



Futurist Joint War Committee (FJWC)

Topic: Solvuria; addressing the challenge of developing effective vaccines against a new and emerging pathogens

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DESCRIPTION TO THE COMMITTEE

The Futuristic Joint War committee (FJWC) is an independent, non-government administrative organization, overseeing the operations of the JWO, while the Joint War Finance Committee was responsible for managing its financial matters and focused on securing contributions and financial support. This committee was established in the United States during World War II.

The FJWC is a crisis committee, a crisis committee was made to manage and lessen the effects of unforeseen catastrophes or disasters, these committees are frequently established by organizations, governments, or other groups, but this committee was specifically made to tackle the significant obstacles related to shipping coordination, countering U-boat threats, improving resource allocation, and facilitating the effective deployment of resources and personnel for the war, the Futuristic Joint War Committee (FJWC) was established. It played a central role in bolstering the United States' wartime endeavors and played a key part in the overall triumph of the Allied forces in the war.

This committee is very different from the other committees. This committee is influenced by decisions that delegates will have to take at the moment being influenced by the information that they will be getting, and by the solutions the delegates will have to come up with. Delegates must be focused throughout the whole debate in order to not miss critical and important information that could be useful throughout the debates. The Joint War Committee, which emphasizes the need for a comprehensive and coordinated approach to meet complex and multidimensional difficulties in the realm of joint warfare, is an essential component of contemporary military plans.

The committee uses the distinctive skills of each participating branch or nation to forge a cohesive and effective force. In order to assure the success of combined warfare actions, it is responsible for handling shared intelligence, facilitating close communication, organizing joint training programs, and establishing clear command structures.



INTRODUCTION TO THE TOPIC

Solvuria is a new and emerging pathogen that requires an effective vaccine as soon as possible. Solvuria is a virus that if it is not controlled and prevented it will affect the economy of the world and on the health of each person. Solvuria is causing a lot of damage to the world and our challenge is to create vaccines to control the new virus. This virus will cause a crisis in the near future and we need to find ways to prevent or solve this problem. Developing vaccines is not an easy task, this is why in this committee we are going to need collaboration from all of the Countries in order to create great and efficient solutions to prevent this crisis. Since this committee will be based mainly on emergency crises, delegates will have to learn and adapt to making quick and effective decisions.

BACKGROUND INFORMATION ON THE TOPIC

A vaccine is a substance used to create immunity to a particular disease or pathogen, typically prepared from an inactivated or weakened form of the virus or pathogen. Pathogenic organisms are of five main types, those types are viruses, bacteria, fungi, protozoa, and worms. Infectious agents can grow in various body compartments, as shown schematically in Fig. Pathogens can be deadly and can cause serious problems to the human body, the worst one being death. One thing all vaccines have in common is that they must be made under strict rules that require special facilities and a lot of testing for each step, a time consuming thing to be confident in the quality of the product.

CURRENT SITUATION OF THE TOPIC

Some background information on how vaccines work; vaccines contain tiny fragments of the disease-causing organism or the blueprints for making the little fragments. They also contain other ingredients to keep the vaccine safe and working. These ingredients are included in most vaccines and have been used for years in billions of doses of vaccine. Each vaccine component serves a specific purpose, and each ingredient is tested in the making process of the vaccine. All ingredients are tested for safety. All vaccines also contain both the starting point to create the active ingredient, or the antigen, which causes an immune response. The disease-causing organism's antigen may be a minor ingredient, such as a protein or sugar, or it may be the entire organism in weakened or inactive form.

INTERNATIONAL ACTION OF THE TOPIC

When a new virus emerges countries need to take action in order to protect the people in their country. For example when Covid 19 emerged all of the countries around the world



had to take action and implement different measures in order to help control and prevent the virus. There are different protocols that countries take when a new virus emerges for example in the USA when covid emerged they quickly got to work by developing new vaccines and implementing measures like Social distancing, wearing a face mask, etc. Countries usually take time to create vaccines that are efficient and safe for the people to use. In 2020 Countries

RECOMMENDATIONS FOR CREATING A RESOLUTION

Some recommendations for creating resolutions for this virus situation is to:

- Establish a task force, so basically form a diverse task force comprising professionals with expertise in various fields, including epidemiology, virology, healthcare, public policy, and emergency management.
- Coordination, so to guarantee a cohesive response, coordinate measures at all levels of government, including the federal, state/provincial, and local ones.
- Provide healthcare
- Make campaigns and charities
- Invest in research to understand the virus better, develop treatments, and improve testing and vaccination technologies.
- Carry out public awareness campaigns to inform people about the virus, how to prevent its spread, and the significance of getting vaccinated.

QUESTIONS TO CONSIDER (to create a resolution)

- What will happen in the case of a new virus creating?
- When and if a new virus is created, how will countries unite to create solutions?
- How will a vaccine for the new virus be created?
- If the new virus gets out of control, what will countries do to take action?
- Where is the new virus in a danger scale?
- How can people in the world help take action and help fight this new virus?
- What can the government do to help this problem?



•What can we do to prevent this problem from growing and becoming a world wide pandemic?

RESEARCH AID

Link to research how vaccines work in medicine:

.*Joint War Organisation* (2023) *Wikipedia*. Available at: https://en.wikipedia.org/wiki/Joint_War_Organisation (Accessed: 03 October 2023). Monday and published, O. (no date) *Article, Pfizer*. Available at: https://www.pfizer.com/news/articles/how_vaccines_work_immune_response_and_the_body_s_reaction#:~:text=Vaccines%20can%20train%20your%20body,the%20immune%20system%20to%20respond. (Accessed: 10 October 2023).

Link to research about how to be ready and take action for any new virus:

Joint War Organisation (2023) *Wikipedia*. Available at: https://en.wikipedia.org/wiki/Joint_War_Organisation (Accessed: 03 October 2023).

Monday and published, O. (no date) *Article, Pfizer*. Available at: https://www.pfizer.com/news/articles/how_vaccines_work_immune_response_and_the_body_s_reaction#:~:text=Vaccines%20can%20train%20your%20body,the%20immune%20system%20to%20respond. (Accessed: 10 October 2023).

Pandemics (no date) *Pandemics / Ready.gov*. Available at: <https://www.ready.gov/pandemic> (Accessed: 10 October 2023).

TERMS AND CONCEPTS

Pathogen: a bacterium, virus, or other microorganism that can cause disease.

Ineffectual virus: viral infections are illnesses you get from tiny organisms that use your cells to make more copies of themselves (viruses). Viral infections commonly cause respiratory and digestive illnesses, but viruses can also infect most other parts of your body.

Virology: the branch of science that deals with the study of viruses.

Protozoa: a phylum or group of phyla that comprises the single-celled microscopic animals, which include amoebas, flagellates, ciliates, sporozoans, and many other forms. They are now usually treated as a number of phyla belonging to the kingdom Protista.



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- Pirofski, L., & Casadevall, A. (2012, January 31). *Q&A: What is a pathogen? A question that begs the point - BMC biology*. BioMed Central. <https://bmcbiol.biomedcentral.com/articles/10.1186/1741-7007-10-6>