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Emil Malak Wrote!

I am NOT a scientist or an economist, but I do conduct a lot of research. I speak with many experts in various fields, and I love acquiring knowledge. The opinions expressed in this article are my own. They are straight to the point, hard hitting and presented in a take no prisoners' manner. I am NOT an anti-vaxxer, nor do I subscribe to any crazy conspiracy theories. On the contrary, I am a proponent of vaccines so long as they are safe. Vaccines have played an important part in the safety of the public and have eradicated the threat of diseases like polio and the measles, and we need to continue research to develop new vaccines in the future.

No political angle: only opinions based on scientific information.

Will COVID-19 mutate into a SARS, MERS, or both? The three are part of the same viral family

Coronavirus is a large family of viruses that causes various diseases ranging from the common cold to severe acute respiratory syndrome.

MERS (Middle Eastern Respiratory Syndrome) is a viral disease caused by a novel coronavirus (MERS-CoV), first identified in Saudi Arabia in 2012. Symptoms include fever, cough, shortness of breath, and pneumonia, though some MERS patients can be asymptomatic. According to the World Health Organization (WHO), since MERS was discovered there have been 2562 reported cases in 27 countries with 881 deaths, 35%. <https://www.who.int/emergencies/mers-cov/en/>

SARS (Severe Acute Respiratory Syndrome) is a viral respiratory illness caused by a novel coronavirus called SARS-CoV. It was first discovered in Asia in 2003. SARS symptoms include fever, persistent dry cough, headache, muscle aches and difficulty breathing. According to the WHO, there have 774 SARS deaths, or 9.6% of all cases. https://www.who.int/csr/sars/country/table2004_04_21/en/

COVID-19 also is a viral respiratory disease caused by the new coronavirus that emerged from China in December 2019. As of today, there have been more than 42 million COVID-19 cases and more than 1.1 million deaths worldwide representing a

2.7% fatality rate. COVID-19 symptoms include fever, cough, shortness of breath etc. It is a viral disease that can cause deep lung inflammation.

<https://www.worldometers.info/coronavirus/>

There are two important questions we need experts to answer:

Will COVID-19 fade out like MERS and SARS?

Does its present behavior give us cause for alarm that the virus is here to stay, or could mutate into something as deadly as MERS?

Will there ever be a safe coronavirus vaccine?

The scientific data is being manipulated. No one can confirm that a COVID-19 vaccine can make long lasting **neutralizing antibodies** that recognize and kill the virus and can keep the person immune for 10, 20 or even 50 years as other vaccines do. There are three potential scenarios following a coronavirus vaccine:

1. Best case scenario, a vaccinated person that is exposed to the virus will be protected against infection by lasting neutralizing antibodies created by the vaccine.
2. Medium case scenario, a vaccinated person will not benefit from any immunity and will still be prone to infection within a year or less of vaccination.
3. Worst case scenario, a vaccinated person gets reinfected within one year or less and has the potential for serious side effects, organ damage and potentially death because of a process called antibody-dependent enhancement (ADE).

In a [previous op-ed](#) I wrote about the risk of ADE regarding a coronavirus vaccine. Our bodies produce different types of antibodies following a virus, but not all of them prevent infection. Neutralizing antibodies defend us against reinfection, but non-neutralizing antibodies do not kill the virus. ADE takes place when there are insufficient neutralizing antibodies and the **non-neutralizing antibodies** enhance viral infectivity by binding themselves to virus particles and then act as a vehicle that carries the virus to the cells which infect the host. ADE is a general concern in the development of vaccines and antibody therapy drugs such as Regeneron.

<https://www.virology.ws/2009/07/24/virus-neutralization-by-antibodies/>

As a result of my extensive research on the subject, I believe the worst-case scenario is the most likely to take place. A coronavirus vaccine must not be rushed. We need to accumulate at least 2 years of data before we can determine the safety of a vaccine. The lack of long-lasting neutralizing antibodies is the reason there are no vaccines for MERS and SARS, and the reason there will not be a safe and effective coronavirus vaccine. Why are these “con-dem” pharmaceutical companies now claiming it will be different with COVID-19? Their claims are a sham in order to steal billions of taxpayer dollars amid the current pandemic crisis. It is unethical and all about money.

