
An Idea To Create
A "Variant-proof"
Solution For
Respiratory
Enveloped
Viruses
Respiratory Syncytial
Virus (RSV)
Measles Virus
Coronavirus
Mumps Virus
Influenza (Flu) Virus
And
Others...
To
Inactivate
Viruses On
The
1st
Day
Of
Contact!
The Core
Logic Can Be
Made To Work
(See Q F R #4)
With Proof
Of Concept
A Possible
Respiratory
Multi-antiviral
Prevention Platform
By
Baron Lester

Please help get the following concept into clinical research.

Viruses evolve, but their weaknesses stay the same. Ethanol has long been in use for external neutralization. It is time we look at an internal application of that same logic.

By targeting the viral envelope rather than the shifting proteins, the following concept is how to create a "variant-proof" solution.

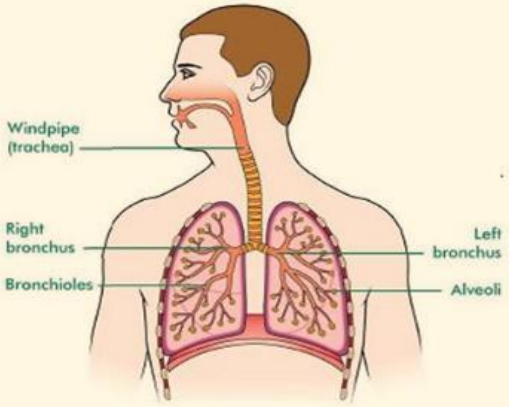
—Baron Lester

To neutralize respiratory enveloped viruses, and all upcoming variants on the 1st day of contact, do it proactively with an Ethanol Antiviral Inhaler!

The intended usage is to prevent the initial virus infection and to inhibit virus transmission.

A manufacturing process will place the ethanol into a pressurized container like those pictured below.

The Inhaler will send a fine mist spray containing a precise dosage of ethanol into the nose, mouth, windpipe, **airways, and the alveoli of the lungs**.



Ethanol will neutralize enveloped viruses!

Why Use Ethanol?

Ethanol is the only type of alcohol that humans can consume by mouth safely. Scientists must find the lowest ethanol concentration that will neutralize the virus and does not damage any airway tissues. Ethanol also has a high evaporation rate, especially in a warm, wind tunnel place, as the lungs. The high evaporation rate should ensure no fluid buildup to develop pneumonia.

Usage.

The Ethanol Antiviral Inhaler should be most effective **if used proactively.** Scientists must determine the dosage and if it can be administered two or more times safely per day.
Examples: At indoor events or any crowded place. After returning home from the same.

The Potential Pros.

1) The Ethanol Inhaler should protect you from the initial virus infection. Currently when there are new variants of the coronavirus, to combat them, the present vaccines may need modification, or booster shots may be required. Whereas ethanol treats **all variants** the same way. **It Just Inactivates Them!** When using the Ethanol Inhaler **proactively**, enveloped viruses, and variants could be neutralized **on the 1st Day of contact**, as opposed to being surprised you have contracted a virus several days later!

2) Most respiratory viruses rely on a lipid (fatty) envelope to protect their genetic material and "dock" with your cells. The Ethanol Antiviral Inhaler works by flash-disrupting this envelope on contact. Because this process is mechanical rather than biological, the virus cannot mutate. This may make the Ethanol Antiviral Inhaler, a truly **"variant-proof" solution**.

3) Rights to use intellectual property, the concept, can easily be arranged.

4) Ethanol Inhaler usage may be just as effective as, washing your hands, or using hand sanitizer. The real-world effectiveness could be robust as 99%.

5) When the COVID-19 vaccine shots are **no longer FREE**, the Ethanol Antiviral Inhaler could be cost-effective to manufacture, inexpensive to purchase, and would require no venue with staff to administer.

6) The Ethanol Inhaler may become a **Respiratory Multi-antiviral Prevention Platform**.

The Cons.

There are several essential things the scientists must do, including:
1) Custom-make a NEW pharmaceutical-grade ethanol formulation (Food-grade), that is “Tissue-friendly”. See Questions For Research, item #4.
2) Calibrate the ethanol concentration and the volume of spray, to ensure there is no damage to the airways, and alveolar tissues of the lungs.
3) Investigate ways to mitigate the risk of potential intoxication.

