

COVID...19 is it an agent for Bioterrorism?

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Abstract

Biological weapons are referred to as a weapon of mass destruction including chemical, nuclear and radiological Weapons as well. COVID-19 are an infectious disease caused by corona virus, which has recently been discovered. Before the epidemic started in Wuhan, China, in December 2019, this sort of new virus and disease was unknown. Chemical and radiation terrorist attacks are early signs of a bioterrorism threat. They have lodged a petition against China before the United Nations Human Rights Council (UNHRC) for suspected crimes against humanity by unleashing COVID-19 on the world, the London International Council of Jurists and all the Indian Bar Association. The complaint lodged against the People's Republic of China, the people's Liberation Army and the Virology Institute in Wuhan charged the novel COVID-19. The health crisis in Covid-19 reminds us that, unlike nuclear or chemical weapons

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Introduction

Biological weapons are a branch of a broader class of weapons called mass destruction weapons that also include chemical, nuclear, and radiological gun. The use of biological agents is a serious issue, and there is an growing risk of using these agents in a bioterrorist attack.¹

Corona viruses are broad family viruses that derive from animal or human diseases. COVID-19 is the infectious disease caused by corona virus that was most recently discovered. This newest virus and disease was unknown in December 2019, prior to the outburst in Wuhan, China.²

Francis Boyle is a professor of international law at the College of Law at the University Of Illinois. He introduced the U.S. domestic Biological Weapons Convention implementing law, known as the 1989 Biological Weapons Anti-Terrorism Act.

The causes of agricultural bioterrorism are that they can theoretically be used to manipulate the food supply. That includes toxin Clostridium botulinum, toxin Clostridium perfringens, the organisms Salmonella, and Escherichia coli O157:H7, Shigella, and B enterotoxin

Staphylococcal. Clostridium botulinum toxin is the one that is most harmful and will most likely be used in bioterrorism. Bioterrorism warning signs³

Bioterrorism Agent Categories are as follows

Class A: The high-priority agents which include organisms or toxins which pose the highest risk to the public and national security because: they easily spread high death rates, trigger public panic and social disruption. Category B: The second highest priority is these agents, because: moderately spread disease rates and low death rates. Class C: These third priority agents involve the advent of pat.⁴

According to an ET Prime story, a group of Chinese scientists in Canada is suspected of spying and deprived of access to the National Microbiology Laboratory of Canada (NML), which is considered to work on some of the most deadly pathogens.⁵

According Economic times of India Covid -19 is an experimental germ that mistakenly escaped a Chinese laboratory. In any case, the Chinese owe the world a huge apology for having so long kept a dark secret like Covid-19, making it too late for other nations to batten their hatches down. Covid-19 is the canary in the coal

mine that warns people against trying to exploit the destructive power of pathogens whose deadly presence⁶

For conspiracy theorists the Wuhan Institute was already the suspect. Novel coronavirus was already in discussion as a bio-weapon that escaped or permitted to escape from the lab. This gained more currency from reports of being expelled from a virology center in Canada by a Chinese scientist couple, which denied the connection between their disciplinary action and Covid-19 spread.⁷

The lack of preparedness for the ongoing COVID-19 pandemic showed how non-state actors could access deadly stresses to perpetrate a bioterrorist assault, Secretary-General of the United Nations, Antonio Guterres, notify the UN Security Council. “The vulnerabilities and lack of preparedness exposed by this pandemic provide a window on how a bioterrorist assault might unfold – and could increase its risk.

This involves researching the normal benefit of function that occurs in nature when viruses evolve or recombine and their potential for use in the delivery and production of drugs and vaccines. On the other hand, a bioweapon used by a non-state actor (i.e., a bioterrorist) may be a fully natural virus, although a malicious state would be likely to try a more efficient weapon via bioengineering.⁸

India is at risk from bioterrorism

Bioterrorism: Alertness in the health field. This analysis article provides us with an overview of bioterrorism, the agents used, and counteracting steps, with a related note on India’s current monitoring system scenario, laboratory response network, and preparedness need.⁹

India began educating its medical staff to deal with the eventualities of bioterrorism attacks as far back as in December 1998. Since ratifying the Biological and Toxin Weapons Convention of the United Nations in 1972, India has not initiated a Bioweapon Program. Defense Research and Development Establishment (DRDE) located at Gwalior in Madhya Pradesh. It is India’s go-to studies institution. The Hyderabad Institute of Preventive Medicine’s Biosafety Level 2 laboratory offers guidance in preparing the government for a

biological attack.

Two non-conventional, lethal threats to war threaten global stability. The chemical agents that terrorists produce. Toxic weapons used for killing dissidents at home and abroad by authoritarian governments; India said the effects of the COVID-19 pandemic underlined the need for international cooperation, including improving the World Health Organization’s institutional structure. India has been collaborating with other Convention countries to create a database that can play a significant role in resolving bio-threats and bio-emergencies. India also cited the rapidly spreading corona virus.¹⁰

The fight against bioterrorism

MoHFW and WHO deliberated on further strengthening and additional steps that can be taken to respond to COVID-19 in the country in a video-conference held on 15 April 2020. Dr Harsh Vardhan, Minister of Health and Family Welfare of the State, said in his address that the WHO Country Office for India worked closely with MoHFW on COVID-19 preparedness and response measures, including surveillance¹¹

In the United Nations Human Rights Council (UNHRC), the London-based International Council of Jurists and All India Bar Association have lodged a complaint against China for committing alleged crimes against humanity by unleashing COVID-19 on the world. The petition lodged against the People’s Republic of China, the People’s Liberation Army and the Virology Institute in Wuhan alleged the novel corona.¹²

At the U.S. President’s regular White House briefing on Wednesday, Fox News reporter John Roberts, asking Trump about the allegations, said, “Multiple sources inform Fox News today that the U.S. now has high confidence that while the corona virus is a naturally occurring virus, it emanated from a virology laboratory in Wuhan that an intern was infected because of poor safety procedures¹³

Conclusion: The health crisis in Covid-19 reminds us that, unlike nuclear or chemical weapons, biological weapons are exceedingly difficult to locate and identify in adequate time to react to. Covid-19 is the biological agent, or has inadvertently jumped the virus from the

Wuhan province bio research facility.

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