

The Evolution of the COVID-19 Pandemic: Scientific and Policy Perspectives

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Abstract. In political parlance, "Wag the Dog" means to purposely distract the attention of the people from something far more important that would embarrass a politician because of his/her snafus to a situation invented by the politician to make him/her look good. In the SARS-COV-2 Saga, there has been many "Wag the Dog" episodes that have been completely ignored and under-reported by the so call "top tier" scientific journals, including Science and Nature, and others (In fact, these outfits have collaborated and acted as mouth-piece for the underprepared, incompetent, ignorant, corrupt and stupid Governments and their equally incompetent, ignorant, corrupt and stupid appointed Government Officials. In one "Wag the Dog" episode of the SARS-COV-2 and COVID-19 saga, the protagonists have politicized our country's response to SARS-COV-2 infections and virulence to distract the average people's attention from the following facts: In the United States (i) more than 4 million people have been infected by SARS-COV-2, (ii) over 140 thousand people have died as a result of SARS-COV-2 infection (Just think about it: In the United States, one out of every 100 persons has been infected with SARS-COV-2, one out of 30 persons infected with SARS-COV-2 will die, and one per ten persons hospitalized because of SARS-COV-2 infections will die, (iv) IP 10000, Number of Persons Infected with SARS-COV-2 per 10000 population and DP 10000, Number of Deaths Per 10000 individuals infected with SARS-COV-2 are among the highest in the world, comparable to the basket cases of France and United Kingdom in Europe, and (v) a tremendous tsunami of infections and deaths are just around the corner in the coming fall and winter that could almost double the total number of deaths due to SARS-COV-2 infections to over 300 thousand or more. The United States currently occupy the top position in the world with respect to the total number of individuals infected with SARS-COV-2 (still counting) and total number of deaths due to SARS-COV-2 infections (not a

position to be proud of). The perpetrators of "Wag the Dog", including the incompetent Governments (at the city, state and federal level) and Government appointed officials at the National Institutes of Health (NIH), National Institute of Allergy and Infectious Diseases (NIAID), Center for Disease Control and Disease Prevention (CDC), Federal Drug Administration (FDA), Biomedical Advanced Research and Development Authority (BARDA), World Health Organization (WHO) have been very good at distracting the general public's attention from their incompetence, ignorance, stupidity, corruption and snafus and focusing their attention on mundane and irrelevant facts, questions, false promises and false hopes, including (i) the Hydroxychloroquine fiasco (iii) the advertisement of equally ineffective Remdevisir, (iii) the great fanfare announcement of the effectiveness of Dexamethasone when it is not a cure and could kill people, (iv) the promise that an effective vaccine will be available in Fall when all real scientific experts know that an effective vaccine against SARS-COV-2 is years and not months away, (v) the slapping of ineffective and smoke-screen sanctions against members of the Chinese Communist Party, (vi) the blaming of China instead of the unpreparedness, incompetence, corruption, stupidity, racism and xenophobia of our Governmental and Scientific Leaderships, and (vii) the search for the origin of SARS-COV-2 in China. Unfortunately, our once highly respected scientific journal, Science and its so-called scientific writers/correspondents have shamelessly participated in the "Wag the Dog" episode.

In the political world, "Wag the Dog" is a metaphor to describe the distraction of the people's attention from serious matters that would embarrass a politician because of his/her wrong doings and snafus to matters of his/her own creation that would obfuscate his/her wrong doing or snafus. Unfortunately, whether we like it or not, the SARS-COV-2 and COVID-19 saga has turned our scientific world into a political world. Our scientific journals have become politically correct rags that kowtow to the political establishment, and publish unscientific tabloid news with little or no scientific foundations instead of rigorous scientific articles with solid scientific theories, experiments, results and interpretations. Our scientific journals are shamelessly participating in the "Wag the Dog" episodes of the SARS-COV-2 and COVID-19 Saga.

The facts that are being ignored and white-washed: The fact of the matter is that our country now has the honor (or dishonor) of occupying the first place by far on the podium of the highest number of individuals infected with SARS-COV-2 and the highest number of deaths due to SARS-COV-2 infections (Figure 1).

