Vaccine Information Session2

Tim Williams

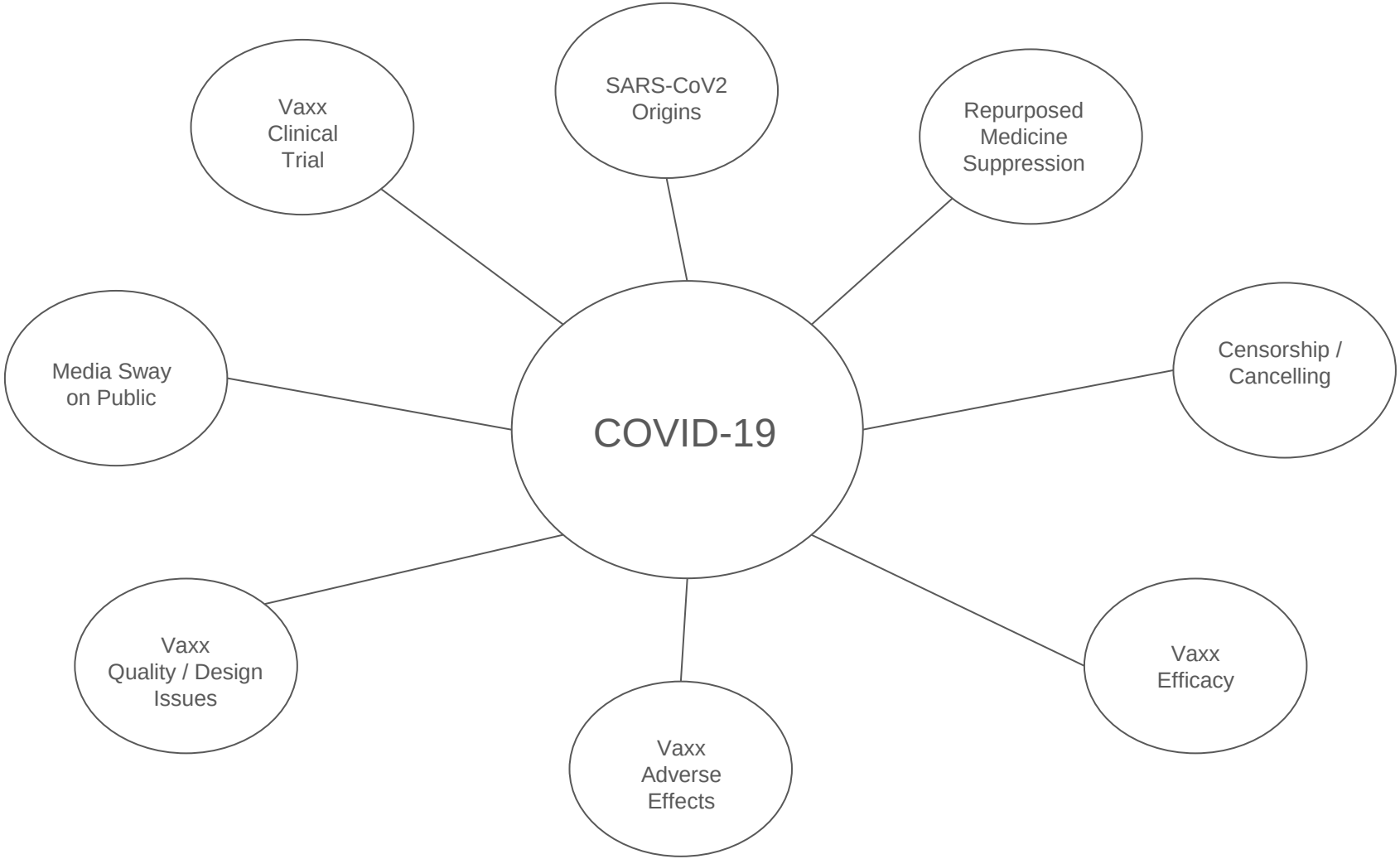
April 26th 2024

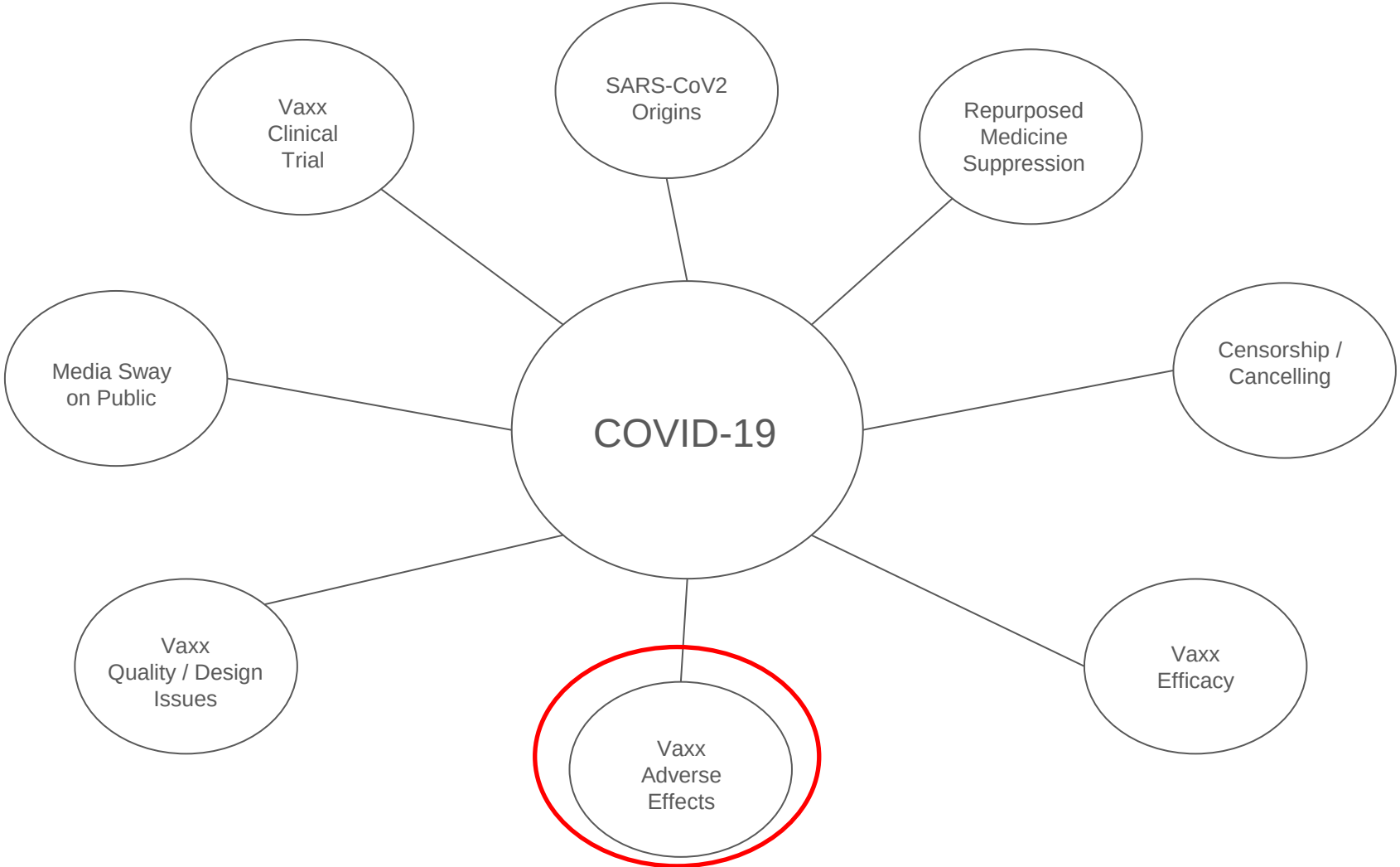
Disclaimer(s)

The views expressed here are my own and are neither representative of my employer, nor my church, nor any other person or entity.

Additionally this presentation and any discussion / Q&A to follow does not consitute medical advice I am not a physician and I would direct you to a trusted medical professional for such advice.

I have worked now for 14 years in the biotechnology industry mainly in R&D as well as now technical support—and have worked in those roles with teams such as Quality Assurance Regulatory Affairs and others within multiple companies.


