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Viruses have been existing for years now. They are neither dead nor alive but active inside a host and when in the open they are weak. The main aim for a virus is to reproduce which means to make more copies of themselves. We have viruses like the Ebola virus, HIV and influenza virus, these are viruses that have claimed a lot of lives. Now we face a bigger threat, a virus that have cause a global pandemic in months. The SARS-COV2 (Severe Acute Respiratory Syndrome Coronavirus 2)under the family of the coronavirus, named for the crown like spikes on it surfaces.

The SARS-COV2 (Severe Acute Respiratory Syndrome Coronavirus 2) started in Wuhan China late last year December 2019. The virus is said to be zoonotic which means it can be transmitted from animals to humans. The animal reservoir is yet to be researched but due to some researchers it is said to

have been transferred from pangolins to humans due to the fact that pangolins are prized in Asia for food and medicine while some considered the virus to be transmitted from bats or snakes. The virus have to affect living cells in order to reproduce. Inside the virus there is genetic material that contains the information to make more copies for itself. The virus uses it protein spikes to get inside its host, then damages the lungs making it hard for an individual to breath. The virus can cause lobar phenomena which is when one of our lungs is unable to function properly or bronco phenomena which is when both lungs are not functioning properly. In this case the phenomena allows us to develop pathogenic viral infection which are difficult in breathing, chills, cough and in worst cases death.

There are ways we can stop the spread of the virus since our scientists are still looking for a cure to the COVID 19. We need to wash our hands regularly or use a hand sanitizer that contains at least

60-70% alcohol, always maintain social distancing because the virus can be transmitted from one person to another and when we are going outside always wash your hands and put on your face mask and when removing it always wash your hands before removing. By abiding to the rules and regulations set in place by our government.

The COVID 19 has claimed thousands of lives and millions are still affected by the virus. If these safety measures are not kept in places, then virus will keep on spreading and more lives would be lost.