Warning: the coronavirus is endemic

The coronavirus is not just a pandemic, it is endemic. Endemic means it is here to stay. The seasonal flu, malaria and HIV are examples of endemic diseases. We better get used to living with the coronavirus forever. The ability this virus has to mutate is a factual phenomenon.

<https://science.sciencemag.org/content/early/2020/10/13/science.abe5960.full>

<https://www.cnn.com/2020/10/20/covid-19-likely-to-become-as-endemic-as-flu.html>

Two billion people could lose their jobs worldwide within 3 years

It's estimated that COVID-19 will cost the United States \$16 trillion dollars. What about the price tag to the rest of the world, Europe, Asia, South America etc.? Two billion people could be living in poverty worldwide within 3 years

http://www.xinhuanet.com/english/2020-10/13/c_139436698.htm

The velocity of money is the rate at which people spend money and how fast it changes hands. The faster the velocity of money the stronger the economic growth. A person who receives a wage, gets paid and goes to a restaurant or a shopping mall and purchases goods and services with their money from another person who also receives a wage and will go out and use their money to purchase goods and services. This is a healthy economic cycle and a good measurement of the health of the economy. When money is not changing hands rapidly the economy may be contracting. COVID-19 has affected the velocity of money and may bring some additional major industries to a near standstill.

The economic ripple effect of COVID-19

The travel industry is almost dead. People are flying much less, leading airlines to drastically reduce the amount of flights. Reduced travel means lots of hotels with many empty rooms. Transportation is suffering as people are traveling shorter distances than before. Many are working from home or have lost their jobs, which means they are spending far less money on gasoline, oil, car repairs and maintenance, and there is no need for them to buy new cars. Not going to an office everyday means offices are closing at a record pace and many buildings have lots of unrented office space. Empty offices means far less people are going out to eat which leads to restaurants closing in large numbers. Many of those restaurants will never be reopening. There is a huge reduction in spending on luxury goods and cosmetic since there is no one to show off to or dress up for. Shopping malls are bleeding stores and customers. Many of them are shutting down altogether. The housing market continue to suffer huge losses despite the lowest mortgage interest rates in decades making future projections for the housing market bleak. We are in the West are likely to lose the lion's share of the two billion jobs estimated to be lost. This list can go on and on forever. So many jobs and industries are interconnected and when one industry suffers a direct hit, others indirectly suffer just as much or more.

Drastic times call for drastic measures. Many people may need to make big lifestyle changes. Throughout most of civilized history the average person was involved in agriculture, cultivating their own food on a small plot of land. Many people need to get back to that and become more self-sufficient and less dependent on industries for their most necessities.

The Potential Breakup of the European Union

In an [op-ed from February 25](#), I wrote the following piece:

European outbreaks as we see it now in Italy will disrupt the economy as we have seen it in China. That means that the revenue base of Europe will shrink. When money gets tight the EU has two choices:

1. Print money like there is no tomorrow and call it quantitative easing.
2. Shrink the bloated EU apparatus in Brussels and Strasbourg in an austerity program to match the financial facts on the ground (that should also include the €75 Billion hole left by Brexit).

The current EU annual budget proposal is greater than €1 Trillion!

If the past is a predictor of the future the choice will be to print money like there is no tomorrow. There is only one small problem with this pathway: Zombie companies! With their 0 % interest policy the EU has kept companies alive which are the equivalent of a horse that has died in a stall that's too tight to fall over. When quantitative easing is pushing up the interest rates these Zombie companies will go the way of the dodo bird. In the last 5 years the interest rate policies might have led to an accumulation of up to 15% Zombie companies with bad strategies and outdated products. When these companies go, they will trigger a big banking problem. Most banks, in a time of 0% interest, had to get creative. Since there was less default on loans, they have run down their reserve accounts for bad loans to show that money as an asset. When the Zombies go, the banks will be in real trouble. What will be the choices? Too big to fail! Government bail out! When the going is good, they privatize the gains, when the game fails, they socialize the losses. In addition, we will see all the workers from the Zombie companies out of work. When the money runs out it will be time to make the hard choices. That will be one amazing spectator sport!