COVID-19
Vaxx Clinical Trial
SARS-CoV2 Origins
Repurposed Medicine Suppression
Media Sway on Public
Censorship / Cancelling
Vaxx Quality / Design Issues
Vaxx Adverse Effects
Vaxx Efficacy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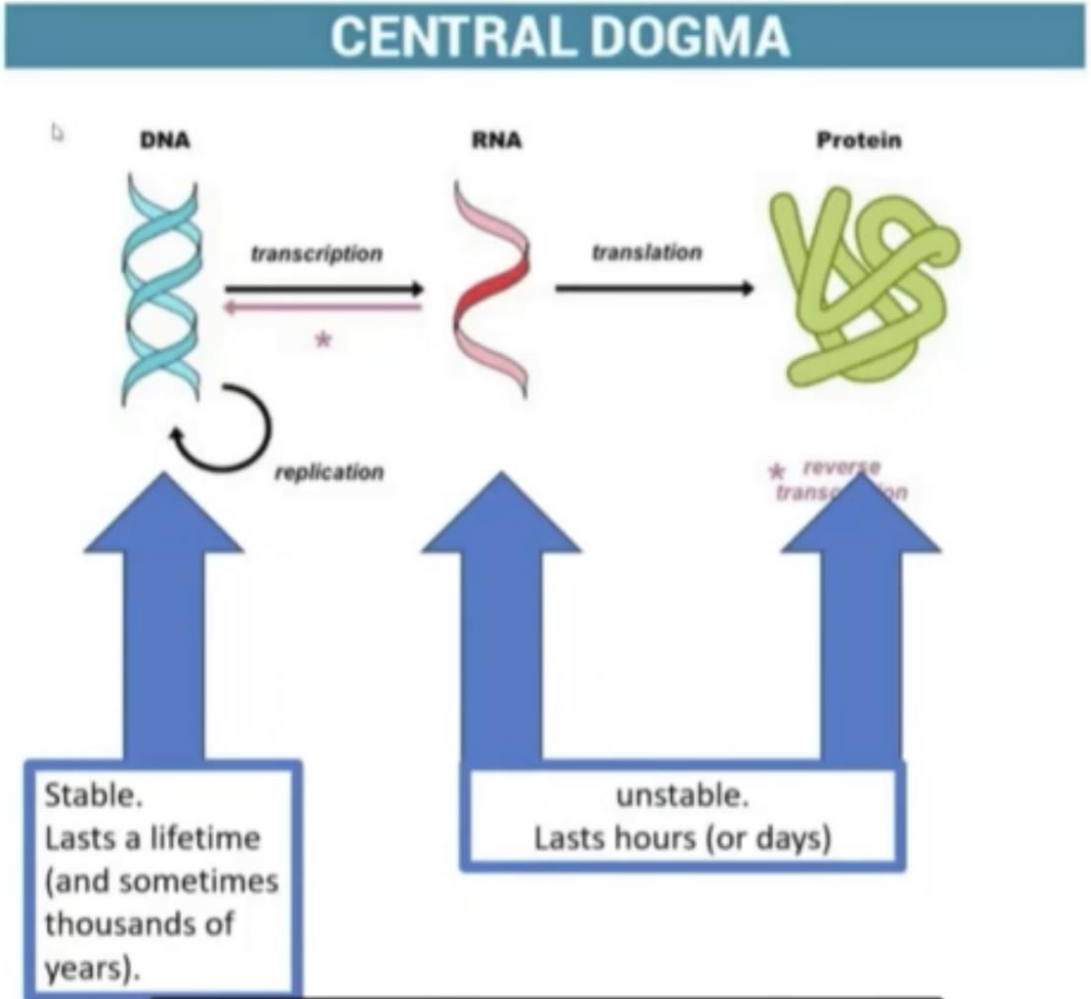
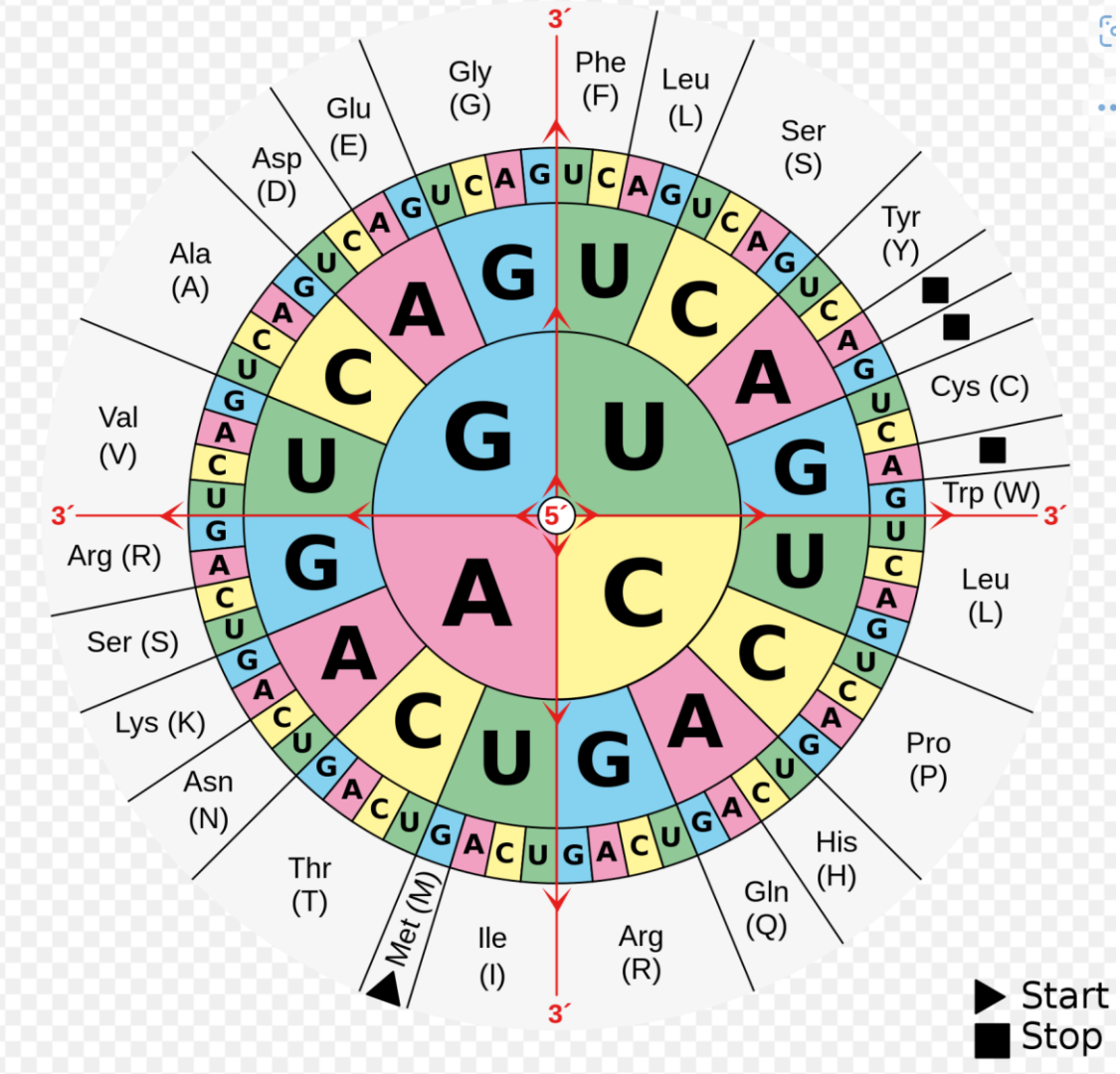
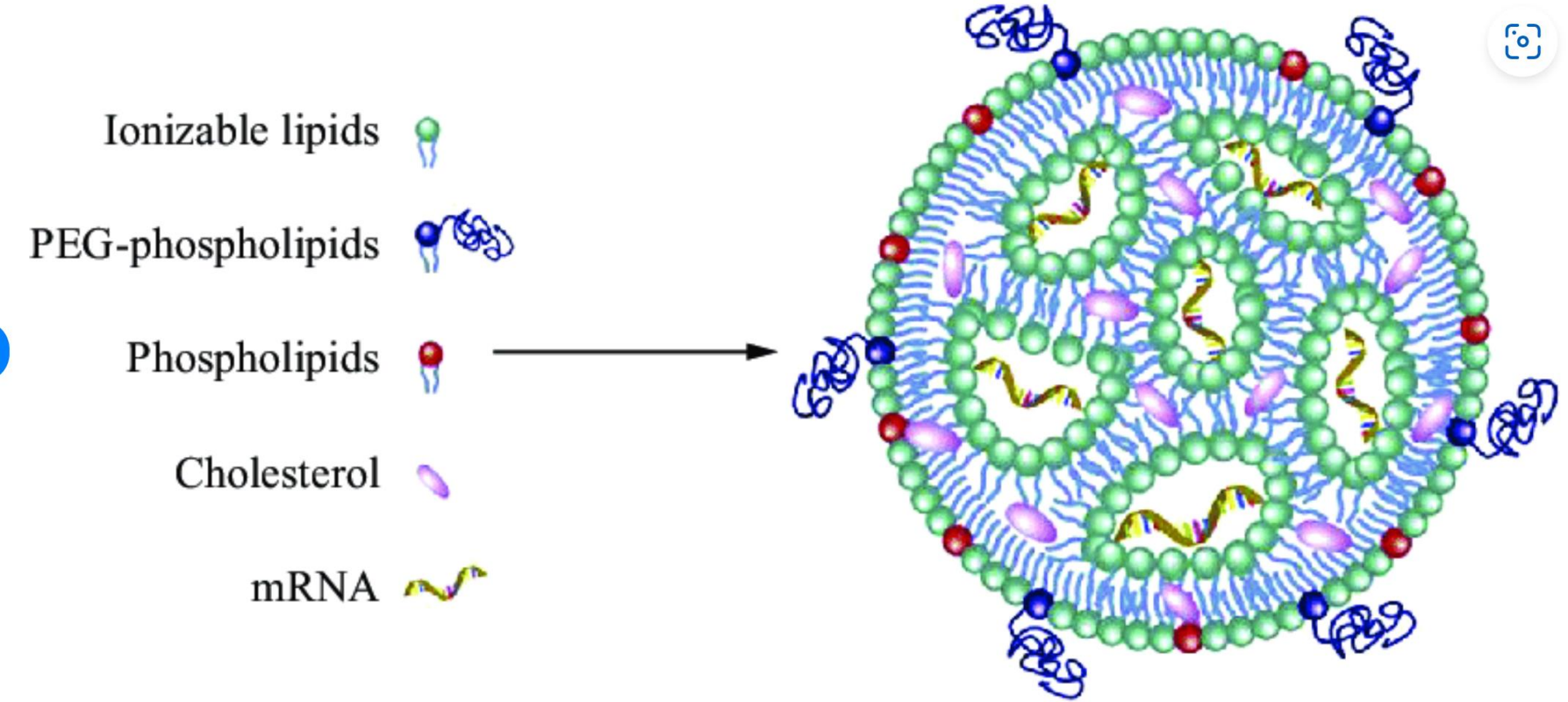
Starting Basics



