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The scientific world is full of many mysteries that we humans have yet to explore. Even the certain things we know for sure are disputed by ‘scientists’ and people claiming to know it all. Controversies will rage for as long as humanity exists, for knowledge to expand and grow ignorance must exist to counter it and force its evolution. As of right now there are still people who defy solid scientific proof and resort to believing what they want. One of the biggest controversies of modern day is Coronavirus, there exists a large populous that believes the virus was manufactured in a laboratory and is being used to control the overall human population and make corporations and pharmaceuticals money. People will argue about the effectiveness of face masks and the mortality rate. Although hard proof exists that Coronavirus is indeed real and has impacted millions of people, the naysayers will persist in their vocalization and will not waver. .

Corona has impacted the globe in multiple ways from hindering the economy to changing our day to day life. The sudden rise and unprecedented spread to almost every country has hindered all human activities. As far as we know Corona is a common SARS-CoV-2 found in other mammals, specifically bats. However, a doctor from the Wuhan region of China claims that the virus was manufactured inside a lab. According to Murdock, Jason. “Chinese Virologist Who Claims Covid Was Made in a Lab Says Facebook ‘Scared of the Facts,’ Promotes Parler Page.” *Newsweek*, Newsweek, the novel virus was produced within a lab. In the article Dr. Ling states that in late 2019 she published a report that said the virus was being man made in a laboratory

within the state of Wuhan China. As soon as the papers were published people ate it up and began to believe that the virus really was created within a lab in Wuhan.

Despite what Dr. Ling states the scientific community is heavily against her publishing as her papers were not peer reviewed and does not come off as credible. Even in the same article other scientists have called the findings a bluff and a 'shitshow of information' according to virologist Angela Rasmussen who works at Columbia university. Along with her other scientists have denounced the findings since there is no solid data to back the findings. The entirety of the findings published by Dr. Ling sounds nothing more than a more complicated conspiracy theory stretched into two different papers.

As with all viruses that threaten human life a vaccine is our ultimate savior and our only hope. Currently the race is on to develop a vaccine for the Corona virus and multiple pharmaceuticals are in a race to develop said vaccine. Usually it takes years to develop and perfect a vaccine but considering the severity of the Coronavirus efforts to speed up the creation of vaccines are rapid. However, just like any other virus Corona brings its own uniqueness to the table. It is constantly evolving and the scientists trying to develop said vaccine must keep this in mind as they race to develop and test their vaccines.

Creating a vaccine also engenders its own issues since there will be multiple pharmaceuticals racing to develop their version of the vaccine and test it out. Since there are multiple companies racing to develop a vaccine this leaves price and effectiveness in array since there is no place for collaboration and sharing of information. Price is also a major thing since pharmaceuticals will race to be the first to find a vaccine and market it to the highest bidding government. According to Lupkin, Sydney. "Remdesivir Priced at More Than \$3,100 For A Course Of Treatment" a vial of the vaccine could sell for as much as \$520. Considering most Americans do not have robust

healthcare this price seems outrageous and it just a means to make the company money. The set price is for people with private insurance, those with a government given insurance will be charged less but as of now there is no definite for them. So far Gilead Science, the company behind the vaccine in the U.S, has set \$520 as their asking price over vial per person.

Considering that the average American household has about 5 people that comes out to about \$3100 per person and around \$15,000 for a family. Considering the average American family is struggling to make ends meet this price seems way too high and just looks like a way for the company to make money. However, one must also consider that it's better to pay that amount instead of forking over a life savings in the ER with the symptoms Corona is known to cause.

Corona has caused havoc in our day to day life and has led for certain new additions to our day to day lives. The best way to combat the spread of Corona is to wear a mask, wash your hands, wear gloves if needed and avoid touching your face as advised by scientists. Even with professional scientists telling them to wear a mask and saying that it is effective there are people who will still resist. Ignorance is the best intangible weapon a virus possesses and apparently it is everywhere in this country. While states like New York have made wearing masks a mandatory thing other states like Florida have not enforced such laws. As of recent states like Florida, Texas and other southern states have seen a surge in Corona spikes, despite having been told to wear masks by lead scientists in the Center for Disease Control and Prevention. According to Mohammed, Manal. "Three Major Scientific Controversies about Coronavirus" wearing a face mask is the most optimal solution we must combat the spreading of Corona which spreads through contact, sneezes, and from simply speaking. This has been proven to be effective when New York state mandated the wearing of masks and cases in the state began to decline rapidly.

Overall, despite what people want to believe Corona is a very real threat that has killed hundreds of thousands of people and infected millions of others. Despite what Dr. Ling says that it was created in a lab. Something man made would not possess the ability to evolve so it must have come from nature. Despite fears that pharmaceuticals are using this to make money it would be better to pay hundred for a vaccine rather than fork out thousands in the ER when Corona latches onto your body and causes it to break down. Despite what protestors say the best way to stop the spread is to mask up, wash your hands and try to avoid touching your face as much as possible. This virus is nothing like we have seen before, but it is nothing we can't get over. Despite what the naysayers state, Corona is real and not lab made, pharmaceuticals aren't here to make money off the average citizen and using face masks works. We have gotten through such tragedies like this before and we will do it again.