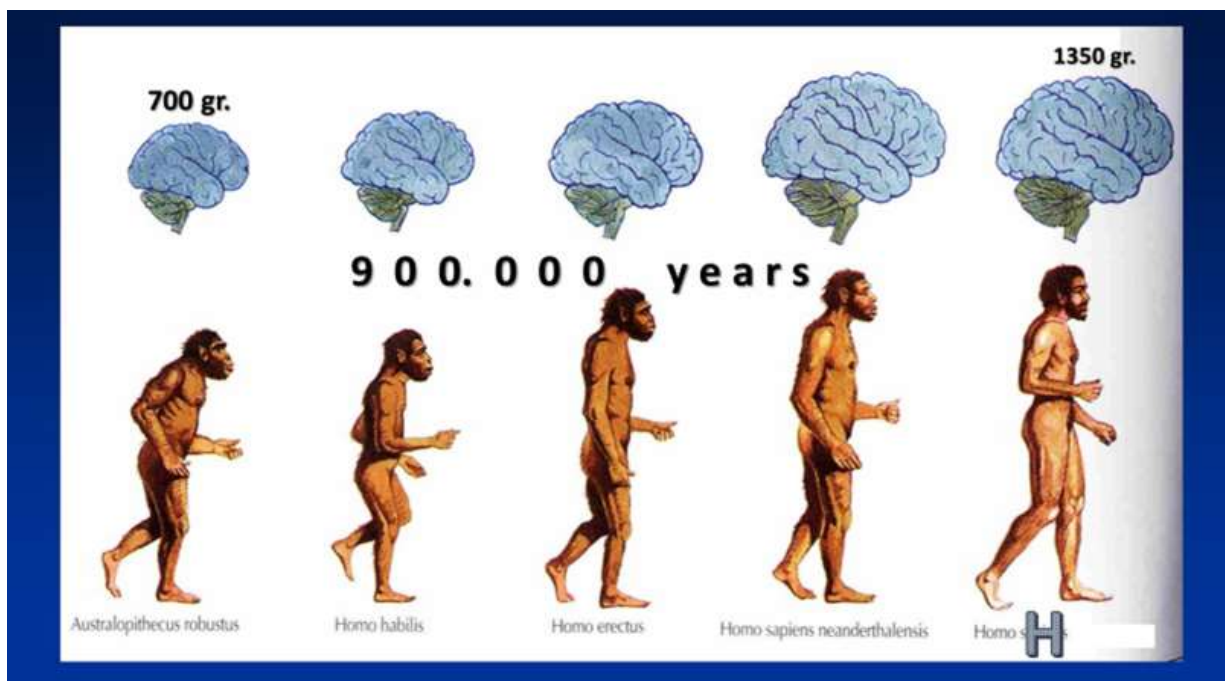


## The true and the fake news about the pandemic Covid 19

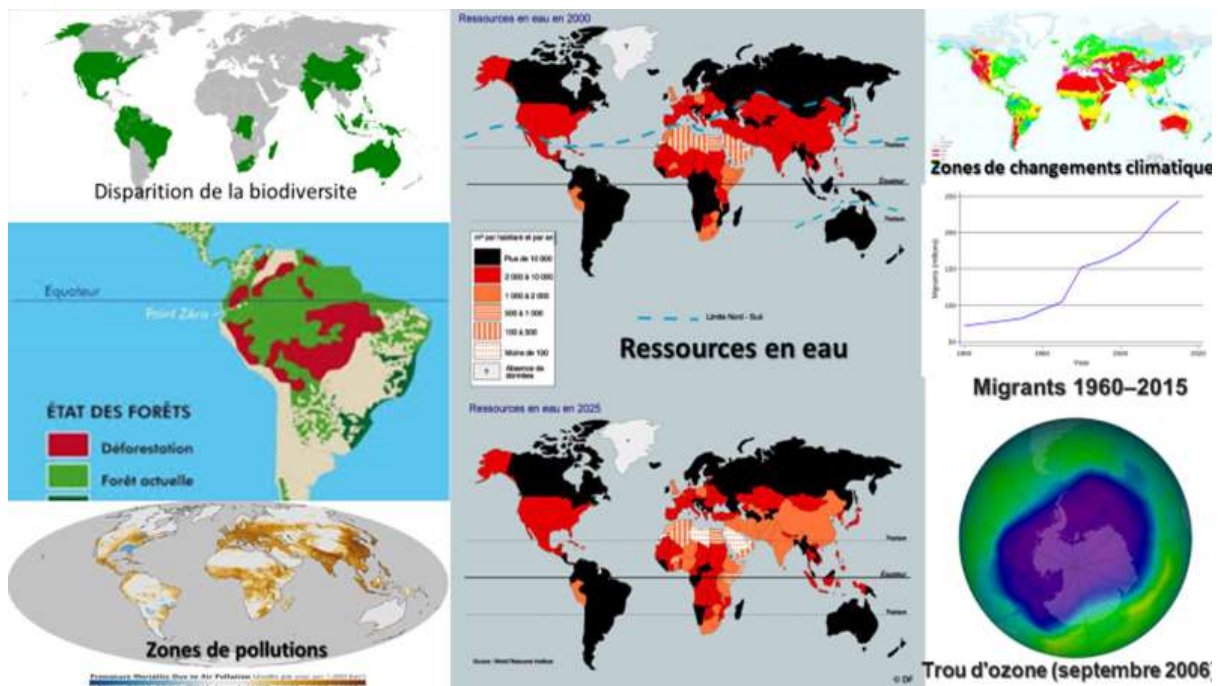
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1. The state of the human evolution. During the 1,9 million years the weight of the primate hominid brain of 700 grams became of 1350 grammes, almost the double, and the result was that the primate became a creature who thinks, speaks and writes called Homo Sapiens. During the last 50 years, the cyber, the globalization, the dataism, robotic, genetic biotechnology, www and google, Facebook, vibre, twitter, Instagram and WhatsApp added an electromagnetic noosphere to the other spheres surrounding the planet. Homo Sapiens (HS) became a HS+, a transhuman or a digital being. The magic of the electromagnetic field of the noosphere influences the human brain and its imagination, logic and ration are no more the same as before.



2. The Corona pandemic that persists about 11 months, appeared during a quantitative and qualitative deterioration of the nature, which started since the beginning of the century. It consists in the disappearance of drinking