Starting Basics: Codon Chart



Starting Basics: Design of mRNA Vaccine Products



Vaxx Design Issues

The Critical Contribution of Pseudouridine to mRNA COVID-19 Vaccines

Pedro Morais[1]* Hironori Adachi[2] Yi-Tao Yu[2]*

[1] ProQR Therapeutics, Leiden, Netherlands
[2] Department of Biochemistry and Biophysics, Center for RNA Biology, University of Rochester Medical Center, Rochester, NY, United States

Figure 2

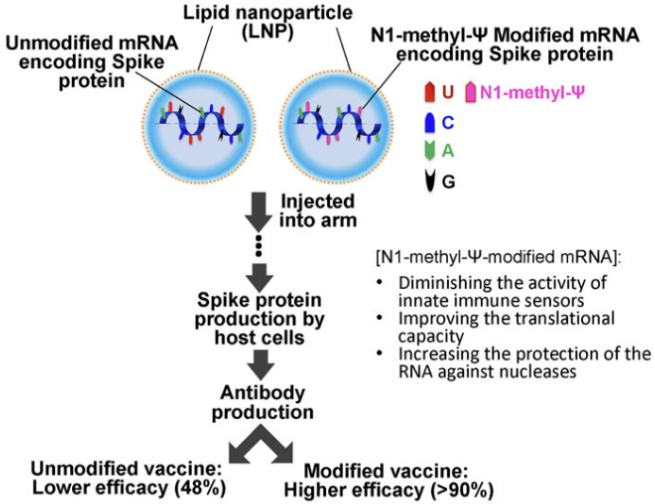


FIGURE 2. Schematics of SARS-COVID 19 mRNA vaccination. The vaccine consists of unmodified or N-methyl-Ψ-modified mRNA (encoding the SARS-COVID-19 spike protein) and lipid nanoparticles (LNPs). It is injected into the muscle of the upper arm to create an immune response. N-methyl-Ψ-modified mRNA exhibits higher efficacy (more than 90% of efficacy against COVID-19 symptoms) as compared to the unmodified mRNA vaccines (lower than 50%).

Vaxx Design Issues

The Critical Contribution of Pseudouridine to mRNA COVID-19 Vaccines

Pedro Morais[1]* Hironori Adachi[2] Yi-Tao Yu[2]*

Figure 1

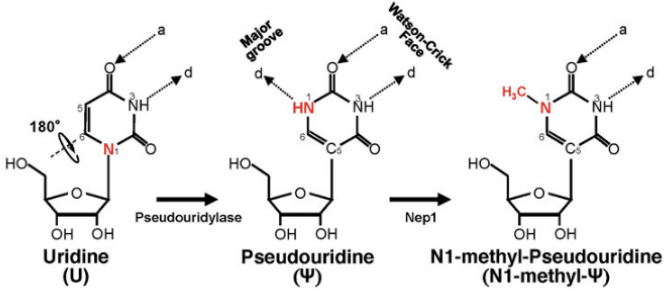


FIGURE 1. Schematic representation of U-to-Ψ isomerization and additional N1 methylation. Ψ is a rotational isomer of uridine, in which the N-C glycosidic bond is substituted with the C-C bond. The isomerization reaction also creates an extra hydrogen bond donor (-N1H). Ψ can be further methylated at the N1 position by Nep1 (an N1-specific Ψ methyltransferase) to generate N-methyl-Ψ. d, hydrogen bond donor; a, hydrogen bond acceptor.

Vaxx Adverse Effects: Cancer

Vaxx Adverse Effects: Cancer

Despite the suppression of information about the contents and mechanisms of the COVID-19 gene therapies, independent researchers have identified a substantial list of ‘vaccine’ ingredients and mechanisms that could potentially result in the development of cancer.

1. Immune System Suppression: The vaccines might alter immune checkpoints crucial for preventing cancer cells from growing. This could weaken the body's ability to detect and destroy cancer cells (Jiang, 2021; Loaker, 2023; Zhang & El-Deiry, 2024).
2. Carcinogenic Lipid Nanoparticles: The lipid nanoparticles themselves increase inflammation (Ndeupen, 2021) and contain substances that are likely carcinogenic and highly toxic (Rose, 2022).
3. Protein Interactions: The vaccine's components might interact with proteins that suppress tumors, like **p53 and BRCA** (1 and 2), which are vital for repairing DNA and controlling cell growth (Singh, 2020), (Zhang, 2024).

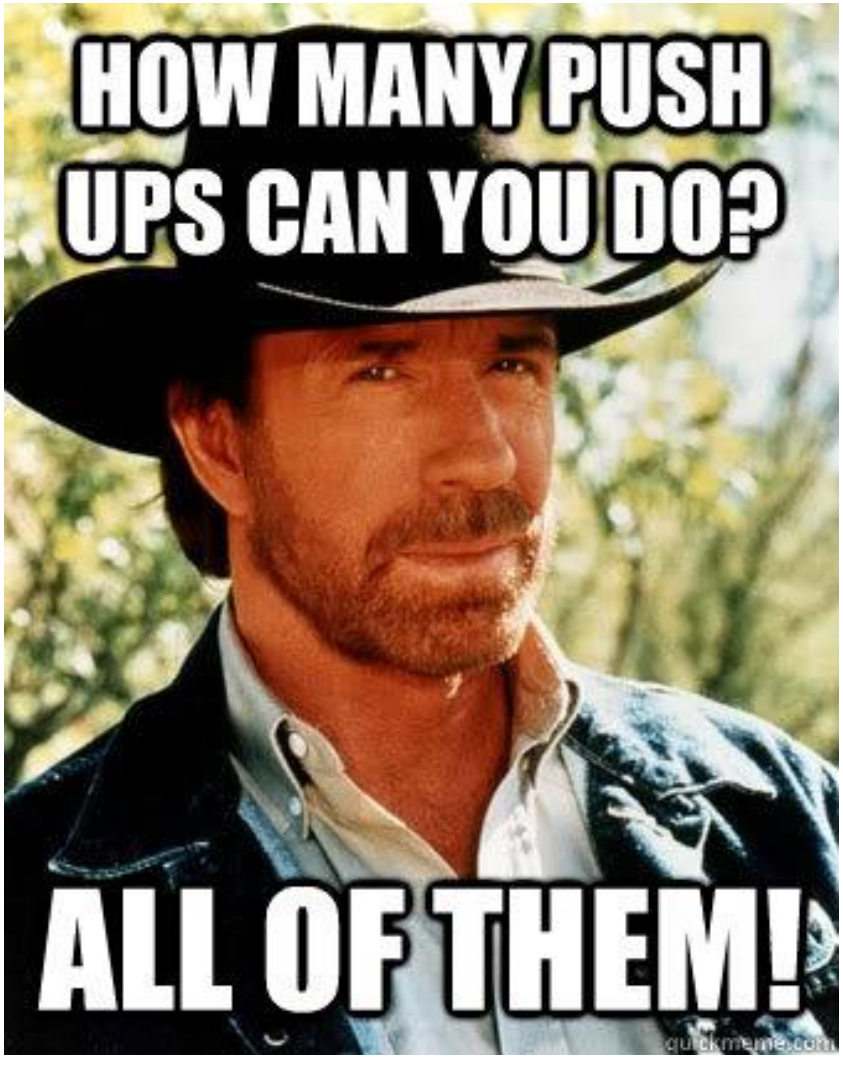
Vaxx Adverse Effects: Cancer

4. Cancerous Protein on the S-protein Subunit of the Vaccine: A cytokine (**TNFα**), in partnership with glycosylated CD147, conspires to create fertile soil for *de novo* and recurrent cancer (Chambers, 2023).
5. SARS-CoV-2 Vaccination and the Multi-Hit Hypothesis of Oncogenesis: COVID-19 vaccines may generate a specific environment that can lead to neoplastic transformation that predisposes some (stable) oncologic patients and survivors to cancer progression, recurrence, and metastasis (Angues, 2023).
6. Interference with Immune Signals: The vaccines could disrupt signals (**Type 1 Interferon**) that help the immune system respond to infections and abnormal cell growth, potentially affecting how the body fights tumors (Seneff, 2022).
7. 'Vaccine' Spike Binding to Estrogen Receptors: The increased mortality rates for these cancers might be caused by cell proliferation mediated by the binding of the spike protein to estrogen receptors (Gibo, 2024), (Solis, 2022).
8. Inflammatory Response: The spike protein in the vaccine might trigger the release of specific growth factors (TGF BETA) that could accelerate the progression of cellular changes from normal to cancerous states (Lai, 2021).

Vaxx Adverse Effects: Cancer

9. Concerns about Contamination: There are concerns about contamination of the ‘vaccines’ with DNA sequences that might integrate into the recipient's DNA, potentially leading to cancer. These sequences come from the manufacturing process and may pose significant risks. In the Pfizer vaccines, a tumor-promoting sequence named **SV 40** was found in all vials examined (Aldén, 2022; Buckhaults, 2023; Carbone, 2003; FDA, 2024; Gazdar, 2002; Lindsay, 2023; Mc Kernan, 2024; Speicher, 2023).
10. Antibody Composition: Repeated vaccinations might increase a type of antibody (**IgG4**) associated with a reduced immune response to cancer cells, potentially allowing tumors to evade the immune system more effectively (Wang, 2020).
11. Unusual Peptide Production: The vaccine might cause cellular machinery to misread genetic codes, leading to abnormal protein production, which could have unforeseen effects, including potential cancer risks (Mulroney, 2024).
12. Modification of Genetic Makeup: The nucleic acid base Uridine was replaced in both mRNA injections by **Pseudouridine**, which is a known carcinogen (Rubio-Casillas et al., 2024).

Vaxx Adverse Effects:
Background



How Many of the 801 Uracil bases were substituted with m1Ψ in the Pfizer vaccine?