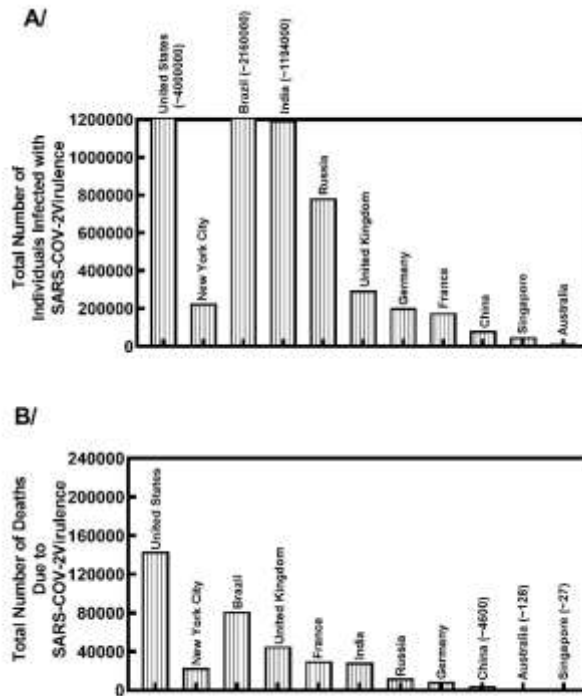


Figure 1. Panel A: Total Number of Individuals Infected with SARS-COV-2 in Different Countries. United States Has the Highest Number of Individuals Infected with SARS-COV-2. Panel B: Total Number of Deaths Due to SARS-COV-2 Virulence. United States Has the Highest Number

The number of individuals infected with SARS-COV-2 and the number of deaths due to SARS-COV-2 infections are increasing. They have not plateaued (Figure 2).

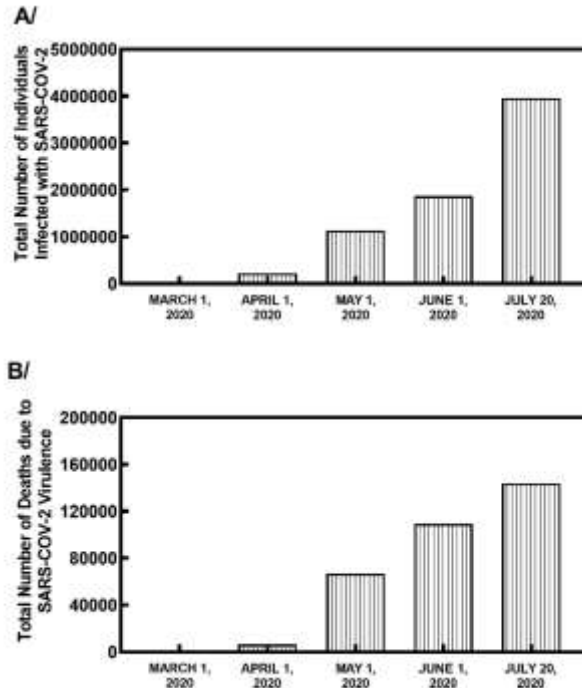


Figure 2. Panel A: Total Number of Individuals Infected with SARS-COV-2 in the United States as a function of time. The numbers are increasing and not plateauing. Panel B: Total Number of Deaths Due to SARS-COV-2 Virulence in the United States. The numbers are increasing and not plateauing.

Our country is also among countries with the highest IP 10000 (Number of Individuals Infected with SARS-COV-2 Per 10000 Population) and highest DPP 10000 (Number of Deaths Per 10000 Population) (See Figure 3) [1,2]. This vicious, incompetent, ignorant, stupid corrupt, racist and xenophobic government and its equally vicious, incompetent, ignorant, stupid, corrupt, racist and xenophobic so-called scientific experts and pundits, and its appointed civil servants, including the "bumbling idiot savants" at the National Institutes of Health (NIH), the National Institute of Allergy and Infectious Diseases (NIAID) and the Center for Disease Control and Prevention (CDC), together with our so-called top-tier scientific journals, including Science and its so-called scientific writers and correspondents are doing everything they possibly can to hide the facts from the people. They provide the people with a lot of numbers to confuse them but they are not telling the facts to the people. IP 10000 number is a measure infectivity. The United States has the highest IP 10000 (Figure 3A). DPP 10000 number is a measure of virulence. Figure 3 shows that the response strategy at the population level in the United States (especially New York City) has been abysmal. Only France and United Kingdom, have done worse

than the United States (Figure 3B). We are surpassed by a long shot by many countries, including Brazil, Singapore, Australia, Russia, China and India and countless others.

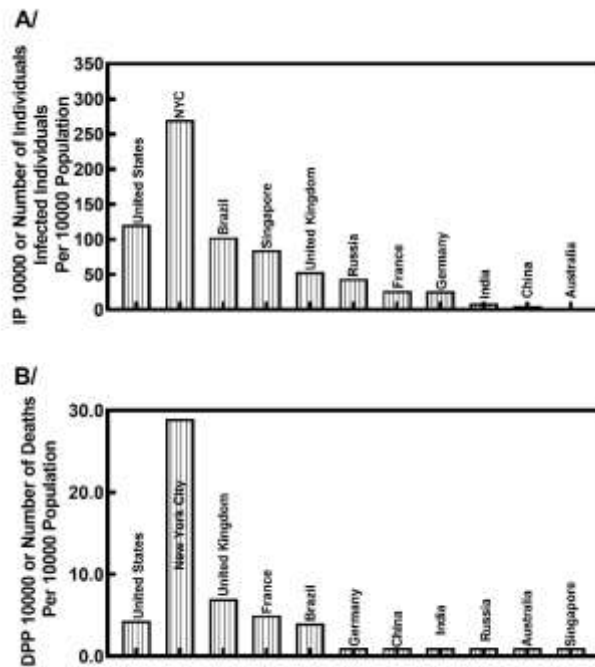


Figure 3. Panel A: IP 10000 or Number of Individuals Infected with SARS-COV-2 Per 10000 Population. United States has the highest DP 10000. Panel B: DPP 10000 or Number of Deaths Per 10000 Population. United States has one of the highest DPP 10000.

