# More proof the mRNAs rewire the immune system with unknown long-term effects

The biggest study yet on post-jab IgG4 "class switching" just came out. You will be shocked - SHOCKED - to hear American researchers had nothing to do with it.



ALEX BERENSON OCT 24, 2023



Many people who receive mRNA Covid jabs wind up with profound changes in their immune systems that usually arise only after prolonged exposure to allergens like bee venom, a new study confirms.

The changes seem to reduce the immune response to Covid as the body adjusts to the unnaturally high antibody levels mRNA jabs initially produce.

They may account for the paradoxical fact that despite Omicron's mildness, jab fanatics like Stephen Colbert <u>recently</u>

have reported failing to clear Covid infections quickly. The immune system changes are unique to mRNA and not seen in people who get other kinds of Covid vaccines, the study found.

The study also showed a powerful immunosuppressant given for eczema suppresses the changes - further raising questions about the potential relationship between skin and autoimmune disorders and the mRNAs.

(Here a study, there a study, everywhere a study study. I read 'em so you don't have to. Help me help you!)

Scientists in the Netherlands carried out the study, which included 604 patients and was funded by the Dutch government.

The researchers <u>posted their findings</u> online as a <u>preprint</u> weeks ago, but the paper has received no mainstream media coverage despite its implications. It confirms and expands upon two earlier papers that showed similar immune system changes.

(Three shots of mRNA equals IgG4. Nope, nobody saw this coming. Nope, nobody really knows what it means. And nobody in the United States seems too interested in finding out.)

**Results** We observed a substantial increase in the proportion of RBD-specific IgG4 antibodies (median 21%) in healthy/untreated controls after a third mRNA vaccination. This IgG4 skewing was absent when primary vaccination was adenoviral vector-based and

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### **SOURCE**

In each paper, scientists reported people who had received at least three mRNA shots showed a sharp increase in a type of antibodies called IgG4.

IgG antibodies persist for months in the blood after someone is infected with an "antigen" - a foreign invader like the coronavirus. They are the most common antibodies the immune system produces.

In the case of the coronavirus, IgG antibodies attach to the spike protein that juts out from the surface of the virus. They then either prevent the virus from locking on the body's cells and

reproducing, or recruit other parts of the immune system to attack the virus.

But IgG antibodies come in different subclasses.

IgG4 is generally the rarest, and the last the body makes. The IgG4 subtype does not recruit other parts of the immune system to attack the virus, though can still "neutralize" the virus by keeping the virus from attaching to cells. Usually, the IgG4 class make up less than 5 percent of all IgG antibodies, and often less than 1 percent.

But the scientists found that after a third shot, IgG4 made up about 21 percent of

all the IgG antibodies they found in the average healthy adult. The levels varied very widely, though, and in 1 in 4 adults IgG4 was nearly 50 percent of all IgG antibodies.

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(Stephen Colbert, mRNA success story! Colbert's infamous "Vax-Scene" skit, circa June 2021...)



## **SOURCE**

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(And his most recent bout with Covid, last week, which forced him off the air yet again. Amazingly, Colbert blamed the fact that he had NOT gotten the most recent booster for

his new case of Covid, ignoring all his previous shots.)



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By Peter White

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Because IgG4 is so uncommon when the immune system is working normally, no

one really knows what the impact of much-higher-than-normal IgG4 levels may be. "Accurately deciphering the negative consequences, if any, of increased IgG4 levels will be difficult," one expert wrote in January, after the first IgG4 papers appeared.

But the uncertainties don't end there.

No one knows whether IgG4 levels will keep rising with further boosters or repeated Covid infections. No one knows whether Omicron's spike will keep mutating away from the antibodies that people who receive the initial vaccines made.

For over a year, Omicron's general mildness has largely muted these concerns. Paxlovid has also helped the most vulnerable. So while Covid infections continue, few people are being hospitalized or dying from the illness.

Still, at least anecdotally, stories like this are not uncommon:



COVID's invasion has returned - with a vengeance. 4 vaccines, yet Covid hit both of us end of September. Paxlovid eased symptoms, healthy, -ve, -ve tests within few days. A few weeks later Covid hit us both again, this time hard, persistent. Paxlovid suppressed immune response?

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Finally, the Dutch paper contained the intriguing finding that patients taking dupilumab - a new drug that blocks an immune stimulant called IL-4 and is used to treat eczema - had almost *no* increase

in IgG4. So did patients taking older drugs called tumor necrosis factor inhibitors, which are used to treat rheumatoid arthritis and other autoimmune diseases.

Those drugs, which are powerful immune system modulators, should not be necessary to undo the impact of a properly working vaccine on the immune system. Yet that is exactly what dupilumab and the TNF inhibitors appeared to do. They normalized immune responses and reduced IgG4 levels in people who received the mRNAs.

The question is why - and what their impact may say about the overall effect of the mRNAs on the immune system. Case reports worldwide suggest that in rare cases the mRNAs cause autoimmune diseases, including rheumatoid arthritis and even Type 1 diabetes; no one really knows why.

But don't expect American scientists to be helpful in answering any of those questions.

The United States - home of two of the three mRNA Covid vaccine companies - continues to do everything possible to deny even the theoretical possibility of

mRNA side effects. All three IgG4 papers came from European researchers.

After all, you can't report bad news if you don't find it.

And you can't find it if you don't look.



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