All of them! (sadly)

Vaxx Adverse Effects: TLRs

Jessica Rose, PhD
01/12/23

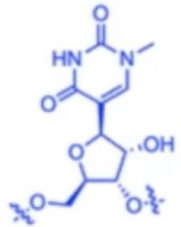
CHARACTERIZATION OF THE MODIFIED MRNA – REPLACING URIDINES

THE REPLACEMENT OF ALL THE URIDINES HAS UNKNOWN CONSEQUENCES – BOTH *IN VITRO* AND *IN VIVO*

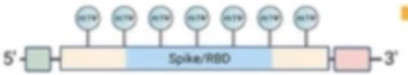
"Replacing uridine with m1Ψ demonstrates the steric incompatibility of the modified nucleobase with TLR7 binding and immune activation"*

"The 801 m1Ψs is not something the cell has ever seen before. m1Ψ is usually at 0.2-0.6% in human mRNA. The vaccine mRNA is 100% m1Ψ."

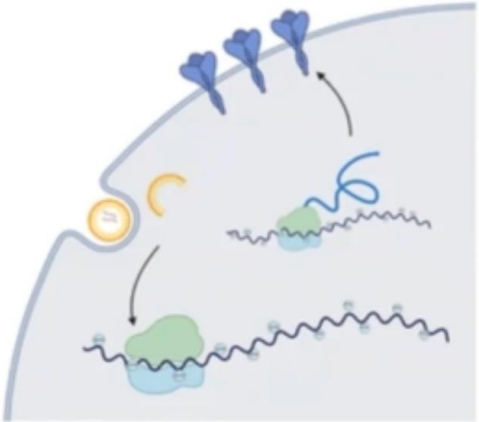
N1-methylpseudouridine (m1Ψ)



Synthetic messenger RNA



COVID-19 mRNA vaccine



*Kellie D. Nance and Jordan L. Meier. Modifications in an Emergency: The Role of N1-Methylpseudouridine in COVID-19 Vaccines. ACS Cent. Sci. 2021, 7, 5, 748−756. Publication Date:April 6, 2021. https://doi.org/10.1021/acscentsci.1c00197

https://anandamide.substack.com/p/dna-rna-hybrids-r-loops-and-nuclease

Vaxx Adverse Effects: TLRs

https://www.ukcolumn.org/article/stabilising-the-code

The body possesses two broad parts to its immune system: innate and specific. The innate is the first to go into action against foreign invaders, including foreign mRNA from a vaccine.

How does that simple removal of one letter of code from mRNA achieve that?

It does so by affecting Toll Like Receptors (TLR): the alarm signal of the Innate Immune System.

The key TLRs affected are TLR 3, TLR 7 and TLR 8. They act as sentries, whose job is to recognise foreign invaders by way of their form or patterns; a bit like an aircraft spotter in World War II. If the wrong type of shape is recognised in the sky then alarm bells sound and anti-aircraft fire kicks in. In the case of TLRs, the immune system gets activated.

What if you could by-pass those spotters? No alarms, no immune system response; and your payload, foreign mRNA in this example, gets through safely. Then your drug/vaccine has a much greater chance of working.

At that point in the original experiments to discover how to *turn off* toll-like receptors (and subsequently in the design of the vaccines), the question should have been asked: *but what would be the consequences of switching off that important early warning system?*

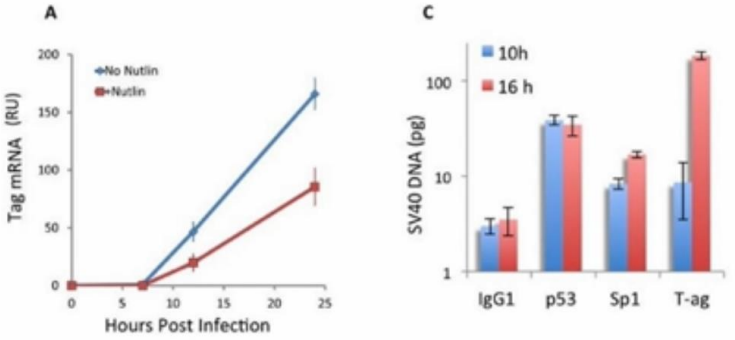
Vaxx Adverse Effects: p53

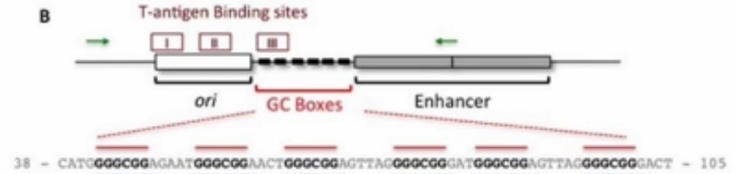
SV40 Promoter Binds to p53 Tumor Suppressor gene

Figure 7

p53 binds to the SV40 early promoter, correlating with a decrease in T-ag mRNA

A. CV-1 cells, with or without 16 hours Nutlin3 pre-treatment, were infected with SV40 and the level of T-ag mRNA, represented as relative units, was measured by quantitative RT-PCR at the indicated time-points, with HPRT RNA as an internal standard. Note that the T-ag protein is seen at 9 hours post infection (Figure S4). The results shown are mean ± S.E. of 5 independent experiments. For the statistical analysis, we compared the area under the curves and found that it was significantly lower in Nutlin3 treated cells compared to untreated cells (680±50 AU vs. 1400±142 AU, respectively. *p*-value = 0.004). **B.** Diagram of the regulatory region of the SV40 genome presenting the ori - origin of replication, the GC-boxes and the Enhancer, composed of duplicated 72 bp. The 3 T-ag binding sites are shown on top, and DNA sequence of the GC-boxes with the overlapping Sp1 (red) and p53 (Blue) binding sites below (http://alggen.lsi.upc.es/cgi-bin/promo_v3/promo/promoinit.cgi?dirDB=TF_8.3). The green arrows designate the location of the PCR primers used in the ChIP experiments. **C.** Binding of Sp1, p53 and T-ag to SV40 DNA *in vivo* was determined by ChIP at the indicated time points. DNA recovered from the immune precipitate was quantified by PCR with SV40 DNA as an internal standard. Results are mean ± S.E. of 3 independent experiments.





Vaxx Adverse Effects: p53

Oncotarget. 2016 Aug 16; 7(33): 52643–52660.
Published online 2016 Jul 21. doi: 10.18632/oncotarget.10769
PMCID: PMC5288138
PMID: 27462916

p53 elevation in human cells halt SV40 infection by inhibiting T-ag expression

Nir Drayman,[1,4] Orly Ben-nun-Shaul,[1] Veronika Butin-Israeli,[1] Rohit Srivastava,[1] Ariel M. Rubinstein,[1] Caroline S. Mock,[2] Ela Elyada,[3] Yinon Ben-Neriah,[3] Galit Lahav,[2] and Ariella Oppenheim[1]

Journal Article

Associated Data

▸ **Supplementary Materials**

Abstract

Go to: ▸

SV40 large T-antigen (T-ag) has been known for decades to inactivate the tumor suppressor p53 by sequestration and additional mechanisms. Our present study revealed that the struggle between p53 and T-ag begins very early in the infection cycle. We found that p53 is activated

Journal

Vaxx Adverse Effects: p53

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5288138/?utm_source=substack&utm_medium=email

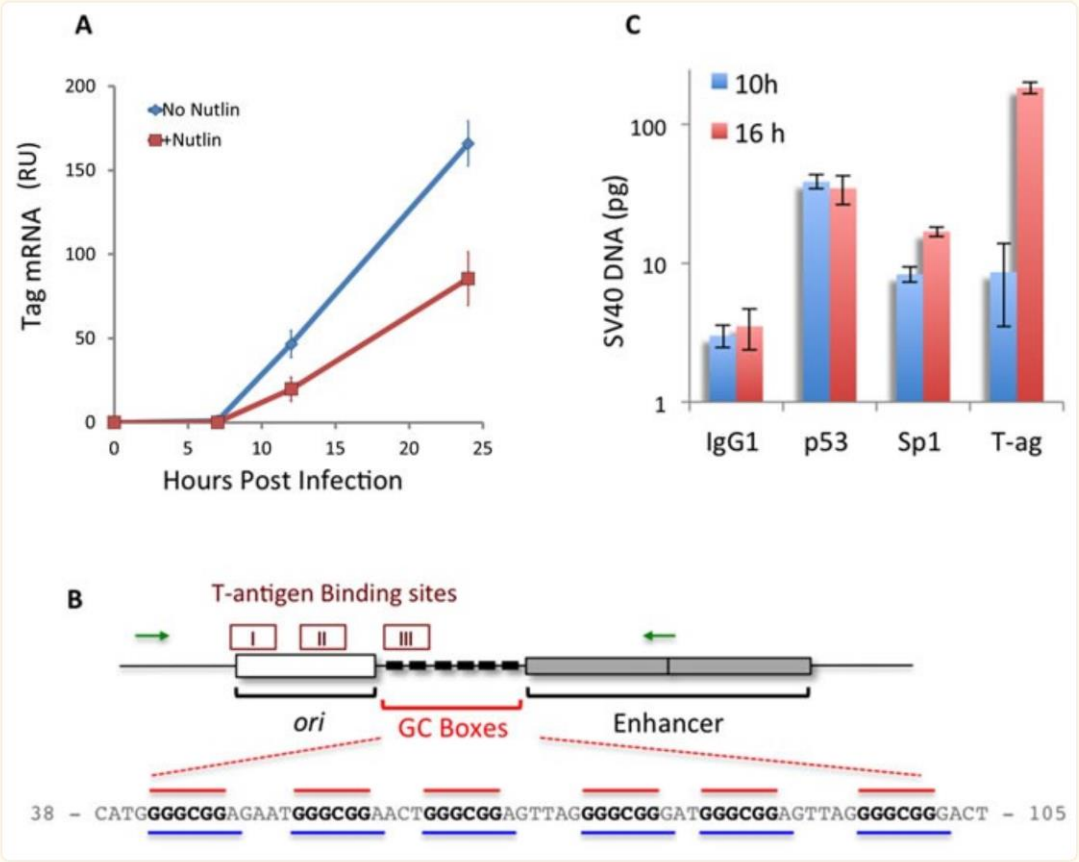


Figure 7

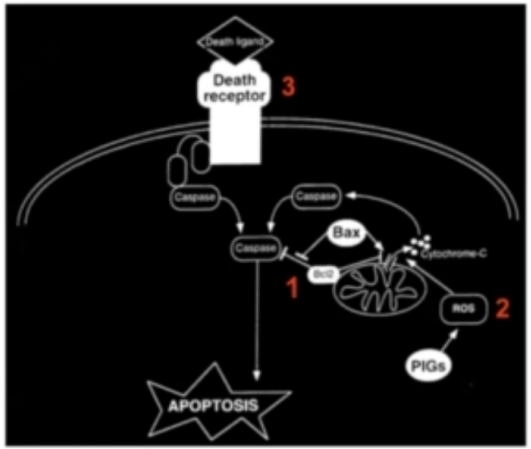
p53 binds to the SV40 early promoter, correlating with a decrease in T-ag mRNA