Our country is supposed to be the richest country in the world and the most technologically advanced country with the best medical research facilities in the world. Yet, we are not able to deal with a parasitic entity which is not even a full-fledged organism. Where are the so-called scientific experts and pundits? They are nowhere to be found. They are sleeping or are practicing the art of "Wag the Dog". Scientific journals like Science and countless others will not divulge the facts to you. Instead, they will act at the behest this vicious, incompetent, ignorant, stupid, corrupt, racist and xenophobic government and its equally vicious, incompetent, ignorant, stupid, corrupt, racist and xenophobic so-called scientific experts and pundits, and its appointed civil servants, including the "bumbling idiot savants" at the NIH and the NIAID to paint a rosy picture to you. The facts and the numbers (Figures 1, 2 and 3) speak for themselves. In order to camouflage their abject failures, our government, its so-called scientific experts and pundits, and its appointed civil servants, including the "bumbling idiot savants" at the

NIH and the NIAID are working in cahoots with scientific journals, including Science to whitewash their unpreparedness, incompetence, ignorance, corruption, stupidity, racism and xenophobia.

The so-called top-tier scientific journals, including Science are participating in the "Wag the Dog" episode of the SARS-COV-2 and COVID-19 Saga and have become the mouth-piece of our vicious, incompetent, ignorant, stupid, corrupt, racist and xenophobic government: Our once highly respected scientific journal, Science (and its many associated journals) that are run mainly by ex-postdocs who could not make it in the competitive world of real scientific research and arm-chair scientists who have long ago stopped doing real science at the bench with their brains and hands, has become a mouth-piece for the political establishment. Nowadays, Science publishes sensational stories by so-called science correspondents/writers and so-called peer reviewed scientific articles with zero scientific evidence to support their theories and conclusions. Only recently, Science published articles by its so-called science correspondents/writers, Kai Kupferschmidt and Jon Cohen [3-8] entitled "The pandemic virus is slowly mutating. But does it matter?", "The pandemic virus is slowly mutating. But is it getting worse", "One U.K. trial is transforming COVID-19 treatment, Why haven't others delivered more results/", "UK megatrial outshines other drug studies", "A cheap steroid is the first drug shown to reduce death in COVID-19 patients", and "A WHO-led mission may investigate the pandemics's origin. Here are the key questions to ask". What are the qualifications of Kai Kupferschmidt to write articles on SARS-COV-2 mutations that would merit their publication in Science. Does Science not have any scientific standard to uphold anymore. Who at Science run by mainly by ex-postdocs who could not make it in the competitive world of real scientific research and arm-chair scientists who have long ago stopped doing real science at the bench with their brains and hands, are supervising people like Kai Kupferschmidt and Jon Cohen. Shouldn't their articles be peer-reviewed by Science's so-called scientific experts and pundits. Where is the scientific evidence that shows that SARS-COV-2 is mutating slowly. All the evidence shows that it is mutating very rapidly [9-15]. Before praising the UK government and the so-called experts and pundits, Science in the UK, Kai Kupferschmidt should first look at the incompetence, ignorance,

corruption and stupidity of the UK governmental and scientific leaderships that managed to make UK the basket case of Europe with the highest number of individuals infected with SARS-COV-2, the highest number of deaths due to SARS-COV-2 infections, and one of the highest IP 10000 (Number of Individuals Infected with SARS-COV-2 Per 10000 population) and DP 10000 (Number of Deaths Per 10000 Individuals Infected with SARS-COV-2) [1]. Have Science and Kai Kupferschmidt considered the following: (i) If the UK government and the so-called experts and pundits in the UK had not been incompetent, ignorant, corrupt and stupid, and performed their duties scientifically, there would not be that many individuals infected with SARS-COV-2 and deaths due to SARS-COV-2 infections in the UK, and there would not be the need for Dexamethasone treatment. Many countries, including Germany, Finland, New Zealand, Australia, Taiwan, Hong Kong, Singapore have done quite well without Dexamethasone. A question that Science and Kai Kupferschmidt have failed to ask because they are not qualified enough to formulate relevant questions: What do authors of the paper by et al. [16] mean exactly by standard treatment for patients who were administered mechanical ventilation. Did the patients under mechanical ventilation receive drugs or treatment that they were not supposed to? Can Science and Kai Kupferschmidt read, comprehend, and critically analyze the paper [16]. It is not the job of Science and Kai Kupferschmidt to write about scientific matters that they could not possibly comprehend. They should stick to reporting scientific facts and not injecting their preferences without scientific facts and evidence like the folks at FOX News and CNN.