water resources, and of the ozone sphere, the desertification by deforestation, pollution, the heating of the planet with 2 degrees Celsius, the multiplication of nuclear accidents, the migration of people, the increase of the racism, the appearance of the fourth age and of the second sex.

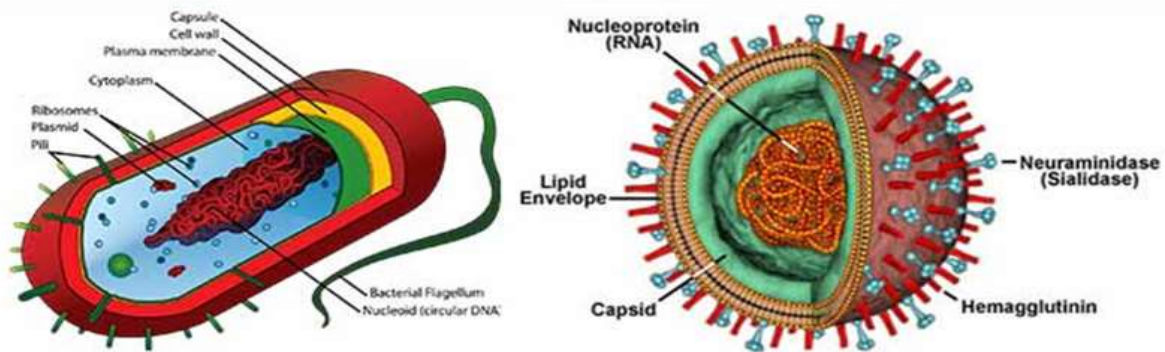


3. In these new realities of the nature and of the brain, two scientists' laureates of Nobel prize, in the last 2 months, criticized the concept about the virus. « Luc Montagnier (who discovered the HIV virus) declared “the Corona virus has inside its ribonucleic chain, a fragment of the HIV virus, that gives its destructive action on the human immunology”. It is possible that the 10.000 antenna 5G around the Wuhan laboratory (where the first case of Covid appeared) provoked the interference between the two viruses. The second scientist Tasuko Honjo, Nobel prize in Physiology and Medicine 2018 declared: Despite the different temperatures and different locations on the globe, the pandemic looks identical, this fact gives the impression that the Corona virus is a chimera (a laboratory manipulated combination).