Vaxx Adverse Effects: p53

Jessica Rose, PhD

01/12/23

GENES INVOLVED IN PREVENTING CANCER



When p53 detects irreparable damageto the cell it induces apoptosis

How does p53 induce apoptosis?

3 Possible Ways:

1. Binds to Bax protein p53 binding site = cytochrome c released from mitocondria
2. p53-induced genes (PIGs) activate an increase in reactive oxygen species (ROS) = damage to the mitochondria
3. Over expression of Fas, that is p53 dependent = caspase activation

https://www.mun.ca/biology/scarr/p53_and_apoptosis.htm

Vaxx Adverse Effects: p53

Cancer?

We are always Cancering. When the mutagenesis outpaces the immune system, you begin to notice it.

The 3 hit hypothesis

1)Increased mutagenesis with dsDNA contamination

2)Chronic insult to the Innate immune system from modRNA vax.

N1-methyl-pseudouridine, Lymphocytopenia, neutropenia, IgG4

3)Inhibition of p53 and BRCA1 (guardians of the genome)

Vaxx Adverse Effects:
p53

viruses

MDPI

Article

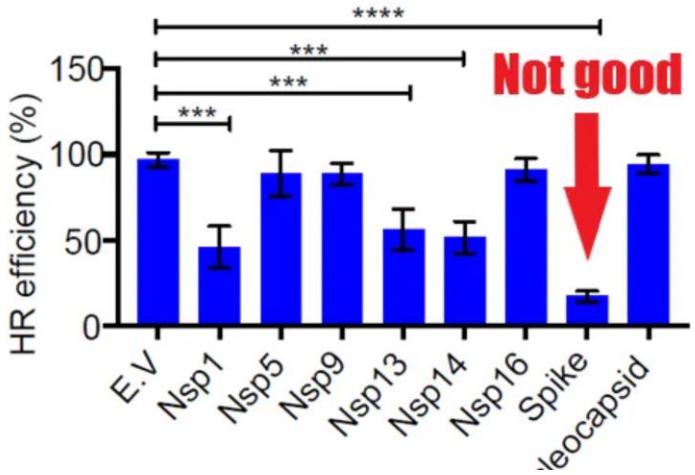
SARS–CoV–2 Spike Impairs DNA Damage Repair and Inhibits V(D)J Recombination In Vitro

Hui Jiang [1,2,*] and Ya-Fang Mei [2,*]

[1] Department of Molecular Biosciences, The Wenner–Gren Institute, Stockholm University, SE-10691 Stockholm, Sweden
[2] Department of Clinical Microbiology, Virology, Umeå University, SE-90185 Umeå, Sweden
* Correspondence: hui.jiang@su.se (H.J.); ya-fang.mei@umu.se (Y.-F.M.)

Vaxx Adverse Effects: p53

What did they find? Well, unfortunately something really important. That is, of all the proteins produced by the SARS-CoV-2 virus, one of them - the spike protein - obliterated the DNA repair mechanism in lymphocytes. Yeah, that's really bad. Here is the graph from the paper showing the level of "HR efficiency" (i.e. homologous repair efficiency, i.e. the ability of the cell to repair DNA) seen with the different proteins of the virus. The spike protein was so toxic to this pathway that it knocked 90% of it out. This is an environment that is almost guaranteed to cause cancer.



Vaxx Adverse Effects: p53

Jiang & Mei paper retracted, read full story here:

Welcome to Gilead - by Dr Ah Kahn Syed - Arkmedic's blog

SARS-CoV-2 spike S2 subunit inhibits p53 activation of p21(WAF1), TRAIL Death Receptor DR5 and MDM2 proteins in cancer cells

Shengliang Zhang[1-4], Wafik S. El-Deiry[1-5,*]

1. Laboratory of Translational Oncology and Experimental Cancer Therapeutics, Warren Alpert Medical School, Brown University, Providence, Rhode Island, USA

2. Department of Pathology and Laboratory Medicine, Warren Alpert Medical School, Brown University, Providence, Rhode Island, USA

3. Joint Program in Cancer Biology, Lifespan Health System and Brown University, Providence, Rhode Island, USA

4. Legorreta Cancer Center at Brown University, Providence, Rhode Island, USA

5. Hematology/Oncology Division, Department of Medicine, Lifespan Health System and Brown University, Providence, Rhode Island, USA

Vaxx Adverse Effects: IgG4

Vaxx Adverse Effects: IgG4

Open access Original research

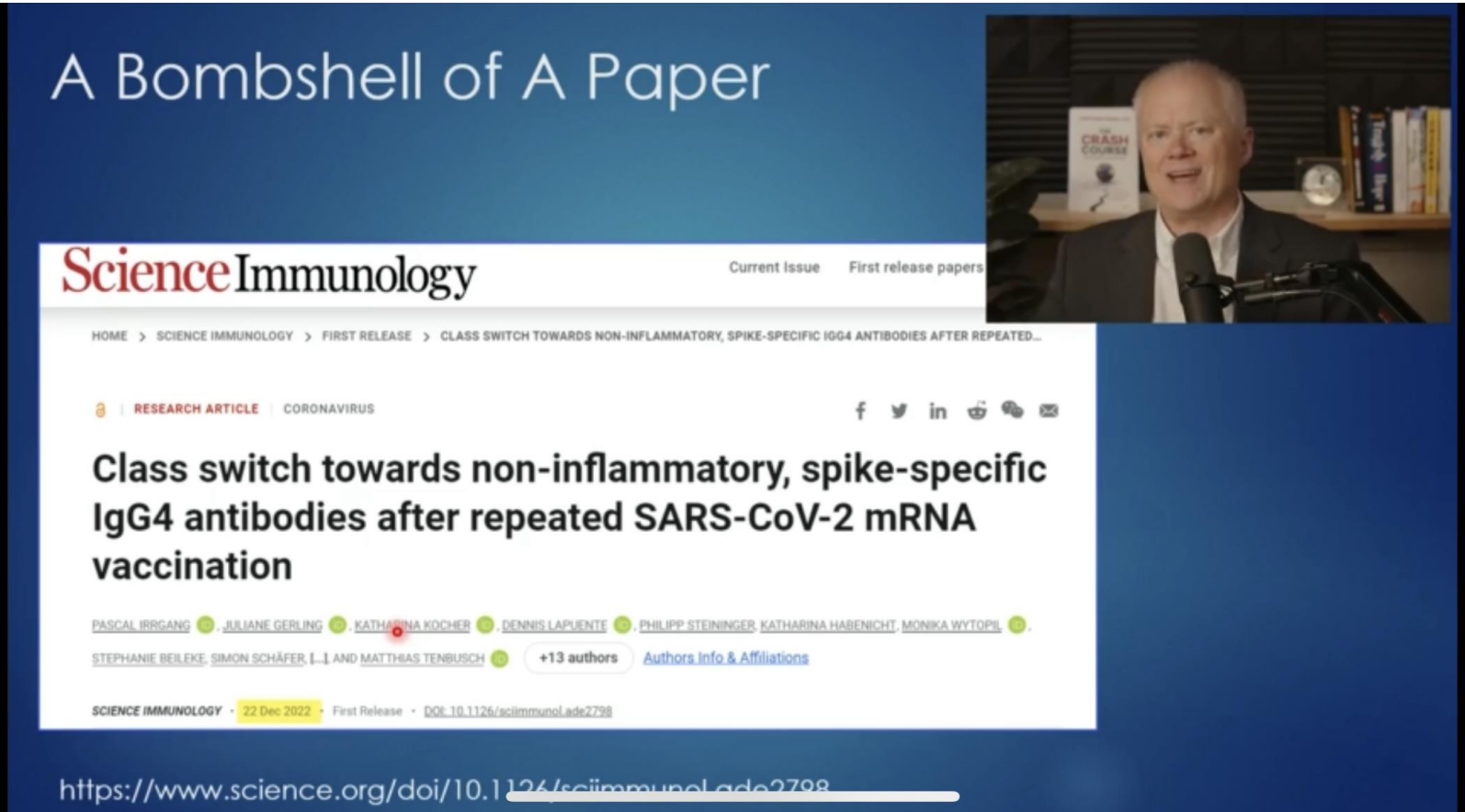
Journal for ImmunoTherapy of Cancer

An immune evasion mechanism with IgG4 playing an essential role in cancer and implication for immunotherapy

