



# Management of SARS CoV-2 Pandemic: A fight where every Contribution Counts

**Zafar T\***

Department of Bioscience, Barkatullah University, India

**\*Corresponding author:** Tabassum Zafar, Department of Bioscience, Barkatullah University, Bhopal, Madhya Pradesh, 462026, India, Email: tztabassumzafar@gmail.com

## Editorial

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## Editorial

The emergence of novel beta-coronavirus SARS CoV-2 that assumed to emerged in 2019 turned out as the largest pandemic of recent times. The sporadic crossover of the interspecies virus SARS CoV-2 raised new clinical and socioeconomical challenges for the entire world. To overcome the SARS CoV-2 pandemic the worldwide researcher's community is united to explore the possible cutting-edge technology for identification of the infection, vaccines/drug production and preventive measures [1].

After almost more than a year, we reached at a point where sufficient identification methods and prevention strategies have been developed for the global population. However, the other demands including sufficient drugs and vaccine doses for each one of us without any discretion is still a challenging task in front of the global management authorities [2].

After the loss of a huge number of front-line workers and healthcare providers the immediate protection become a dire need of the hour. Vaccines are the safe, effective, and new critical tool in the battle against the pandemic. Vaccines are the intentional encounters to the immune system by preparing the immune memory for future encounter. This allows initiating a strong defensive response from the person when accidentally exposed to the SARS CoV-2 virus post vaccination. World health organization (WHO) has approved Emergency Use Listing (EULs) for many vaccines. The Pfizer vaccine (BNT162b2) is the first vaccine that has received approval of the WHO on 31 December 2020. Later in 2021, AstraZeneca/Oxford COVID-19 vaccine, manufactured by the Serum Institute of India and SKBio. Ad26.COVID-19, developed by Janssen (Johnson & Johnson) also received acceptance [3]. These vaccines will not result in a future positive PCR or

antigen laboratory test that states the vaccines do not elicit any active disease in recipient, although it is possible to get an antibody test positive if a recipient has produced sufficient antibodies due to immune pathway activation [4,5]. However, the safety evaluation of vaccines on pregnancy, gestation, lactation and various immune challenged conditions are still under investigation. Almost seven types of vaccines are available, and many other options are upcoming along with new drugs and improved facilities.

The time is not only tough for the covid patients only, but it also affects the society by making people emotionally panic and socioeconomically traumatized. The researcher's and scientific communities should motivate public to choose suitable vaccines and available treatment options at their possible capacities instead of ignoring the existing symptoms, which further possibly contribute to the spread of pandemic. Even though it seems to have no correlation with the scientific world but the global security in the critical situation affects the capabilities of research setup undoubtedly. The extreme pressure in which the members of scientific community are working worldwide to save the future of mankind is appreciable. It is the time where every single contribution matters. We must help the surrounding population to understand every possible solution available for prevention and treatment. We must counsel the mass population and contribute to develop their faith in the available scientific advancements available to control the pandemic.

Apart from doing research we carry a huge responsibility to translate the science for the people from non-scientific or less educational backgrounds. We must work together to build a strong belief of the population in the scientific approaches that are available at the larger fronts to deal

with the pandemic and save billions of lives from the deadly situation. Now the science needs to be closer to society in the critical time. Busting the myths and motivating the mass population to adopt proper scientific approach is a wonderful practice required to opt. I wish the readers and the researchers will understand the point raised in this communication and contribute their best to science and society in the times of hunger, instability, and pain.

The upcoming issue of the journal will welcome the submissions related to the COVID-19 and their prevention or treatment strategy. Hope, everyone among us will receive the crucial dose. Hope, everyone will remain strong enough to overcome the fight. Hope everyone among us will contribute a helping hand to the neighboring patient. Hope everyone among us will witness the glorious victory of the mankind over the deadly pandemic.

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