

Are we ready for next outbreak?

Editorial

The corona Virus outbreak which left the whole world in shocked state came in to significance on December 31, 2019. After declaration of COVID-19 as pandemic by WHO the whole world was brought to standstill. Every country was taking desperate steps to mitigate the effect of the Pandemic. Now we are reaching towards the end of year 2020 the level of panic, fear and anxiety among masses has reduced. Now people are waiting for the return of normalcy either by finding cure for virus or by developing vaccine or any other viable technique to eradicate/stop the spread of COVID-19. People all over the world, are eagerly waiting for arrival of vaccines, medicines, each one wondering when will this trauma end? But as per the recent surveys and reports from WHO it seems corona virus is going to stay with us for forever like common cold and influenza. We will have to learn to live with it and adjust oneself with the new normal. But the question is have we learned our lesson? Though in hard way but did the message hit us at the right place the answer I think is 'No', No we haven't learned our lesson. COVID-19 is not the last virus to become a pandemic. COVID-19 was also not the first one and it is also not going to be the last one. But it had a global impact and high mortality rate all over the world that is the only reason it received so much attention. But the human minds are very good at recovering and forgetting the dark memories. Soon we will adopt to new Normal and start living as always working hard to recover, rebuild economy. But are you sure that in 'Post fear pandemic times' periodic outbreaks of other viruses will not take place? SARS, MERS, Hendra H1N1 and King of all 'crowned' virus corona will not mutate and there will be no future outbreaks.

The answer is that though we know that there will be future outbreaks of various pathogens, but still we are not preparing ourselves for future outbreaks. Being an academician and also from teaching fraternity, it is our foremost duty to contribute in every possible way to make society ready for any possible future outbreak. The Medcrave online journal of applied Biome as and biomechanics is a very good platform to being out the research ideas and get international readership. This will help in getting reviews, comments and suggestion from peers, field experts and can lead to development of a Product, technology or solution that can help the society to be ready for any future attack of pathogens. The beauty of Medcrave online journal of applied Bionics and Biomechanics is that it covers all the aspects of Bionic Science and engineering including fundamental understandings of animals and plants for bionic engineering along with application of such understandings in engineering, technology and designs. Therefore, MOJABB can serve as very good platform for mitigating effects of 'Zoonosis', the diseases that are transmitted from animals to humans. The natural habitat of these pathogens (Bacteria, viral, parasite or any other unconventional agent) is animal body. But under certain conditions these pathogens are transmitted to human body. Corona Virus is also said to be Zoonosis which is generally found in 'bats'. So using MOJABB as a platform young researcher, scholars, academicians, scientists etc. can bring out their

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Kshitij Shinghal

Department of Electronics & Communication engineering, India

Correspondence: Kshitij Shinghal, Department of Electronics & Communication engineering, Moradabad Institute of Technology, India, Email kshingal@gmail.com**Received:** October 31, 2020 | **Published:** November 12, 2020

research ideas and can get published in from of research papers, review articles, short communications, case reports, mini reviews, opinion letter to editor etc. and can serve the society and human race by making society ready for future outbreaks.

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I have based this editorial on the materials collected from several webinars I've attended during pandemic. Some of this information is also featured in various tutorials available online. In addition, I have also consulted several web pages while writing this article. I would also like to thank Dr. Amit Saxena and Dr. Deepti Shinghal for their valuable support, without their help this article would have been impossible to complete.

Conclusion

Viruses, bacteria's Pathogens and deadly diseases like Ebola, Zeta Hendra, SARS, MERS and COVID-19 are lurking all around the world. It is the high time for all human kind to join hands and make efforts to be ready for next outbreak. It is by promoting scientific research, innovations, advancements in medical equipment's, technology to fight pandemics/epidemics, new ideas etc. the world can be ready to ready to save themselves from future outbreaks, only the preparedness can stop future shutdowns, lockdowns of the whole country, Deaths, Panics, Chaos due to deadly diseases. It is necessary that next time disease do not catch us completely by surprise rather the surprise is other way round. No one, No country, No person however rich, poor, wealthy, with good medical facility, doctor, health care systems or surveillance system is safe. Pandemics do not prejudice, there cold clutches treat everyone equally. Future preparedness, strong networking and mutual cooperation is the only solution to protect humankind.

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