

# Review of: "[Viewpoint] Vaccination campaigns against Covid-19 may promote vaccine hesitancy toward mostly well-established, safe, and effective vaccines"

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Potential competing interests: No potential competing interests to declare.

## General

1. The manuscript has avoidable punctuation and grammatical errors.
2. Abbreviations must be defined in the manuscript upon first use.
3. The manuscript does not have proper paragraphing and should be re-arranged.

## Comments

1. Vaccines prevent infectious disease both in children and adults. The sentence should be rephrased.
2. The manuscript has four main topics. 1) Vaccine hesitancy, 2) Releasing of raw data and open debate 3) long term adverse effects of the COVID-19 vaccines and 4) Conspiracy theory.
  1. **Vaccine hesitancy:** Several factors affect on vaccine hesitancy, including: sociodemographic factors (ethnicity, age, sex, pregnancy, education, and employment), trust in health authorities and vaccines, lack of information or vaccine misinformation, the safety and efficacy of a new vaccine, personal responsibility and risk perceptions, etc. Therefore, the safety and efficacy of vaccines is one of the factors, but not all of it. In other words, it is impossible to prevent vaccine hesitancy only by evaluation of the adverse effects and efficacy of the COVID-19 vaccines.
  2. **Releasing of raw data and open debate:** There are several steps in the data analysis process, including: defining the question, data collection, data extraction, data cleaning and transforming, data visualization, statistical data analysis and conclusion. Considering all people are not expert in data analysis, releasing of raw data and open debate are not a good idea for the support of public health because scientist should give peace to the society, not to cause tension in the society. However, after completing the data analysis, open debate of experts in the field is a strategic solution to support public health.
  3. **Long term adverse effects of the COVID-19 vaccines:** Long term adverse effects of vaccines are critical issues of vaccination programs. We must never forget the Guillain-Barré syndrome following the influenza A (H1N1)/New Jersey/1976 vaccine in 1976 and an increased incidence of the narcolepsy in the aftermath of the A/California/7/2009 H1N1 influenza pandemic in 2009-2010. One of the strengths of this manuscript is to mention this important issue.
  4. **Conspiracy theory:** Conspiracy theory diverts thoughts from the truth and maybe the truth will be hidden forever in

these theories. Perhaps, knowingly or unknowingly, many of those who promote conspiracy theories are actually working for those who directly benefit from these theories to cover up the truth. Leader of “VIGILANCE” in “PERSON of INTEREST TV series” is a good unreal example.

**Conspiracy theory aspect:** The COVID-19 virus is man-made, designed and released to reduce the population of the planet and to collapse the economy for financial gain. The covid-19 vaccines are more deadly than preventive.

**Scientific aspect:** There are countless questions about the pandemic. From molecular biology viewpoint and to understand the virus's origin, behavior and structure, is observed additional or manipulated sequence in genome sequence analysis of COVID-19? What is exact relationship between Wuhan Institute of Virology (WIV) in China and National Institutes of Health (NIH) in the United States and why did NIH cancel federal funding to Wuhan laboratory for bat corona virus research project? Is leakage theory (accidentally release of COVID-19 from the laboratory in Wuhan) correct? If yes, who is responsible for the leakage? What is role of Chinese government in worldwide spread of the COVID-19? Who are benefited and benefits economically from the COVID-19 pandemic? Are efficacy, safety and quality of the COVID-19 vaccines evaluated by the national regulatory authorities (NRAs) of each country? If yes, what have been the results of the Vaccinovigilance of the COVID-19 vaccines especially for long term adverse events of the vaccines?

Instead of saying that Lee Harvey Oswald was working for the Central Intelligence Agency (CIA), let's investigate and muckrake who really planned, ordered and assassinated John F. Kennedy.

If the answers to these questions indicate the failure of big pharmaceutical companies, NRAs or even a government, legal pursuit at the national and international level will be necessary, not conspiracy theory. I appreciate the Public Health and Medical Professionals for Transparency (PHMPT) group for legal action against the Food and Drug Administration (FDA) for a lack of transparency and access to data on the monitoring of the COVID-19 vaccine trials and processes in the United States.

The manuscript addresses four very important issues of public health, and it deserves praise from this point of view. The authors of the manuscript have fulfilled not only their scientific duty but also their social duty towards society and public health.