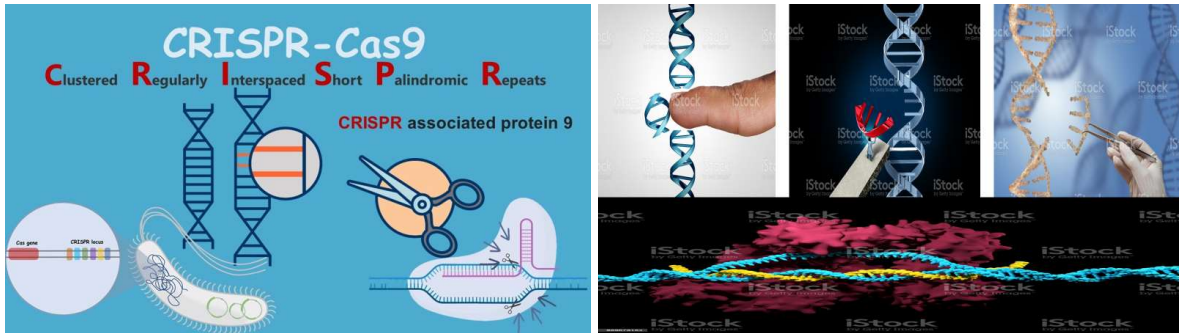
4. At 05.10.2020 the Journal Annals of Clinical and Translational Neurology published the article” Frequent neurologic manifestations and encephalopathy associated morbidity in Covid-19 patients” by Prof. Dr. Koralnik et al. The observation of 509 patients suffering of Corona, hospitalized between the 5<sup>th</sup> of march and the 6<sup>th</sup> of April 2020, in Chicago hospitals, showed that neurological disordered patients were hospitalized for periods 3 times longer than the non neurological patients. The neurological disorders presented were myalgia (44.8%), headache (37.7%), encephalopathies (31.8%), vertigoes (29.7%), dysgeusia (15.9%) and anosmia (11.4%). Only 26,3% of them needed mechanical ventilation for breathing insufficiency. The conclusion of the researchers is that the neurological complications of the Covid 19 are of the same gravity and frequency as the pulmonary complications.

5. The cause of the pandemic belongs to one of the two major types of the micro universe creatures: bacteria and viruses. *Bacteria* are single-celled prokaryotes with a non enclosed DNA, containing all the components necessary to survive and reproduce. Most are beneficial. They appeared in the Paleoproterozoic era, roughly 1.8 billion years ago, when oxygen appeared in the atmosphere, as a result of the action of the cyanobacteria. Inside our bodies, we have tens of trillions of bacteria making up our gut microbiome, and trillions more living, usually harmlessly, on our skin. Pathological bacteria are treated with antibiotics. The immune system of most people is usually strong enough to overcome their presence.

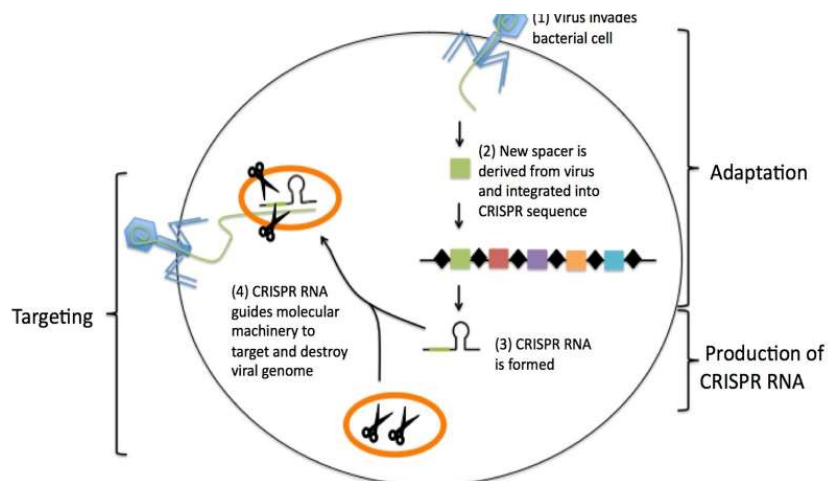
## Differences Between Bacteria and Viruses



*Viruses* are not considered to be “living” because they require a host cell to survive long-term, for reaching energy, and to reproduce. They consist of only one piece of genetic material and a protein shell called a capsid. They are surrounded by an envelope of fat and protein molecules with peplomers protrusions on the exterior bind to certain receptors on a host cell. They appeared 1.5 billion years ago, later than the bacteria. A microscope is required to see viruses, who are 10 to 100 times smaller than the smallest bacteria. Most viruses cause disease. They have developed a way of infesting bacteria and reproducing themselves by using them as cellular hosts like the human cells. The new coronavirus provokes the diseases SARs-CoV-2 and COVID-19. Viruses have short generation times, and many double stranded DNA, double stranded RNA, single strand DNA have relatively high mutation rates.