Science and its so-called scientific writers/correspondents participate in the callous and shameful attack of China, the Chinese people and Chinese-Americans: Science published a politically charged article entitled "A WHO-led mission may investigate the pandemics origin. Here are the key questions to ask", authored by one of its so-called scientific writers/correspondents, Jon Cohen [17]. By publishing the said article, Science is endorsing the "rubbish" that is in it. It is full of innuendos and is devoid of any scientific facts, theories or rationales. It was announced that two so-called scientific experts of WHO have been graciously allowed to visit China to ask questions (not to investigate). What qualifications do Science and Jon Cohen have to advise WHO, an organization run

by a Director General who is unfit and a complete clown. Because of its Director General, the WHO has no credibility to do or say anything that has to do with SARS-COV-2 and COVID-19. The unscientific article by Jon Cohen in Science is a typical example of what is wrong with Science: Science has become a mouse-piece for this unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration run by an unschooled person (with zero scientific knowledge at any level) who allegedly had to pay someone to take his SAT test and advised the American people to ingest Hydroxychloroquine and Bleach on national television (some morons actually took his advice and ended up killing themselves) [18]. (Whatever happened to liberal arts education in this country!) The unscientific article by Jon Cohen that was published in Science is a perfect decoy for a "Wag the Dog" strategy. The current administration under Donald Trump wants to camouflage its unpreparedness, incompetence, ignorance, corruption and stupidity by using the racist and xenophobic argument that China is responsible for the over 4 million individuals infected with SARS-COV-2 and over 140 thousand deaths due to SARS-COV-2 infections in this country. As it is to be expected from someone who has zero knowledge of science at any level (Compared to Angela Merkel who has a doctorate degree, Donald Trump level of education is that of a newborn baby) and who allegedly had to pay someone to take his SAT test, Donald Trump has used all kind of inflammatory language in his "Wag the Dog" strategy. Just like when he described Mexicans as rapists and gangsters to win an election, he has used various highly racist phrases to describe SARS-COV-2, including "Chinese virus", "China virus" "Kung flu" and "Whatever you want to called it, it is Chinese". (It has been said that George W. Bush is not very eloquent and smart. However, one can never stop saying that George W. Bush was a god-fearing Christian who would never denigrate a group of people based on their race. How could he be racist? His brother married a Mexican person. His nieces and nephews are half-Mexicans. There is still hope for the United States. Was Donald Trump vicious towards Mexicans because he wanted to humiliate Jeb Bush's wife. Donald Trump is the person who said that one could grab the pussies of women if one was a celebrity. Yes, Mr President if you did that you would be committing sexual assault). I am yet to see Science and its so-called scientific writers/correspondents rebuke Donald Trump for using such inflammatory and racist language with respect to

SARS-COV-2 and COVID-19. Yes, the virus that is causing the current pandemic that Donald Trump's administration cannot face and control is called SARS-COV-2 and not "Chinese virus", "China virus", "Kung flu" and "Whatever you want to called it, it is Chinese). It was unfortunate that some racist people came up with the term "Spanish flu". What would the world say if we called Ebola virus, Congolese virus or African virus, H1N1 virus, American virus, and MERS-COV, Arab virus.

What are the facts? China and the Chinese people are not responsible for over 4 million individuals infected with SARS-COV-2 and over 140 thousand deaths due to SARS-COV-2 infections in this country. The unpreparedness, incompetence, ignorance, corruption, stupidity, racism and xenophobia of the current administration and its "bumbling idiot savants" at the NIH and NIAID are responsible for the over 4 million individuals infected with SARS-COV-2 and over 140 thousand deaths due SARS-COV-2 infections in this country. The CDC used to have an office in China. Who decided to shut that office down. Was it not the US Secretary of Health, the Directors of National Institutes of Health, the National Institute of Allergy and Infectious Diseases, the Center for Disease Control and Prevention who supported the Director General of the World Health Organization when he declared on or around January 23, 2020 that "COVID-19 was not a global health emergency and that there was no need to worry about COVID-19 globally" and on or around February 3, 2020 that "the virus' spread outside China was minimal and slow" [19,20]. Was it not the leaderships of the NIH, the NIAID and the CDC who sat on their behinds from January 30, 2020 until around March 20, 2020 without coming up with any short-term and long-term strategy to deal with COVID-19, let alone any strategic thinking. Was it not the Director of the NIAID who declared on or around March 15, 2020, that "there was no requirement for "domestic travel restrictions" and that they "have not been seriously discussed" [21]. Was it not the the Director of the NIAID who stated on or around March 17, 2020, in front of the World's press, that 'the United States screwed up the production of test kits to detect the SARS-COV-2, the etiologic agent of COVID-19, and neither he nor the President or the Center for Disease Control and Prevention was to be blamed for the screw-up" [22]. Was it not the the Director of the Center for Disease Control and Prevention who stated on or around

February 26, 2020, that "the risk to Americans remains low and people should continue with their daily lives" and that he was not to be blamed for not evacuating the cruise ship in which many people were infected with SARS-COV-2 [23]. Was it not the Director of the NIH, Francis Collins who declared on March 3, 2020 that "the risk of contracting COVID-19 in the United States is currently low" [24]. One does not need to go China to find out how SARS-COV-2 found its way to the United States. The above "bumbling idiot savants" paved the way for SARS-COV-2 to enter the United States to infect more than 4 million people (still counting) and kill more than 140 thousand individuals (still counting) infected with SARS-COV-2.