Hui Wang,[1] Qian Xu,[1] Chanyuan Zhao,[1] Ziqi Zhu,[1] Xiaoqing Zhu,[1] Junjie Zhou,[1] Shuming Zhang,[1] Tiqun Yang,[1] Biying Zhang,[1] Jun Li,[1] Meiling Yan,[1] Renming Liu,[1] Changchun Ma,[2] Yan Quan,[1] Yongqu Zhang,[3] Weifeng Zhang,[1] Yiqun Geng,[1] Chuangzhen Chen,[2] Shaobin Chen,[4] Ditian Liu,[4] Yuping Chen,[4] Dongping Tian,[1] Min Su,[1] Xueling Chen,[1] Jiang Gu [1,5]

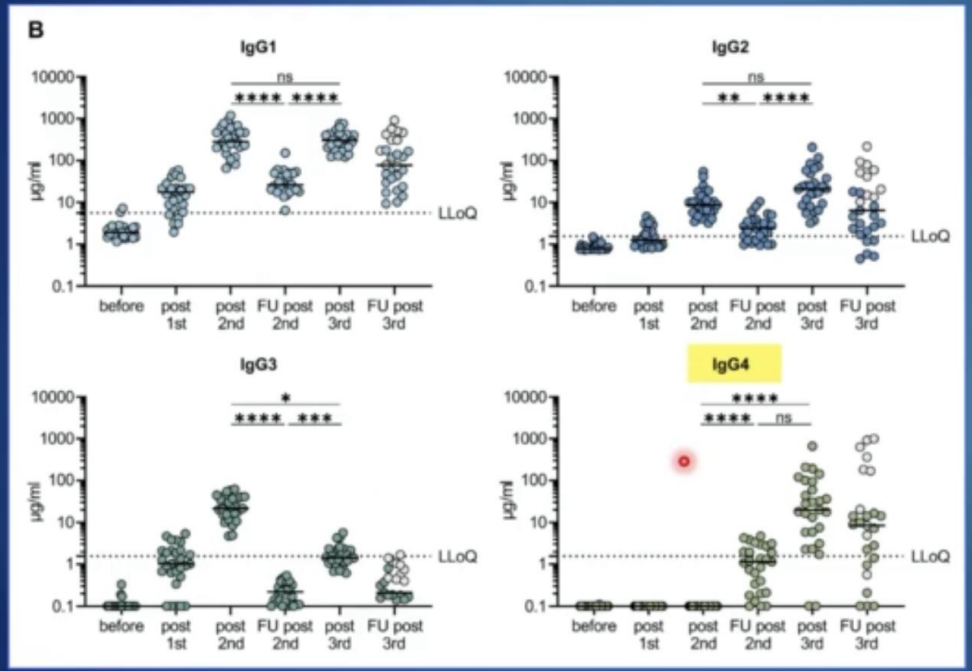
J Immunother Cancer: first published as 10.1136

Vaxx Adverse Effects: IgG4



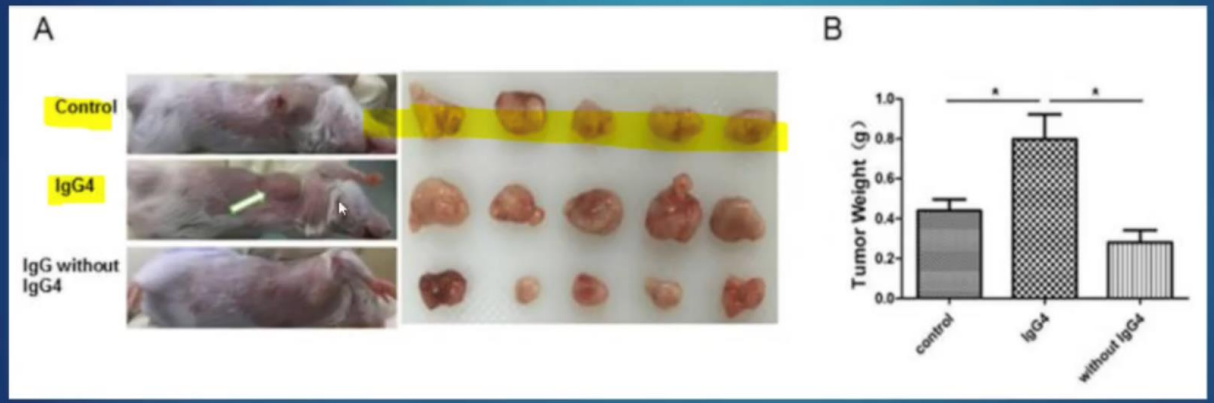
Vaxx Adverse Effects: IgG4

Massive Increase in IgG4



Vaxx Adverse Effects: IgG4

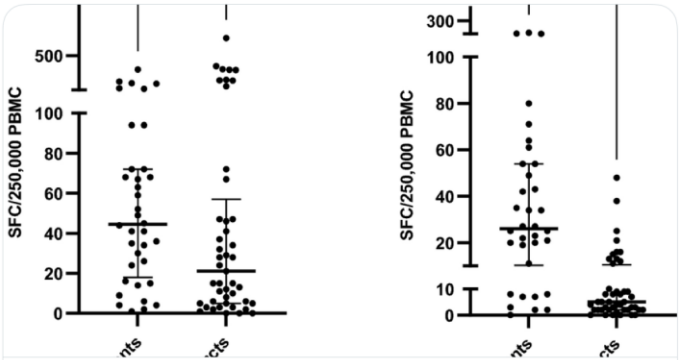
More Aggressive Cancers In Mouse Models w/ IgG4



Vaxx Adverse Effects: T-cell exhaustion

Dr. Syed Haider 
@DrSyedHaider

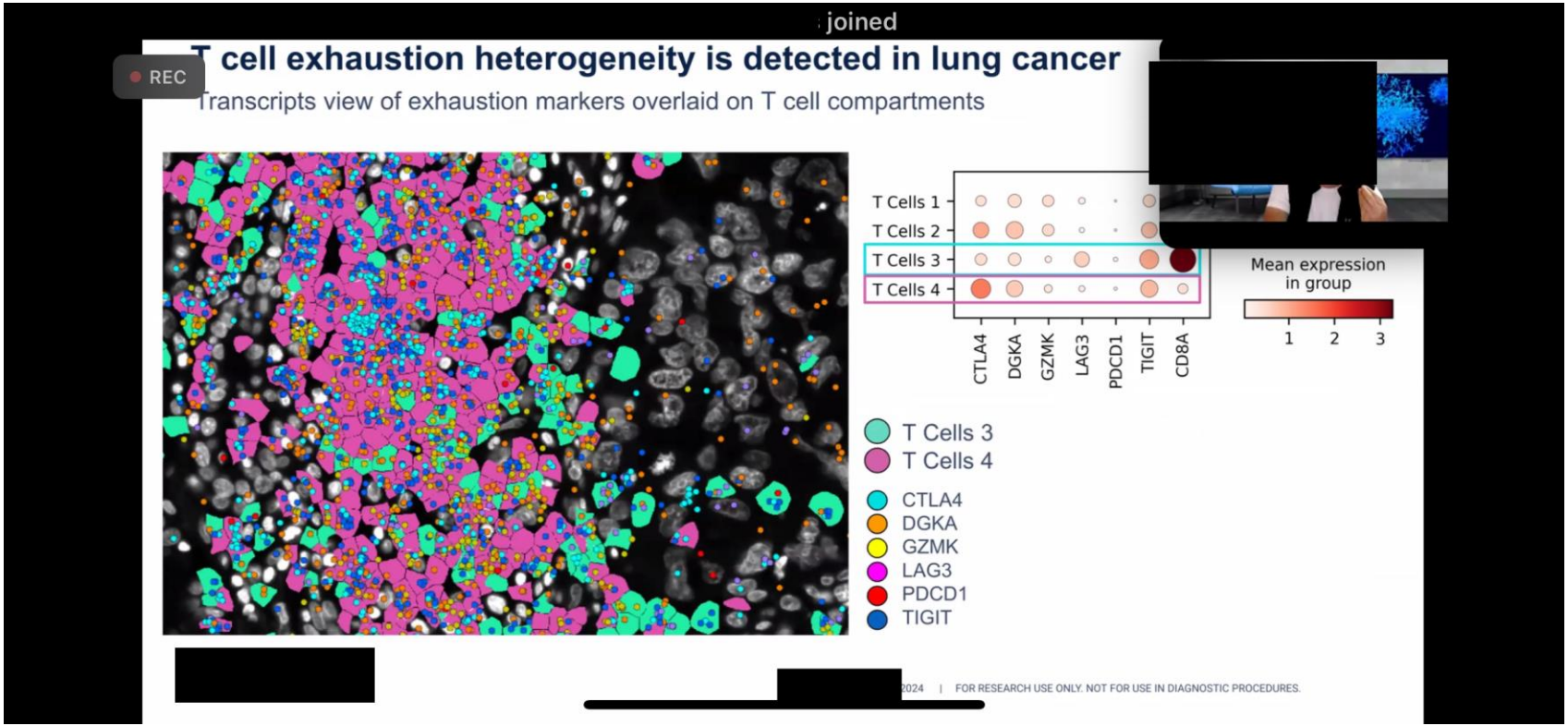
"Interestingly, the T-cell response decreased soon after a booster dose of vaccine ... when designing vaccine strategies, T-cell exhaustion after multiple vaccinations should be considered."



nature.com
Hybrid and herd immunity 6 months after SARS-CoV-2 exposure among individuals from a comm...