Questions For Research, But Are Not Limited To:

1) Are the current pharmaceutical-grade ethanol formulations (Food-grade) the optimal choice of ethanol to use for respiratory enveloped virus prevention?
2) If not, could a more appropriate consumable form of ethanol be identified?
3) Are the tissues of the throat and the tissues of the airways of the lungs **the same**?
4) **If any** of the above ***is no***, **can ethanol be custom-made with the goal to eliminate the risk of lung tissue damage**? For instance, one avenue of exploration could involve fermenting sugars found in starchy grains like corn, sorghum, and barley, as well as sugar in apple, sugar cane, and sugar beets. Starchy food sources, such as cassava, potato, sweet potato, banana, plantain, wheat, and rice, might also warrant consideration. Any liquid containing simple sugars like coconut water, can be directly fermented by yeast into ethanol. Also, any liquids containing starch like pasta water, can be fermented into ethanol after the starch is first converted into simple sugars by enzymes (saccharification). *[2]*
5) What is the **lowest** ethanol concentration, and the **lowest** ethanol volume of spray, that will inactivate respiratory enveloped viruses and ***not*** damage any airway or alveoli tissues?
6) Will the above **lowest** also mitigate the risk of possible intoxication?
7) What is the dosage and the number of pumps to dispense the dosage?
8) How many times per 24-hour day an ethanol dosage can safely be administered?
9) How would the Ethanol Inhaler interact with treatments for lung diseases?
10) If the Ethanol Inhaler ***is not*** used proactively (it is applied ***after*** a sign of a virus symptom), how effective will it be?
11) What are the side effects, and the risks? Are the benefits greater than its risks?

Please Note.

The type, brand, concentration, and effectiveness of ethanol, as well as the style and methods of inhalation, are not limited to what is proposed. The substances used in inhalers—whether natural, synthetic, denatured, wet, or dry—may vary depending on the intended purpose.

AI-generated derivative works is an Infringement.

While this document highlights the potential of ethanol inhalers for **COVID-19 prevention**, research suggests ethanol may also be effective against other **respiratory enveloped viruses**, including Respiratory Syncytial Virus (RSV), Influenza (Flu), Parainfluenza viruses (HPIVs), Metapneumovirus (HMPV), Measles virus, Mumps virus, **and others**.
Please refer to “Proof of Concept” item #6, **to guide your research**.

Summary.

This concept does not intend to take the place of a virus vaccine. The concept's purpose is to reduce respiratory viral infections, via an Ethanol Inhaler. With **proactive usage**, the Ethanol Antiviral Inhaler should:

1) **Prevent the initial respiratory enveloped virus infection**, and **inhibit virus transmission**.
2) Create a **"variant-proof" solution,** that stays effective as the virus evolves.
3) Give protection to those who choose **not to wear a mask** in medical facilities, on public transportation, at work, or **any crowded space**.

[1] The Hypotheses For This Concept Are:

1) It will not work, or it is not safe. [Equates to, no benefits or very high risks.]
[2] **2)** Can be made to work (see above Q F R #4) [Equates to, benefits are greater than risks.]
Reminder, a hypothesis is a supposition or proposed explanation based on ***Limited Evidence*** as a starting point for further investigation. Also, ***all*** drug medications have a ***Benefit-Risk Factor***.

ONLY clinical research will establish **ONE** of the above hypotheses, is a **FACT!**

This Idea Has Proof of Concept!

1) https://pmc.ncbi.nlm.nih.gov/articles/PMC10949138/
2) https://academic.oup.com/jid/article/228/12/1720/7103191
3) https://frontiersin.org/journals/medicine/articles/10.3389/fmed.2024.1324686/full
4) https://pmc.ncbi.nlm.nih.gov/articles/PMC9966500/
5) https://link.springer.com/article/10.1007/s40121-025-01157-8
6) https://www.oist.jp/news-center/news/2023/4/27/inhaled-ethanol-may-treat-respiratory-infections-and-stop-pandemics

For more Proof of Concept (limited evidence the concept is feasible), please research.

Key Words: 1) Respiratory Enveloped Viruses.
2) What are the Respiratory Enveloped Viruses that ethanol can neutralize.
3) "variant-proof"

If you are reading from printed paper, please scan the QR Code for web page access to this document - with all active links. You may also share the PDF document with colleagues, medical professionals, and researches.

Point Of Difference.

Please click the link below to watch a short video excerpt regarding:
Dr. Anthony Fauci's comments, "If you really want to protect a community..."
If the Ethanol Antiviral Inhaler is valid, would it be the ***Point Of Difference***?

What's Next?

With your help, after clinical research, if the benefits are greater than its risks, this concept will become a ***REALITY***!

Your Help.

To whoever may find the proposed concept of interest, my name is Baron Lester. I do not have a professional science or medical background. Nor do I have the means, the resources, or the know-how to validate my concept (**this document**).

The most exciting thing about the concept is, ethanol can be "Custom-Made" to work! Please analyze, "Questions For Research", Item #4. AI can be of great assistance with this.

Feel free to discuss the concept, its ***Proof of Concept,*** and Dr. Fauci's comments with your colleagues.

If the concept seems worthy of investigation, it would be admirable if you or your office would support and pass this PDF document to an appropriate place for research.

If the investigation substantiates the benefits are greater than the risks, I am open to all reasonable ways to move forward.

Thank you,

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