On or around January 24, 2020, Lancet published a paper entitled "Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China" authored by Huang et al. [26] in which the authors described the disease(s) caused by SARS-COV-2. On or around January 29, 2020, Lancet published a paper entitled "Genomic characterization and epidemiology of 2019 novel coronavirus: implications for virus origins and receptor binding" by Lu et al. [27] on its website describing SARS-COV-2 and the disease(s) that it causes. In the paper [27], the authors stated that there were several reports of patients admitted to hospitals in Wuhan, China in December 2019 already. A full sequence of the SARS-COV-2 genome can be seen to have been deposited in the China National Gene Bank on or around December 24, 2019 [28]. On or around February 3, 2020, a paper entitled "A pneumonia outbreak associated with a new coronavirus of probable bat origin." by Zhou et al. [29] that was published in Nature described the sequence of full length SARS-COV-2 genome and stated explicitly that SARS-COV-2 and the disease(s) that it causes had been identified as early as December 12, 2019. A full length sequence of the SARS-COV-2 genome was deposited in the China National GeneBank and the GISAID DataBank under 402127–EPI_ISL_402130 on or around December 30, 2019. On or around February 3, 2020, Nature published a paper entitled "A new coronavirus associated with human respiratory disease in China" authored by Wu et al. [29] on its website describing the full sequence of the SARS-COV-2 genome. Prior to the publication of the said paper, the authors deposited the full sequence of the SARS-COV-2 genome in the United States NCBI on or around January 5, 2020 under GenBank

NC_045512.1. On or around Jan 10, 2020, Dr Catherine Stephens, the Director of Clinical Trials at Beth Israel Deaconess Medical Center got a release of the complete sequence of SARS-COV-2 genome under GenBank MN908947 from an open-access virology site posted by Dr Yong-Zhen Zhang of Fudan University [30].

From the above, it can be seen that the idea that the current unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration and its equally incompetent, ignorant, corrupt, stupid, racist and xenophobic appointed so-called experts, pundits, and civil servants, including the Directors of the NIH, NIAID and CDC are lying when they say that they did not know about SARS-COV-2 and COVID-2 in January 2020 when they should have taken all necessary steps to control the spread of SARS-COV-2. If they were not lying, then they must have been sleeping on the job. If they were not lying and admitting that they were sleeping on the job, then they are admitting that they are incompetent, ignorant, corrupt and stupid. They should have known about SARS-COV-2 in December 2020 because full length sequences of SARS-COV-2 genome were deposited in the China National GeneBank and the GISAID DataBank (an international consortium funded by many countries, including United States and China) under 402127–EPI_ISL_402130 on or around December 30, 2019 [27]. With respect to the untrue, conclusory, racist and xenophobic articles of the Editor in Chief of Science, Holden Thorpe [31-35], he must have been smoking something that he should not have when he wrote them (see below). Also, writing an occasional editorial of one page can hardly be considered fulfilling the duty of the Editor in Chief of Science (see below).

Another "Wag the Dog" falsehood that the current unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration and its equally incompetent, ignorant, corrupt, stupid, racist and xenophobic appointed so-called experts, pundits, and civil servants, including the Directors of the NIH, NIAID and CDC are trying to spread is the idea that SARS-COV-2 is man-made in a laboratory in Wuhan, China that escaped because the Chinese Scientific Researchers do not know how to maintain and work in a P4 level environment. First, there is no scientific evidence that SARS-COV-2 is man-made [36,37] (although it would be a very simple matter to do. For those who do not