Today, eight months later Germany is in the awkward position of propping up one third of their companies that are considered to be zombie companies. It's like propping up a horse in a stall that is on its legs before death.

If Germany's production machine fails, the European Union will fall

What is the solution?

First, therapeutic medicine stopping all the deep lung inflammation that is also causing the long-Covid aftereffects.

The huge variety of symptoms are making research very difficult. This is not a normal disease like influenza. It is much more lethal because of the long-term aftereffects that a recovered patient could endure. These symptoms are fatigue, shortness of breath, heart palpitation, long-term heart damage such as cardiovascular, chest tightening, acute myocarditis, and heart failure, liver and kidney failure, gastrointestinal disturbance with diarrhea, inflammation disorders, myalgia, multi-system inflammatory syndrome, Guillain-Barrie syndrome, clotting disorder, thrombosis, skin rashes, loss of smell, loss of taste, hair loss, depression, anxiety, continuing headaches, disease of the lymph node (abnormal swelling), in particular if children get severely ill from Covid that require hospitalization, intensive care or ventilation might get multi-system inflammatory syndrome (MIS-C).

Second, the only way to climb out of this hole **in the short term** is having everyone tested every three days. Read my previous articles and see the specific plans I have laid out.

If you want the economy to get back to normal, you need to test everyone every three days.

Third, governments cannot continue wantonly printing money when there is still no real solution to the virus. Economists need to rethink the economy and come up with new strategies that will replace these rapidly disappearing industries with new industries to fill the gaps and the millions and millions of lost jobs caused by the pandemic. Many million more job losses may be coming faster than we can blink. The lost jobs need to be replaced quickly to minimize the damage and keep people employed. Countries need to strengthen their police and military and prepare for civilian revolts. When people are not able to feed their families, they will revolt.

These drugs do not work according to the WHO Solidarity Trial Results

<https://www.who.int/news/item/15-10-2020-solidarity-therapeutics-trial-produces-conclusive-evidence-on-the-effectiveness-of-repurposed-drugs-for-covid-19-in-record-time>

A study conducted by the WHO shows that several repurposed antiviral drugs were not effective in the treatment of the coronavirus in their study. The study concluded, “**These Remdesivir, Hydroxychloroquine, Lopinavir and Interferon regimens** appeared to have little or no effect on hospitalized COVID-19, as indicated by overall mortality, initiation of ventilation and duration of hospital stay.”

Pharmaceutical companies need to stop manipulating the science for their profits. The EU is set to pay \$1.2 billion for a 6-month supply of Remdesivir. They would be better off flushing them down the toilet before causing harmful side effects to patients. Big pharma is all about making money and the system is hiding the aiding and abetting them. It is a medical farce and a sham

I have also been called overly dramatic by some of my critics. I do not hide the fact that I despise socialism and communism in all its forms. But I also support the idea that the medical system should be freely available to every citizen, whether they are rich, poor

or middle class. I feel the same way about education. University education and technical school training should be available for everyone, not just those that can afford it.

Idiotic, Incompetent, Frustrating, Stupid and Total Madness

The economy must be reopened completely, and we need to give up on the delusion of a COVID-19 vaccine. As I have been saying for months, [there will not be a safe vaccine](#), and results from the ongoing vaccine trials backs my assertions.

- [AstraZeneca](#) vaccine trials remain on hold leaving their participants in limbo.
- [Johnson & Johnson](#) has paused clinical trials after a volunteer came down with a serious unexplained illness.
- [Eli Lilly's](#) vaccine trials were paused by the US amid safety concerns.
- Both [Moderna and Pfizer](#) have reported that some participants in their vaccine trials have experienced **serious side effects**.
- In spite of having participants come down with **serious side effects**, [Pfizer](#) just announced they are expanding their vaccine trials to include children as young as 12 years old.
- The Russian vaccine dubbed Sputnik V has had its trial data called into question by experts. There is growing concern about the safety of the vaccine amid allegations of data suppression regarding serious side effects.