7:44 AM · 1/30/23

Vaxx Adverse Effects:
T-cell exhaustion



Vaxx Adverse Effects: Lymphoma

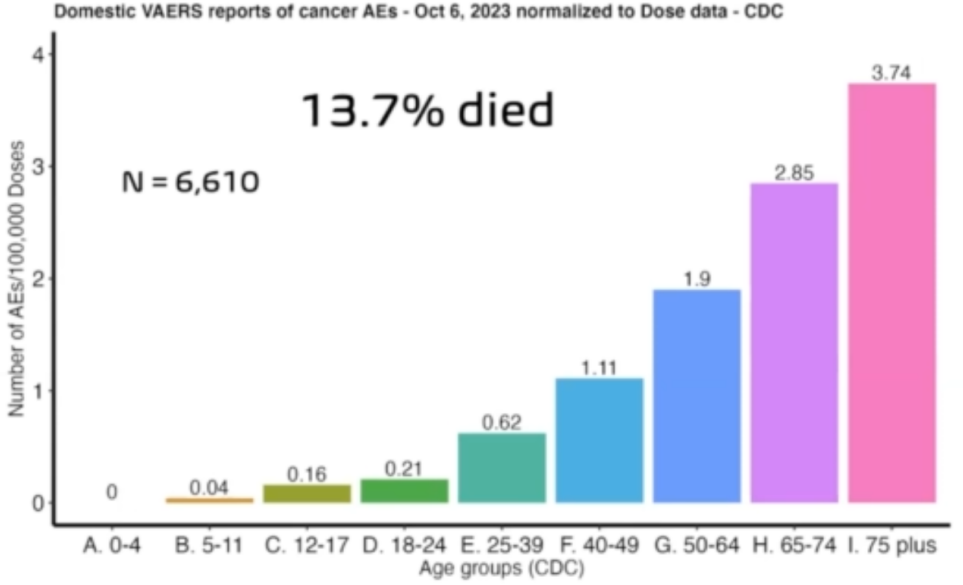
Jessica Rose, PhD
01/12/23

VAERS REPORTS OF CANCER

PHARMACOVIGILANCE SAFETY SIGNAL FOR CANCER

- N = 6,610 reports of cancer in VAERS
- Top 10 cancer MedDRA codes reported

1. Neoplasm malignant
2. Breast cancer
3. Lymphoma
4. Breast cancer female
5. Pancreatic carcinoma
6. Prostate cancer
7. Neoplasm
8. Bladder cancer
9. Lung neoplasm malignant
10. Acute myeloid leukaemia



Domestic data SYMPTOM queried using keywords "cancer", "tumor", "leukaemia", "malignant", "metastases", "melanoma", "Neoplasm"; https://vaers.hhs.gov

Vaxx Adverse Effects: m1Ψ

International Journal of Biological Macromolecules 267 (2024) 131427

Contents lists available at ScienceDirect

International Journal of Biological Macromolecules

journal homepage: www.elsevier.com/locate/ijbiomac

Review

Review: N1-methyl-pseudouridine (m1Ψ): Friend or foe of cancer?

Alberto Rubio-Casillas [a,b,***], David Cowley [c], Mikolaj Raszek [d], Vladimir N. Uversky [e,f,*], Elrashdy M. Redwan [g,h,**]

Vaxx Adverse Effects: m1Ψ

Using the ovalbumin antigen (OVA) mRNA-LNP platform, researchers examined the impacts of various m1Ψ percentages integrated into mRNA on the immunogenicity and anti-cancer effects in a B16 murine melanoma model [35]. They showed that OVA expressing mRNA encapsulated into a LNP (OVA-LNP) significantly increased the IFN-I synthesis and the developmental process of DCs, and that these effects were negatively correlated with rising percentages of m1Ψ modification, that is, the higher the percentage of modification with m1Ψ, the lower the production of IFN-I. More significantly, non-modified OVA-LNP dramatically decreased tumor expansion and increased survival in the B16-OVA murine melanoma model. In contrast, OVA-LNP with m1Ψ modification increased tumor growth and decreased survival. Specifically, all of the animals that were injected with OVA-LNP that had not been modified survived until the end of the 31-day experiment, whereas only half of the animals that were given OVA-LNP with a 100 % m1Ψ modification survived [35].The Programmed Cell Death protein 1 (PD-1) exhaustion indicator on the T cells of vaccinated animals was also

Vaxx Adverse Effects: Population-level

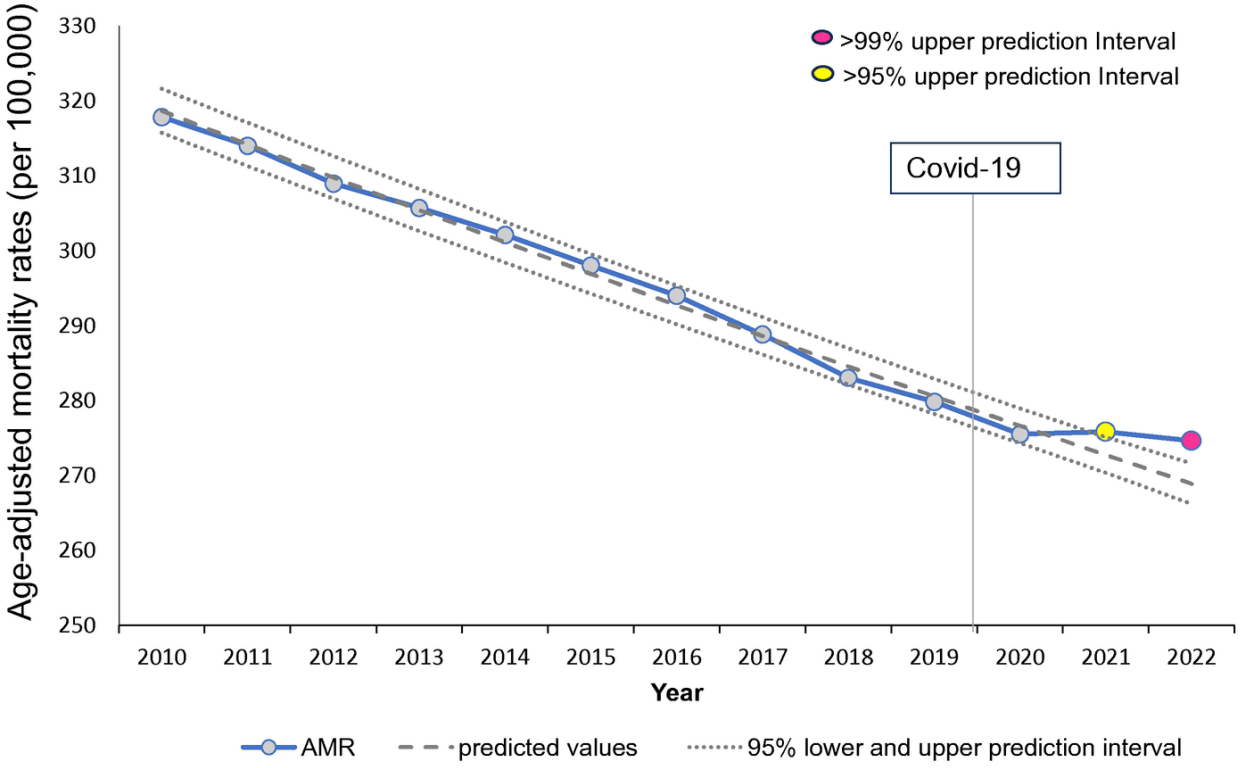
Increased Age-Adjusted Cancer Mortality After the Third mRNA-Lipid Nanoparticle Vaccine Dose During the COVID-19 Pandemic in Japan

Miki Gibo • Seiji Kojima • Akinori Fujisawa • Takayuki Kikuchi • Masanori Fukushima

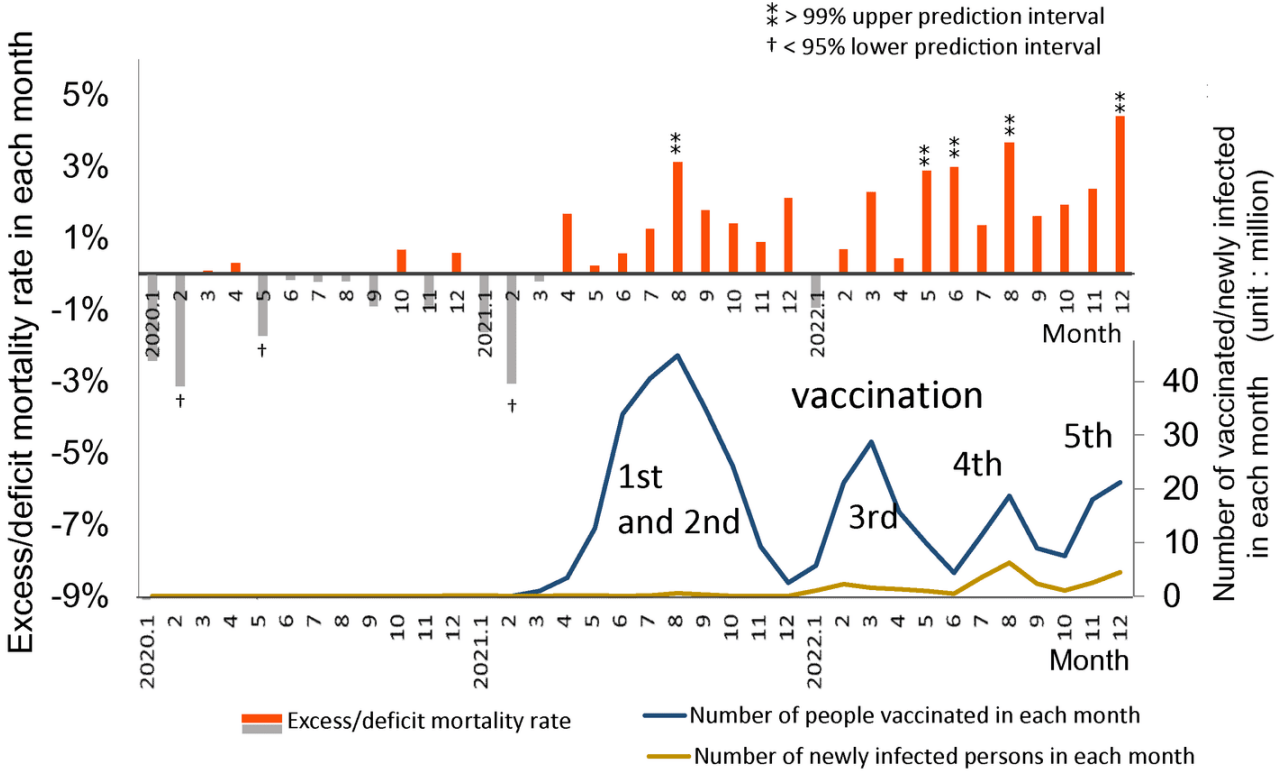
Published: April 08, 2024 **DOI:** 10.7759/cureus.57860