know, Scientific Researchers are always constructing viruses in the laboratory which are approved by the United States NIH guidelines) Second the idea that the Chinese Scientific Researchers do not know how to maintain and work in a P4 level environment is just plain laughable and another farcical and unbelievable "Wag the Dog" attempt of the the current unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration and its equally incompetent, ignorant, corrupt, stupid, racist and xenophobic appointed so-called experts, pundits, and civil servants, including the Directors of the NIH, NIAID and CDC at denigrating and attacking China and the Chinese scientific researchers, to distract the American people from their snafus. As all true scientific experts would know, it is fact that all the equipment that is necessary for constructing a P4 level laboratory and all scientific equipment that are used in a P4 level laboratory are manufactured in China. To ask one to believe that China can manufacture the equipment but do not know how to use it is like asking one to swallow a chameleon, especially in consideration of the fact that a large number of China's Scientific Researchers have worked in the United States and have trained Americans on how to become first call virologists. What was even more laughable is the claim by the French Government and some retarded so-called French Scientific Researchers that they train the Chinese Scientific Researchers on how to construct and use the P4 level laboratory in Wuhan, China. Unfortunately, the French government and most French Scientific Researchers (I am a French Scientific Researcher who had to choose to live and work in the United States) talk a lot, blows a lot of hot air but do not do much. The Governments of the United States and France could not procure enough masks, gowns, gloves and ventilators for its citizens, and had to purchase them from China. It is time that we stop underestimating the capacities of the Chinese Government and Scientific Researchers, and stop insulting the Chinese Scientific Researchers because it not only makes us look like morons but it also makes us complacent while China is surpassed us in almost all field of scientific research and technological advancement. Is it not a truism that China is ahead of us in (i) 5G technology and implementation, (ii) CRISPR Technology and Animal (human) Cloning, (iii) Nucleic Acid and Protein Technologies (iv) Bioinformatics and Biocomputational Technologies, (v) Telemedicine Technologies, (vi) Fast Train Technology and Construction, (v) Mega-Building Construction Technology,

(vi) Mega-Bridge Construction Technology, (vii) Solar Power Technology, (viii) Mass Manufacturing Technology. One would be a fool to underestimate the capacity and ingenuity of a nation that has the knowhow to construct sophisticated nuclear bombs, send probes to the moon and mars, and be the world's manufacturer of almost any gadget that one can think of. It is notable that one of the key players of CRISPR technology, Fang Zhang who is at the Broad Institute, Boston, was actually born in China and came to the United States at the age of 11 with his parents. Vilifying Chinese-American Scientists is another "Wag the Dog" strategy of the current vicious, unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration and its equally vicious, unprepared, incompetent, ignorant, stupid, racist and xenophobic appointed so-called experts, pundits, and civil servants, including the Directors of the NIH (especially the current Director of the NIH), NIAID and CDC. It is a pity that outfit like Science (that has relinquished its duty to report the facts and evidence and not personal views) and its so-called scientific writers/correspondents have kept their mouth shut about all the savage transgressions of the current vicious, incompetent, ignorant, stupid, racist and xenophobic administration. It is in fact farcical and alarming that Science and its so-called scientific writers/correspondents would inject theirs and the current administration's agenda in their articles.

The provocative, racist and xenophobic articles by the Editor in Chief of Science, Holden Thorp [31-35], speaks volume. The Editor in Chief of Science, Holden Thorpe, an arm-chair scientist is by training an inorganic chemist who has long ago left the laboratory and stopped doing practical scientific work at the bench with his brains and hands. He would not understand virology or biochemistry (molecular biology) of viruses at any level. Yet, he allows himself to occupy the position of Editor in Chief of Science and write about matters that he knows nothing of. In the said articles, Holden Thorpe wrote that "China's secrecy about new corona virus led to loss of life". (Imbecile, you should use your brain before you open your mouth or use your pen or key board.) Had the Editor in Chief of Science, Holden Thorpe done some investigation, read and understood the sequences of SARS-COV-2 genome deposited in the public database as early as December 2019, he would not make an imbecile of himself and said imbecilities like: (i)

"Now the piece doesn't seem so daring at all because it's clear that China's delays and secrecy costs lives", (ii) China covered up the initial spread of the virus", (iii) The World Health Organization (WHO) has walked a very fine line of trying to manage the pandemic without offending China" (iv) "Yes, China did a lot to create this problem", "China has rightfully taken criticism for squelching attempts by scientists to report information during the outbreak", "Ai Weiwei would probably agree that China's actions in the coronavirus crisis requires the voice of the scientific community, and I would not be surprised that getting folks to say something has been a challenge" (Has the Editor in Chief of Science, Holden Thorpe interviewed Ai Weiwei or he just made up the quote. Fabrication of evidence in the form of a quote is called Data Fabrication which constitutes Scientific Misconduct according to the Office of Research Integrity of the United States Department of Health and Social Services), "Some of these scientists and experts even expressed doubt that I'd find such a gutsy author at any organization in China to write such a piece", "The contrast between the mobilization of the scientific community and the political action of China is striking", "And if every experience is shrouded in secrecy, enforced by a repressive government, the world would never solve the problem", "But it will take more than just an examination of China alone. or even this outbreak alone to shape the future. To avoid the tragic costs of silence, we must push for more transparency and truths in all fronts" and ""Apparently not to China, which has rebuffed efforts to understand the origin of SARS-CoV-2". What the Editor in Chief of Science, Holden Thorpe has done in his racist and xenophobic writings is to incite animosity, hatred and violence towards China, Chinese people and Chinese scientific researchers. He is implying that Chinese people and Chinese scientific researchers have no guts and no principles because they are afraid of telling the truth and confronting the Chinese Government. What the Editor in Chief of Science, Holden Thorpe failed to appreciate is that the Chinese people and Chinese scientific researchers had faced death when there was a need to and will face death if there will be a need to. However, they are not going to support the propaganda of the American administration and Science which is based on falsehood, racism and xenophobia. They could not care less whether the Editor in Chief of Science talks about Ai Weiwei or not and they will also question whether the Editor in Chief of Science, Holden Thorpe asked Ai Weiwei permission before he attribute words

and thoughts to Ai Weiwei that the latter did not make. What the Editor in Chief of Science, Holden Thorpe has also done with his racist and xenophobic writings is fan the xenophobic wind against Chinese-Americans in the streets of America and Chinese-American scientific workers in Academia.