When I wrote my first COVID-19 op-ed in [February](#) of this year, I expressed doubts that a vaccine could be developed within a short period of time. By April, we had learned enough about the virus that I knew a vaccine was never going to [happen](#). From that time until now, all the research and data has further confirmed the fallacy of ever having a safe coronavirus vaccine. Unfortunately, politicians have been badly advised and thus, have placed all their hopes and efforts into a vaccine solution when in actuality achieving a vaccine solution will be impossible.

Change course

Now we know a vaccine will not be the way to get society back to normal. Accordingly, politicians need to switch the focus of their efforts for vaccine development to continuous rapid testing and a therapeutic solution that will be far more effective than what is currently available. We must be prepared to face the next pandemic; a COVID-20, or a mutated form of SARS or MERS etc.

I was often criticized for telling the world in the articles I was writing, that the vaccine story is a con job, but I stand firmly by my previous assertions. In one article I called the money grab by the pharmaceutical companies a [“con-demic.”](#) There never has been and there never will be a safe vaccine for any coronavirus. Instead of stealing taxpayer money for a vaccine that will never work, the focus needs to be on therapeutic drug solutions. We cannot be paralyzed waiting for a magic cure. It will come, but in time.

Recently, a Nevada man became the first confirmed case of COVID-19 reinfection in the United States. Sadly, his reinfection was more severe than the original. I also said in

a previous op-ed that this would be the case. Without neutralizing antibodies, non-neutralizing antibodies can serve to transport the virus through the body much more rapidly, thus making a subsequent infection often more severe than the original. Additionally, without neutralizing antibodies we will never be able to achieve herd immunity and **coronavirus vaccines could be deadly**. The coronavirus is an endemic disease. It will have a constant presence and is not going away. So far it has not faded as many expected but has gotten stronger.

Continuous rapid testing of everyone every three days will allow the economies to reopen

In the meantime, the only solution to return life to normal is by expanding continuous rapid testing. People should be tested every three days and every business should be equipped with **a testing machine like a vending machine**, capable of conducting a rapid coronavirus test and delivering results in minutes. I explained this in my previous article where I described the [Baggio testing machine](#). Continuous rapid testing will achieve two objectives:

- stop us from fearing the virus
- give us control over the virus by allowing us to return to normal

Neanderthal DNA from fifty thousand years ago is linked to severe COVID-19 Stop blaming President Trump; blame the Neanderthal DNA

Neanderthals arose in Europe after pre-humans left the African continent and never made their way back south. As a result, people of European, Asian, and Australasian origin all have at least some Neanderthal DNA, but not people of purely African descent or of Middle Eastern descent.

There is new research that experts need to analyze much more closely. Scientists have found a link between neanderthal genes and severe COVID-19 cases. When researchers compared the genetic profiles of about 3,200 hospitalized COVID-19 patients and nearly 900,000 people from the general population, they found that a cluster of genes on chromosome 3 inherited from Neanderthals who lived more than 50,000 years ago is linked with 60% higher odds of needing hospitalization. According to the Max Planck Institute for Evolutionary Anthropology, COVID-19 patients that had this gene cluster were also more likely to require artificial breathing assistance. The paper titled "**The major genetic risk factor for severe COVID-19 is inherited from Neanderthals**" was coauthored by Svante Paabo and Hugo Zeberg and published on September 30, 2020.

Paabo and Zeberg wrote, "Here, we show that the risk is conferred by a genomic segment ... that is inherited from Neanderthals and is carried by about 50% of people in South Asia and about 16% of people in Europe today."

In a released statement, Zeberg said, "with respect to the current pandemic, it is clear that gene flow from Neanderthals has tragic consequences."