Peer-Reviewed

Vaxx Adverse Effects: Population-level



Vaxx Adverse Effects: Population-level



Vaccine Information Session

Conclusions

Sources from slides 11-13

-Abdurrahman,
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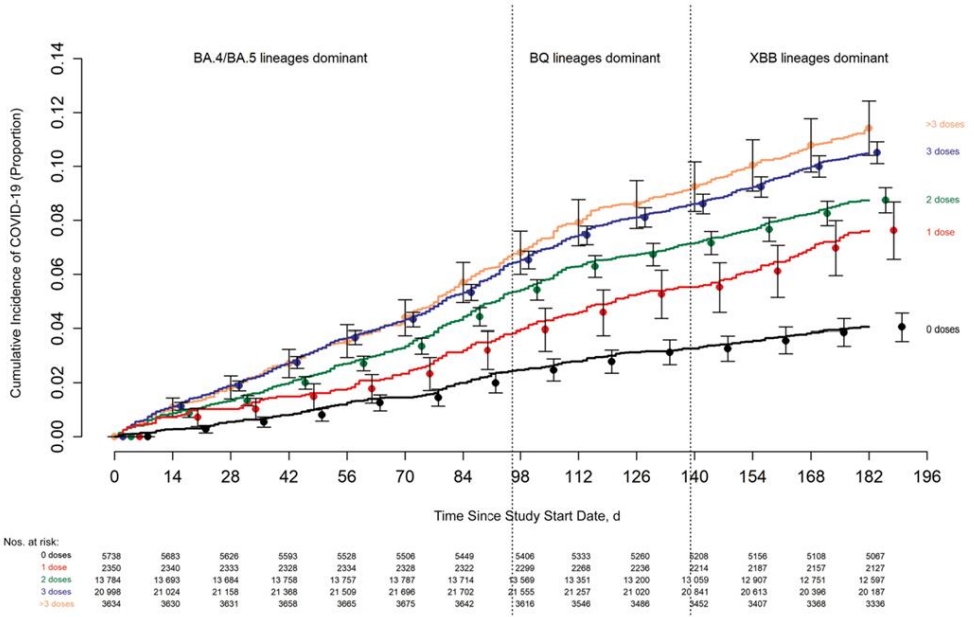
Vaccine Information Session

Conclusions

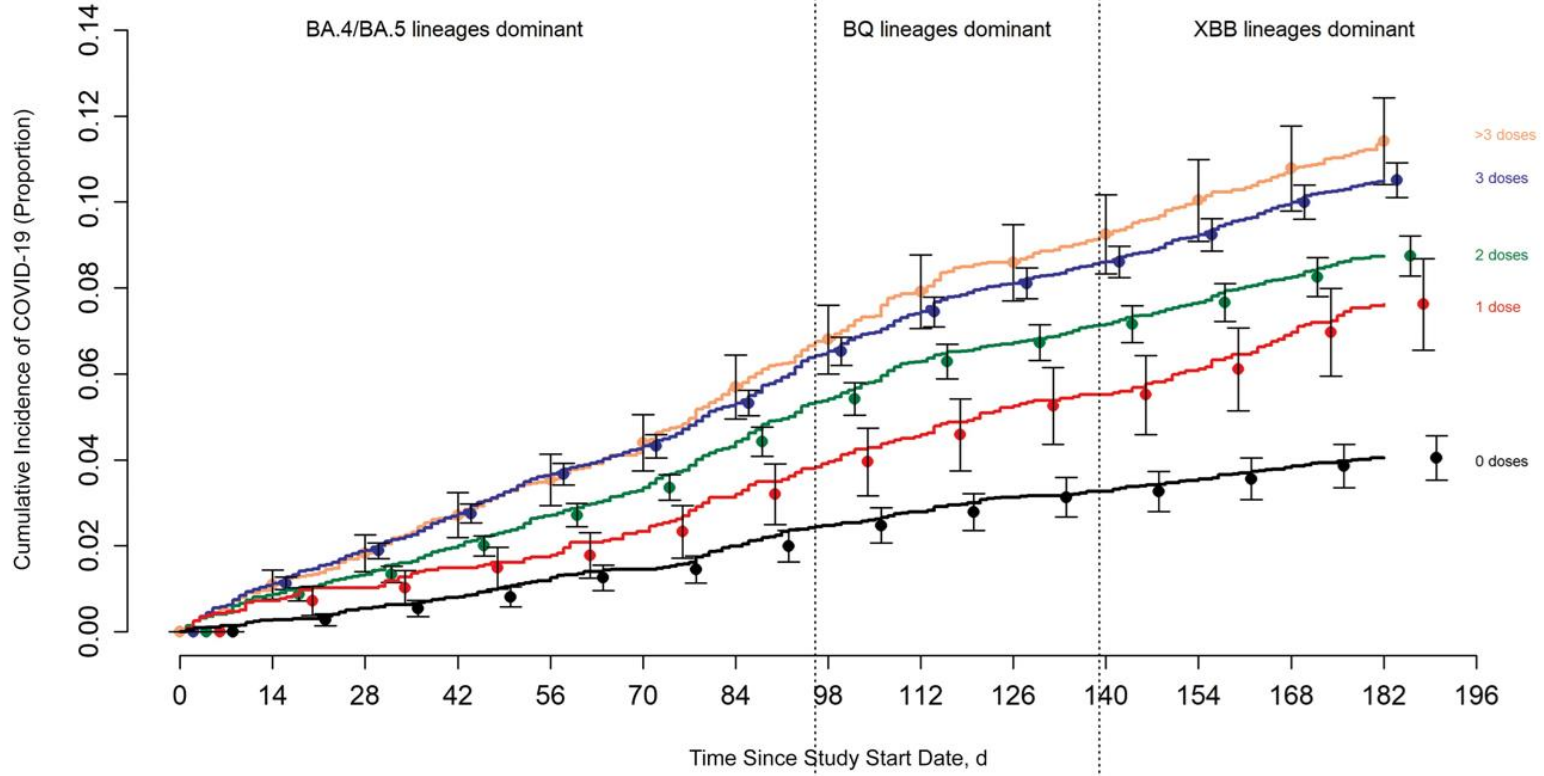
Vaxx Efficacy

Figure 2. Cumulative incidence of coronavirus disease 2019 (COVID-19) for study participants stratified by the number ...



Open Forum Infect Dis, Volume 10, Issue 6, June 2023, ofad209, https://doi.org/10.1093/ofid/ofad209

Vaxx Efficacy



Nos. at risk:

0 doses	5738	5683	5626	5593	5528	5506	5449	5406	5333	5260	5208	5156	5108	5067
1 dose	2350	2340	2333	2328	2334	2328	2322	2299	2268	2236	2214	2187	2157	2127
2 doses	13 784	13 693	13 684	13 758	13 757	13 787	13 714	13 569	13 351	13 200	13 059	12 907	12 751	12 597
3 doses	20 998	21 024	21 158	21 368	21 509	21 696	21 702	21 555	21 257	21 020	20 841	20 613	20 396	20 187
>3 doses	3634	3630	3631	3658	3665	3675	3642	3616	3546	3486	3452	3407	3368	3336

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Life & Style › Health

Heart attack: Does skipping breakfast increase your risk?

Heart attacks are more common in people who skip breakfast. (Image: Getty)

Loneliness and social isolation can cause chronic stress, which can damage the body's blood vessels

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Lonely older women at greater risk of heart attack, study shows

Kat Lay, Health Editor

Wednesday February 02 2022, 5.00pm, The Times

CNN health

Climate change could hurt babies' hearts, study says

By Jen Christensen, CNN

Study: Climate change is killing our sex drive 01:21

(CNN) — Heat and pregnancy do not mix. High temps don't just make a pregnant woman uncomfortable, the heat can actually hurt the health of her baby — and with climate change, this will probably become a bigger problem.

Mail Online

Expert warns that shoveling snow can be a deadly way to discover underlying cardiovascular conditions as straining the heart with physical activity could cause sudden death

- A cardiovascular expert at the University of Michigan warns that shoveling snow may be more dangerous than some may think
- Some people who are suffering from an underlying heart condition they do not know about may take part in the strenuous activity and suffer a sudden death
- He recommends people take things slowly, and either take a break or stop all together if they are feeling chest pain or shortness of breath
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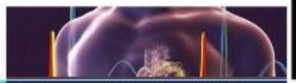

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Heart attack: The drink that could trigger a 'sudden' cardiac arrest – 'catastrophic'

HEART attacks typically strike in an unannounced fashion, leaving a very small window for emergency medical treatment. Preventing the condition is key, and it is believed most cases are avoidable. Researchers have warned that one drink could increase the risk of an event in young and healthy individuals.

NEW YORK POST

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By Tevi Ann Williams, The Sun

October 25, 2021 | 10:37am | Updated

Daily Mail

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By Andrew Court

June 28, 2022 | 8:39pm