How does one "squench attempts by scientists to report information during the outbreak" and rebuff efforts to understand the origin of SARS-CoV-2" [31-35] when it were Chinese Scientific Researchers who described the first cases of COVID-19 and published the first sequence of SARS-COV-2 genome as early as December 2019 without any hindrance from the Chinese Government. Wake up! SARS-COV-2 is in America already. SARS-COV-2 has infected over 4 million and killed over 140 thousand Americans already! What good is it going to do to find out if SARS-COV-2 came from bats, pangolins or whatever. The cat is out of the bag already. Go back to school to read and learn about virus latency, virus dormancy and virus activation, and the effects of environmental factors, including temperature, humidity and radiation on virus latency, dormancy and virus activation. Viruses are everywhere and they have been with humans since they walked on this earth. I advise the Editor in Chief of Science, Holden Thorpe to go back to school and learn some basic virology and basic biochemistry (molecular biology). I find it quite amazing, ludicrous and comedic that a person with the qualifications of Holden Thorpe could become the Editor in Chief of Science. I challenge the Editor in Chief of Science, Holden Thorpe to call out the unpreparedness, incompetence, ignorance, corruption, stupidity, racism and xenophobia of the current administration (which he is afraid of). A true man of integrity without ulterior motive, racism and xenophobia in his vein will not insult a whole nation and its entire scientific personnel unless he is an imbecile and a clown. He knows nothing about the history of the China and the Chinese people. Yet he has no qualm at insulting China, its people and its scientific researchers. He is no different than the British colonialists and slavers who looked down upon the Chinese people and tried to colonize and made them slaves just as they did in Africa, India and America. He is no different than our Commander in Chief who is a racist and xenophobic imbecile (one has to be an imbecile to be racist and xenophobic). One must be an imbecile and a complete moron to say that China is

responsible for the over 4 million cases of SARS-COV-2 infection and over 1400000 deaths due to SARS-COV-2 virulence in this country. The true culprits are this unprepared, incompetent, ignorant. corrupt, stupid, racist and xenophobic administration, its equally unprepared, incompetent, ignorant. corrupt, stupid, racist and xenophobic so-called experts and pundits, appointed civil servants, and supporters like the Editor in Chief of Science, Holden Thorpe. I challenge the Editor in Chief of Science, Holden Thorpe and its army of ex-postdocs minions who could not make it in the world of real scientific research to call out this xenophobic administration for the persecution of Chinese-American and Jewish-American Scientific Researchers [38]. Why the Editor in Chief of Science, Holden Thorpe is so keen to talk about transparency in China and insulting the Chinese people and Chinese scientific workers for lack of integrity and guts and not about transparency in his own outfit (yes! Science!) and the actions (inactions) of this unprepared, incompetent, ignorant. corrupt, stupid, racist and xenophobic administration, and its equally unprepared, incompetent, ignorant. corrupt, stupid, racist and xenophobic so-called experts and pundits, and appointed civil servants,

When the Nazi persecuted Jewish Scientific Researchers, everyone kept quiet. How many famous Jewish Scientific Researchers lost their close ones in the Jewish Concentration Camps. Yes, Mr Holden Thorpe, you are participating in the persecution of Chinese-American and Jewish-American Scientific Researchers by keeping your mouth shut about their plight and writing and publishing racist and xenophobic pieces in Science. History will judge you just like it judged those who kept quiet and profited from the persecution of Jewish Scientific Researchers. One who would "trust Tony Fauci with my life" [35] must be a cretin. Only a moron like the Editor in Chief of Science would write that kind of imbecility. Only an arm-chair scientist who has deserted the laboratory and stopped working at the bench with their brains and hands far too many moons ago would say such "betise". Just look at the statistics. Tony Fauci who has been in his current position since 1984 is a clown who is also partly responsible for the over 4 million cases of SARS-COV-2 infection and over 1400000 deaths due to SARS-COV-2 virulence in this country. By the way, the Editor in Chief of Science, Holden Thorpe bears a big responsibility for the over 4 million cases of SARS-COV-2 infection and over 1400000 deaths due to

SARS-COV-2 virulence in this country because like other so-called arm-chair scientific experts and pundits, he has failed to see the emergence of SARS-COV-2 and the devastation that it would cause and still causing. As Editor in Chief of Science, it is his job and duty to know and write about it before it happens (It is derelict of duty not to be able to do that!). To do that requires exceptional breath of knowledge and special training in using one's brain to think and strategize which the Editor in Chief of Science, Holden Thorpe does not seem to have. It also requires reading and comprehending the Art of War and Theory of Chaos [39,40]. If Science and the Editor in Chief of Science, Holden Thorpe is really interested in transparency, I suggest that they start an investigation of the so-called peer review system of Science, in particular the reviewing of manuscripts at Science by committees of ex-postdocs who could not make it in the world of real scientific research (see below).