6. The treatment is vaccination, but the rapidity of viral mutation causes problems in the development of successful vaccines. Resistant mutations often appear within weeks or months after the beginning of a treatment. The CRISPR Cas9 discovery is the most significant discovery in the history of biology and Nobel prize was attributed to Jennifer Doudna and Emmanuelle Charpentier. It is the result of studying the mechanism of attack of the bacteria by the virus. This discovery revolutionized the science and allowed the manipulation and neutralization of the viral genome. However it also raises ethical concerns, by altering the DNA sequences and modifying the gene function, it makes possible not only to solve the Covid 19 in the near future, but also to correct genetic defects, treat and prevent the spread of many diseases.



7. Julius Robert Oppenheimer was a professor of physics at the University of California, Berkeley. Head of the Los Alamos Laboratory considered the “father of the atomic bomb “. In August 1945 he was nominated "Coordinator of Rapid Rupture “of the Manhattan Project, responsible for the propagation of a fast neutron chain reaction in an atomic bomb. Oppenheimer declared in Bhagavad Gita: "Now I am the death and the destroyer of worlds”. In 6 august 1945 occurred the atomic bombing of Hiroshima and Nagasaki. Two weeks following his historical declaration occurred the Hiroshima Nagasaki disaster.



Julius Robert Oppenheimer



Jennifer Anne Doudna

Jennifer Anne Doudna is a professor of chemistry at the University of California Berkeley. She is working on this project since 2009. In 2012, Doudna was “the first to propose that CRISPR-Cas9 enzyme may be a programmable editing of genomes. She understood the huge importance of the discovery and became preoccupied by its dangers. At a certain moment Jennifer Doudna declared “I had a dream, in which a scientist introduced me in a dark room with a man, and when that man turn around, it was Adolf Hitler, asking me to describe to him, how the CRISPR technology works and how it could be useful. I woke up from the dream afraid, but with a strong motivation to begin discussing publicly the implications of the CRISPR discovery”. In October 2018 Prof. He Jiankui made the first genome-edited human babies, using the CRISPR/Cas9 technology, and modifying the human genome. It took 6 years between J. Doudna declaration about her dream and the forbidden use in human genome editing.

8. Since 31 December 2019 and as of 02 November 2020, 46 597 299 cases of COVID-19 including 1 201 162 deaths. We are 6th century since the Chinese Buddhists taught us that getting a vaccine our immune system can save us from death. They were drinking one drop of serpent venom for avoiding death from a serpent bite. We already have 20 life threatening diseases that vaccines help us to live longer. On 10 January 2020, Chinese scientists released the sequence of the COVID-19 genome on the internet. Why after 10 months we don't have a vaccine against Covid-19?

International Cooperation is needed in order to realize a worldwide desiderate, but still is impossible to be reached. To inject 3/6-minute fragments of the viruses' genetic code directly into humans is too dangerous. A long process of producing the vaccine was started by 80 different pharmacological institutions. The final stages of vaccine is the most difficult bottleneck of production, due to detailed testing to ensure that the vaccine meets the necessary criteria. They are always constraints on access to the technologies necessary to finalize the product. Only large vaccine manufacturers have these capacities. About 95 per cent of vaccines of small institutions fail at this step.

Vaccines for industrialized markets can be very lucrative for pharmaceutical companies, but many countries have price caps on vaccines. Important lessons have been learned from 2009 till today about the disadvantages to deal with vaccines. For the recent Ebola outbreaks, vaccines were made available at low or no cost at all. Geopolitics may also play a role. Should countries that manufacture a vaccine share it widely with other countries or prioritize their own

populations first? It has been reported that President Trump attempted to purchase Cure Vac, a German company with a candidate vaccine. There are certainly precedents for countries prioritizing their own populations.

A recent G20 meeting on health was held. Existing global bodies such as the Coalition for Epidemic Preparedness Innovations CEPI and GAVI are working on vaccines and worldwide access to them, are also involved. Countries that cannot afford vaccines may be priced out of markets, access for poor, vulnerable or marginalized peoples, whether in underdeveloped or developing countries, is of concern. Developing countries are at particular risk from the impacts of COVID-19. People living in conflict-affected and fragile areas – whether they are refugees or asylum seekers, internally displaced or stateless, or in detention facilities – are at especially high risk of devastating impacts. Now humans can understand two major things: 1) why an international cooperation is so difficult, 2) why human beings are in need of love instead of hate in order to prevent death.