

Coronavirus the Newly Emerged Virus an Alarming Concern

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Coronavirus was first time identified in the year 1961. The virus is having shape like solar corona so it was named as Coronaviridae. It is single-stranded RNA enveloped virus [1]. The SAR-CoV and MERS-CoV are the two strains causing infections; it causes severe acute respiratory infections and middle eastern respiratory infections. First time in the year 2003 total 8,000 peoples was infected, in the year 2012 total 1,000 peoples got infected, in 2015 nearly 9,000 peoples got infected according to World Health Organization (WHO) [2,3]. The death rate over these years is increasing as the virus was mutated and drug resistances causes the situation worse. The virus is continuously changing its nature in later part of the year 2019 the situation got worst in China, where it reappeared for the first time and it's spreading with tremendous speed through the world. In the year 2020 it becomes a global concern for the whole world, as it occupied most of the land on this Earth [4,5].

Researchers are still in a dilemma about the available strains of the virus or any new strain was developed among all these years is yet to be identified. The symptoms of the coronavirus are very similar to normal headache, body pain, cough and high fever as like in normal infections, which were cured by available marketed antiviral drugs. Therefore, for the human living on Earth it is difficult to judge between coronavirus or normal infections. The difficulty in respiration, diarrhea are the different things occurred in coronavirus. The infection persons results in pneumonia, which is very difficult to cure. It is a human-to-human transmission infection. The infection results in infection in respiratory track, hypertension, heart diseases and chronic pulmonary diseases, infections in lungs, kidney failure and death [6-8].

The basic precautions for avoiding the infection is stay alerted in crowded places, try to avoid crowded places, regular hand washings, covering nose and mouth when coughing and sneezing, Eat well cooked food, particularly non vegetarian food, try to avoid close contact with person showing coughing and sneezing and respiratory illness. If you are suffering from it then try to avoid contact with other close peoples and surroundings. Try to seek medical attention from local health authorities. Try to wash hands with alcohol-bases hand rubs. Maintain social distance of 1 meter; try to avoid touching hands to eyes, nose and mouth as hands can pick viruses easily. Researchers are currently working very fast to identify the cure for the coronavirus. We need to identify different combination of different heterocycles to produce novel or known compounds and to test them for the latest coronavirus strains [9-12]. It is an alarming concern we need to take precautions for our safety and safety of the humanity.

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