"The probability that humans who inherited this gene variation have to be put on a ventilator when they contract the novel coronavirus Sars-CoV-2 is three times higher".

"It is alarming that a genetic heritage from the Neanderthals can have such tragic consequences in the current pandemic," Paabo said, stressing that more research should be done immediately.

According to the study, the cluster of the gene is most found in Bangladesh, where 63% of the population carry at least one copy of the DNA sequence. 16% of people in Europe today also carry the same gene.

This newly discovered connection could be the reason why people in Europe, the Americas, Asia, India, and Indo-European Iran are more likely to develop a more lethal coronavirus than Africa and the Middle East.

How much Neanderthal DNA is carried today?

It is suggested that 20% of neanderthal DNA survived in modern humans. Today, neanderthal DNA is expressed in hair, skin, and diseases. East Asians seem to have the most neanderthal DNA in their genomes followed by those of European ancestry. Neanderthal DNA is virtually non-existent in Africa. Neanderthal genes might protect us from some pathogens, while making us more susceptible to others like heart disease.

The now extinct homo neanderthalensis were the ancestors to today's homo sapiens. Neanderthals were hunters on the move, compared to today's domesticated homo sapiens that live settled lives cultivating agriculture and producing food.

People of European and Asian descent should consider having their DNA tested. DNA tests are easily accessible today and having that information would be helpful to know if you are at a higher risk of serious complications from COVID-19. I am sure we will be getting much more information as researchers dig deeper into these initial findings.

<https://go.nature.com/36lHwnC>

<https://www.today.com/health/how-much-neanderthal-dna-do-humans-have-what-does-it-t126372>

The Jury is still out on the Regeneron antibody drug

President Trump is coronavirus free, and we thank God for that. However, the science still does not conclusively prove that Regeneron's antibody drug is the miracle cure we have all been waiting for.

Two science papers linked below describe the Regeneron antibody cocktail that President Trump received. Monoclonal antibodies bind important domains of the spike

protein, thus preventing spread of the infection in a patient. If given very early, it may also dampen the immune response. A combination of at least 2 monoclonals can lower the chance of mutant escapees. This will not diminish the importance of treating the immune hyper-reaction that will certainly still happen in many patients.

<https://science.sciencemag.org/content/369/6506/1010.full>

<https://science.sciencemag.org/content/369/6506/1014.full>

Other topics for future discussion

Tesla Electric Car

My next car will be a Tesla electric vehicle. However, to claim that a Tesla is emissions free is completely incorrect. By the time a consumer purchases a new Tesla electric car, that vehicle has already been responsible for emitting the equivalent of driving 100,000 kilometers just in its production.

Lithium batteries, lithium mining, and the other materials that go into producing a Tesla, all contribute to environmental pollution. The question remains, what is the actual difference in net negative impact between an average internal combustion engine vehicle versus an electric Tesla when you take production of the vehicle into account. Does a Tesla really make as big a positive impact on the environment as some would have us believe? Once hydrogen battery technology is improved and made more efficient it will surpass lithium batteries as a viable alternative to decrease emissions. I will purchase a Tesla because I like the car, not because of possibly exaggerated claims of its environmental friendliness.

The legal system has become a business for the rich and powerful

My experience with the U.S. patent system has made me conclude that it is not about the law and the constitution. It is all about how much money you have and how many lawyers you can hire. If a party has deep enough pockets, they can often bankrupt their opponents.

I am the CEO of a company that has been engaged in tough legal battles over the past four years fighting Apple, Amazon, Google, Facebook, Twitter, AT&T and Verizon. We will never give up our fight and fold. We will continue to fight these battles to the bitter end, we will prevail. I believe the majority of judges are independent and will not let themselves be intimidated by the massive power of the Silicon Valley.

Artificial Intelligence; Watson by IBM

Artificial intelligence (AI) is here to stay and is becoming more widespread each day. It may soon become the tool needed to speed up litigation and provide clarity to the often contradictory and corrupt patent system in the United States and Europe. Unfortunately, owning a U.S. patent today can be meaningless. It is no longer an asset but a liability.