deadly combination between the HCV and the ethanol consumption. A very relevant & interesting hypothesis is about a new HCV strain much more dangerous that has occurred between the Polytheism period and

the Monotheism period since the Monotheism is way more efficient to reduce the HCV prevalence than the Polytheism.

### 3. THEORETICAL CHARACTERISTICS OF THEOMICRON VARIANT.

COVID has created a very difficult pandemic because it has simultaneously combined FOUR dangerous viral characteristics altogether :

- 1) The SARS-Cov-2 virus has targeted a very important human gene with a very low genetic diversity (abundant & almost identical ACE2 cell receptors),
- 2) The Coronaviruses have a very low mutation rate,
- 3) The Omicron variant is over-optimized on the ACE2 cell receptors and it is much more over-optimized than any other COVID variants,
- 4) And finally, the Coronaviruses induce a natural immunity with a lot of autoantibodies (which makes that natural immunity unsustainable).

The mRNA vaccines have played a crucial role to handle the COVID pandemic BECAUSE it is a SMART immunity. The mRNA vaccine induces a very specific immunity that targets the very specific viral proteins involved in the viral over-optimization. Thanks to this very specific immunity of mRNA vaccines, they can avoid producing the autoantibodies that are produced by the COVID traditional vaccines inducing a broader & wider immunity. However, even so a SMART immunity does not produce any autoantibodies, a SMART immunity rely on a very high concentration level of serum antibody that is significantly detrimental to brain health and that can significantly wane after 1-2 years without getting any mRNA vaccine booster. In that case, if the population stop getting some mRNA vaccine booster every 1-2 years, their SMART immunity will be gradually replaced by a too high concentration level of serum autoantibody.

Doing many different vaccines years after years can be dangerous like the influenza vaccines or like the non-Omicron variant vaccines BUT unlike other viruses and unlike other variants, the Omicron variant remains almost identical years after years. Indeed, the number of cumulative mutations per year per nucleotide for Omicron variant is 18.4x times smaller than the one for Influenza A/H1N1. Therefore, doing almost the same mRNA vaccine against almost the same Omicron variant every 1-2 years should not be more dangerous than the first initial batch of mRNA vaccines against the Omicron variant.

LONG COVID is triggered after some cumulative time with a too high concentration level of serum autoantibody. To recover from LONG COVID, the high concentration level of serum autoantibody must wane and the patient should not get any new viral infection the next 6-12 months in order to make this necessary waning possible. Moreover, LONG COVID disturbs/affects/impacts significantly the immunity and may decrease significantly the efficiency of any new vaccine. Therefore, a mRNA booster will only have some mitigate results against LONG

COVID.

However, a SMART immunity, from mRNA vaccines, was strongly needed because of the very low genetic diversity of the ACE2 human gene. Using an artificial radioactive source in a SMART way just before the human reproduction would make a much more homogeneous genetic diversity without having any Achilles' heels for the genetic diversity like the present ACE2 gene. In that case, a SMART immunity is probably not needed.

A SMART immunity is needed against a SMART virus. Both are artificial and not natural. However, both mRNA vaccines and light traditional vaccines work efficiently against severe COVID symptoms from an Omicron's primary infection. A combination of artificial vaccines and light traditional vaccines could even work better to reduce symptoms of an Omicron's primary infection.

Thanks to a hyper-competitive phenomena, COVID has globally reduced the incidence & prevalence of both mycobacterium tuberculosis and human fungal diseases.

The COVID pandemic was probably the first pandemic and the last pandemic so difficult to manage in modern countries. However, the human cells have many different receptors and a myriad of small & simultaneous viral pandemics can still pose a significant threat to modern countries. Only because of the Omicron variant, the COVID pandemic can still potentially worsen a lot in countries without regular & intensive mRNA vaccine campaigns since the concentration level of serum autoantibody would rise progressively until it damages & weakens the human body to a critical point and until it also dysregulates the immune system to a critical point. After that critical point, the human body would be too damaged & too weak and the immune system would be also too dysregulated in order to have an immunity enough strong for tamping down any COVID re-infections.

Whatever the severity of the primary infection, not getting an Omicron mRNA vaccine every 1-2 years and/or not taking DNA-based aptamers regularly that are designed to specifically target and neutralize functional autoantibodies, is "almost" like having HIV and refusing to take the antiretroviral medications regularly. Soon or late in both cases, LONG COVID or AIDS will show up because of the following vicious cycles during their latency periods. The very low concentration level of serum autoantibody will slowly damage & weaken the human body and it will also slowly dysregulate the immune system which results into a higher level of serum autoantibody after a small asymptomatic re-infection from a chronic exposure to the Omicron variant. The very low HIV viral load will slowly increase the genetic diversity of HIV viruses which requires a stronger immune response and it will also slowly weaken the immune system. However, the long-term nonprogressors who have the concentration level of serum autoantibody remaining very low are probably much more frequent than the long-term nonprogressors who have the HIV viral load remaining very low. However, the Omicron mRNA vaccine is much less efficient against LONG COVID than the antiretroviral medications against AIDS. However, DNA-based aptamers that are designed to specifically target and neutralize functional autoantibodies, are much more efficient against LONG COVID.

Finally, the Omicron variant should be renamed the Human Immune Dysregulation Virus (HIDV).

What is still **STRONGLY MISSING** in modern countries in order to manage viral pandemics much better?