Science has done worse: By publishing sub-standard pseudo-scientific articles, including the recent article entitled "Susceptible supply limit the role of climate in the early SARS-COV-2 pandemic" by Baker et al. [41], Science is proving that it is beholden to the status quo with respect to its peer-review system and is a mouth-piece for the current vicious administration. Baker et al. [41] do not know basic virology and biochemistry (molecular biology) of viruses. Instead of sitting on their asses in front of their fake computer simulations, they should go back to undergraduate school and try to learn and comprehend virus latency, virus dormancy and virus activation, and the effects of environmental factors, including temperature, humidity and radiation on virus latency, virus dormancy and virus activation. It is not clear who reviewed the paper by Baker et al. [41] or even if there was any reviewing that took place. In the said article, there is zero scientific facts (as the famous Burger King ad asked: where is the beef!) to bolster the authors' suppositions that are not only non-sensical because they are not based on facts and but on computer simulations programmed by themselves. The said article is also dangerous. The authors in [41] argue that there is no associations between SARS-COV-2 infections and environmental factors, including temperature and humidity. All the evidence says otherwise [42-51]. Had they left their arm-chairs, gotten out from their offices, and done some real statistical science in the real world instead of sitting on their

behinds relying on their false computer simulations, the authors in [41] would have come to a completely different conclusion. By publishing the garbage paper of Baker et al. [41] and not others with real scientific data collected by hard-working scientific researchers that contradict the paper by Baker et al [41], Science has in effect injected itself in a controversy and decided arbitrarily that it knows best as retards would do. Publishing the garbage paper of Baker et al. [41] also represents a "Wag the Dog" strategy which is dangerous and will cost a lot of lives as they deflect the importance of environmental factors in our combat against SARS-COV-2 infections and virulence in favor of vaccines and chemical prophylactics that may or may not be forthcoming or effective. It is also a lack of imagination and creativity (Not to mention corruption) to put all of one's eggs in a single basket. Several billion dollars (still counting! We already forgot the trillions that have been spent already) are being poured by this vicious, unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration into ordering for vaccines that have not been proven safe and effective. Whatever happened to the so-called peer review system of Science. Was it not Science that published the irreproducible papers of Hwang et al., Kaidi et al., Berret et al. and Cho et al. [52-64] (to name but a few!). Science should be called the Journal of Irreproducible Results, and Racist and Xenophobic viewpoints.

One advice that I would like to give to Science and its so-called scientific writers/correspondents: Stick to reporting scientific facts and events that you understand and are based on scientific facts. Spare us your racist and xenophobic opinions. We get too much of that already on FOX News and CNN. You are trying to emulate the people in FOX News and CNN when you inject your opinion on subjects that you know nothing about and are unqualified to read and understand. Stick to understanding the "Black Lives Matter" movement in our country, the callous and savage treatment of endogenous American-Indians and the decimation of their way of life first before you issue condescending prescriptions to countries like China and others. We, in this country have as many imperfections as they do in China. We have a President who got less popular votes than Hilary Clinton. Unlike in France where there is true democracy, in the United States, we only have a pseudo-democracy that is based on our colonial past. Our system

of elections is a copy of that of the United Kingdom. The founders of this country replace the British King with a United States President who was not elected by the people of this country. Who are we to point fingers at China and tell China how to run itself. As far as I know, there are more homeless people in Washington DC than in Beijing. Only in the United States, someone like Donald Trump with an educational background of a little baby could become a President. Stop being hypocrites. Let us stop pretending that we care about the people in Hong Kong and Taiwan. Let us stop pretending that we care about the people in Australia. Slowly, we are losing our historical friendship and close linkage with Europe because of our condescending ways. Angela Merkel prefers to do business with Russia than with the United States. United States is the unhappy kid who compensates by bullying and terrorizing the rest of the world, except may be Saudi Arabia and India where they mistreat women and still have discriminatory caste system. Kishore Mahbubani, former Singapore's ambassador to the United Nations has advised us on what we must do in the United States: Let us be more minimalist and start taking care of our people, and worry less about telling other nations how not to take care of their people. It will not be too late for our country if only the vicious, unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic administration, and equally vicious, unprepared, incompetent, ignorant, corrupt, stupid, racist and xenophobic appointed so-called experts, pundits, civil servants, including the Directors of the NIH, NIAID and CDC, and the current Editor in Chief of Science can be fired (You are fired!).

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