- 1) A daily bulletin (four times per day) like any other airborne hazard bulletins that very precisely acknowledges in real time the airborne concentration of infectious viruses at many strategic places. Thanks to that ultra-precise detection of infectious airborne viruses and unlike the other unprecise mass testing methods with catastrophic delays, SMART lockdowns can gradually take place with several population groups and allow a precise measuring of the viral attack rate of each of these population groups. Therefore, for each population group, an accurate lockdown duration can be calculated and can make lockdowns effectively SMART without adding an unnecessary additional duration. SMART lockdowns are universal against any infectious airborne viruses, do not suffer any catastrophic delays, are effectively shorter and are more efficient.
- 2) A lentiviral gene-therapy modifying slightly the ACE2 receptors that are exposed to the Omicron variant.
- 3) A adenovirus vector vaccine against the Omicron variant doing more or less the same job than the mRNA vaccines against the Omicron variant.
- 4) 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 will tend to believe that radiotherapy is a fantastic cancer treatment when it will gradually cause a fungal catastrophe on a global scale (which will also indirectly cause a global nuclear catastrophe).
  - b) Humans will tend to believe that a small punctual dose of Beta radiations on their genitals just before their reproduction will be extremely dangerous when 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.

#### 4. THE DUALITY OF THE OMICRON VARIANT

At theoretical level, is there some Mathematical Duality between the HIV and the Omicron variant? Is it a Reciprocal Duality or not?

- 1) HIV has a very high genetic diversity  $\leftrightarrow$  The Omicron variant has a very low genetic diversity.
- 2) HIV induces a strong Immunodeficiency  $\leftrightarrow$  The Omicron variant induces a strong Immune Dysregulation.

- 3) A chronic serum viral load and punctual exposures to HIV ↔ Punctual serum viral loads from small asymptomatic re-infections and a chronic exposure to the Omicron variant.
- 4) HIV with a very high mutation rate ↔ The Omicron variant with a very low mutation rate.
- 5) Permanent DNA infection of Lymphocytes CD4 from a punctual exposure ↔ Permanent Autoantibodies from a chronic exposure.
- 6) Taking Antiretroviral medicines medications ↔ Taking mRNA vaccines regularly and taking DNA-based aptamers regularly designed to specifically target and neutralize functional autoantibodies.
- 7) Asymptomatic/Symptomatic Primary infection, latency period, AIDS ↔ Asymptomatic/Symptomatic Primary infection, latency period, LONG COVID.
- 8) Antiretroviral medications are a little more inefficient during AIDS ↔ mRNA vaccines are much more inefficient during LONG COVID but DNA-based aptamers, designed to specifically target and neutralize functional autoantibodies, are much more efficient during LONG COVID.
- 9) During the latency period, checking regularly the HIV viral load and the CD4+/CD8+ ratio since they are a good disease progression indicator ↔ During the latency period of the Omicron variant, checking regularly the concentration level of serum autoantibodies and the inflammatory markers since they are a good disease progression indicator.
- 10) A *CCR5Δ32* mutation to completely remove the CCR5 receptors but the CCR5 receptors are not abundant at all ↔ A slight genetic diversity of the ACE2 gene to change slightly the ACE2 receptors but the ACE2 receptors are very abundant.
- 11) An invasive cure to reverse the Immunodeficiency : an autologous bone marrow transplant combined with a gene therapy ↔ A very expensive cure to reverse the Immune Dysregulation : taking monoclonal antibodies medicines, or living inside a sterile bubble with a purified air during many consecutive months.
- 12) A preventive cure : always using condoms during punctual sex and always doing in vitro fertilization, or living with religious values and with a lot of immigration ↔ A preventive cure : living inside a sterile bubble with a purified air during many consecutive months, or doing SMART lockdowns, or living inside compartmentalized undergrounds with the nuclear energy.
- 13) Early detection of the HIV pandemic but failure to anticipate & manage it well and some kind of collective bio-Chernobyl has occurred ↔ Early detection of the Omicron pandemic but failure to anticipate & manage it

well and some kind of collective bio-Chernobyl will occur ?

- 14) AIDS increases the risk of Infections, Sepsis, Cancers and Fatigue ↔ LONG COVID increases the risk of Autoimmune Diseases, Anaphylaxis, Cancers and Fatigue ?
- 15) Darwin selection of HIV : 99% mortality ↔ Darwin selection of the Omicron variant : x% mortality ?

## 5. THE ORIGIN OF THE SARS-COV-2 VIRUS.

COVID project = Manhattan Project ? → A secret bio-nuclear Laboratory inside Close Cities → Modern Russia has 59 Close Cities.

A North Korea spy has delivered a Russian virus at the Wuhan market in retaliation to both CPC's historical betrayals when China's open door policy became a reality in the 1980s and when China became a member of the World Trade Organization (WTO) on 11 December 2001?

China pursued the path of economic liberalization under the leadership of Deng Xiaoping since 1978, which was interpreted in North Korea as betrayal. Since 1992, China has replaced the barter trade with North Korea with that in hard currency.

The 1980s brought a turning point for North Korea's relationship with China. First formulated by Deng Xiaoping in 1978, in the 80s China's Open Door Policy became a reality, allowing trade with the West to boom on an unprecedented level. The Open Door Policy placed North Korea in an insecure position, as they perceived the policy as a betrayal of fundamental communist principles, whilst simultaneously diminishing North Korea's importance as a trade partner.

North Korea's vulnerability was enhanced further as the PRC began to strengthen ties with South Korea. In collaboration with South Korean company Daewoo, China hoped to start the Fuzhou Refrigerator Company as a joint economic venture between the two nations. The North objected fiercely to this partnership, causing China to postpone the project. However, China still pushed on, with production lines opening in June 1988. As a result of growing tensions & China's open door, bilateral trade between North Korea & the PRC declined 14% between 1989 and 1990.

## 6. APPENDIX.

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, then this totalitarianism would be more easily humanly acceptable. This is already the case in airlines, 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 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.

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