

# “Moderna Teams Up With IBM to Put A.I., Quantum Computing to Work on mRNA Technology Used in Vaccines”

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*Human Product Launch 2.0 is in the works, and it sure is tempting to take a negative view on all new technology when the first product launch in humans fails to a large degree. Isn't it?*

by [Sage Hana](#), [Sage's Newsletter](#)

April 19, 2023

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## **Modern a teams up with IBM to put A.I., quantum computing to work on mRNA technology used in vaccines**

### **Key Points**

- Moderna and IBM are teaming up to use generative artificial intelligence and quantum computing to advance mRNA technology, the development at the core of the company's Covid vaccine.
- The companies said they signed an agreement that would allow Moderna to access IBM's quantum computing systems and generative AI model.
- The agreement comes as Moderna navigates its post-pandemic boom driven by its mRNA Covid vaccine.

Moderna and IBM are teaming up to use generative artificial intelligence and quantum computing to advance mRNA technology, the development at the core of the company's blockbuster Covid vaccine, the companies announced Thursday.

**Moderna teams up with IBM to put A.I., quantum computing to work on mRNA technology used in vaccines**

"We are excited to partner with IBM to develop novel AI models to advance mRNA science, prepare ourselves for the era of quantum computing, and ready our business for these game-changing technologies," Moderna CEO Stephane Bancel said in a statement.

Moderna shares dipped slightly Thursday, while IBM's stock was about flat.

The companies said they signed an agreement for Moderna to

access IBM's quantum computing systems. Those systems could help accelerate Moderna's discovery and creation of new messenger RNA vaccines and therapies, according to Dr. Dario Gil, director of IBM research.

IBM will also provide experts who can help Moderna scientists explore the use of quantum technologies, the companies added. Unlike traditional computers, which store information as either zeroes or ones, quantum computing hinges on quantum physics. That allows those systems to solve problems too complex for today's computers.

Under the deal, Moderna's scientists will also have access to IBM's generative AI model known as MoLFormer. Generative AI describes algorithms that can be used to create new content based on the data they have been trained on.

The companies said Moderna will use IBM's model to understand "the characteristics of potential mRNA medicines" and design a new class of vaccines and therapies.

The agreement comes as Moderna navigates its post-pandemic boom driven by its mRNA Covid vaccine.

The Cambridge, Massachusetts-based company became a household name for its messenger RNA technology, which teaches human cells to produce a protein that initiates an immune response against a certain disease.

Moderna is trying to harness that technology to target other diseases as the world emerges from the pandemic and demand for blockbuster Covid vaccines and treatments slows.

The company is already working to develop a vaccine targeting respiratory syncytial virus and a shot that can target different types of cancer when combined with Merck's immunotherapy Keytruda.

The new agreement also comes as IBM ramps up its investment in

AI with new partnerships. Earlier this year, the Armonk, New York-based company announced a deal with NASA to help build AI foundation models to advance climate science.

Those efforts fall in line with a recent boom in AI, largely driven by the release of OpenAI's ChatGPT. The AI-powered chatbot answers questions in clear, concise prose, and immediately caused a sensation after its launch.

ChatGPT kicked off an AI arms race and prompted questions about the full extent of artificial intelligence's capabilities and risks.

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Because this means that the Monster needs Good and Naive people to trust, and in order for this to happen they select photogenic and talented communicators that you inherently LIKE and trust and trot them out as a middle manager layer of sorts.

This middle manager layer of people might be called **Heroes** in the Comic Book storybook play that has been foisted upon us.

The concept of **Hero Ball** is that you will find it excruciating to accept that Heroes are still performing tasks at the behest of the Monster. With lots of plausible deniability baked into the Evil Layer Cake.

**[Connect with Sage Hanna](#)**

*Cover image credit: [TheDigitalArtist](#)*

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# The Monster Is Going to Serve Up the Pharm Patsy

## [The Monster Is Going to Serve Up the Pharm Patsy](#)

*“Grifters Grifting Shit” Protects the Long Planned Operations Moving Forwards*

by [Sage Hana](#), [Sage's Newsletter](#)

January 26, 2023

Alright, I may as well weigh in on this story and join the chorus with my spicy hot enchilada take.

*BREAKING: [@Pfizer](#) Exploring "Mutating" COVID-19 Virus For New Vaccines*

*"Don't tell anyone this...There is a risk...have to be very controlled to make sure this virus you mutate doesn't create something...the way that the virus started in Wuhan, to be honest." [#DirectedEvolution pic.twitter.com/xaRvLD5qTo](#)*

*– Project Veritas (@Project\_Veritas) [January 26, 2023](#)*

**[Pfizer Director Speaks Giddily About Manipulating SARS-CoV-2](#)**

Here was my comment on John Leake's post:

**Sage Hana**

[Writes Sage's Newsletter](#)

[18 hr ago](#)

*They can afford to be intellectual lightweights since they*

*appear to be backed by the full might of the US DOD and nobody wants to tangle with the Monster.*

*They will say, "Look we were told to do it this way", and I bet this Jordan dude doesn't even know about the Operation as Sasha said the FDA worker bees didn't know that they were doing fake trials.*

Sasha and K-Dub both covered this as well.

[OMG! Pfizer is MUTATING COVID!!!](#)

[Movie script where "Contagion" meets "Idiocracy".](#)

[Why all the breathless finger-wagging at Pfizer?](#)

This angle: effectively, Pfizer Bad, Grifters gonna grift, makes a lot of people happy for a variety of reasons.

The dominant reason is that nobody wants to pull on the string that opens up the door to the vault of the DOD House of Horrors.

Once you start pulling on that string, there is no stopping point.

And you will have to keep going and in the process of keeping going you will have to plow through Donald Trump's actions, Barack Obama's actions, and keep right on going to the neo-Cons who did 9/11 and anthrax and then all the various actions all over the world since WW2 and JFK and Operation Northwoods and Lyme Disease and did all those emerging viruses in Africa really occur naturally and there is nobody involved in public life in America for 70-80 years who is going to come out great.

The entire fake two party paradigm will have scores of villains with guilty looks on their faces.

The entire Mockingbird Media that decides that Donald Trump is

“Presidential” when he drops some bombs somewhere will be absolutely decimated.

Start pulling on this string and it will decimate Jabs Bad Island, aka Half Measures Island’s world views.

Far better to just “let sleeping dogs lie” and go with, “Look at this corporate corruption” and anyway Russia and China are evildoers and are plotting against us and we still need to keep the Biomedical War Stuff operational and expand it and go watch some more football and Shut the Fuck Up adults are talking.

Nobody really wants to do this because the stakes are very high and the cognitive dissonance is and will be off the charts. Code Red.

Nobody wants to accept that almost everything they were led to believe is a lie.

That yes, Virginia, there is a Santa Claus, and he’s a fucking sociopathic genocidal maniac.

Yes he is. And Socio-Santa is doing it right in front of your face and trolling you in the process.

They                      still                      need                      THIS:

EXCLUSIVE

## New worldwide threats prompt Pentagon to overhaul chem-bio defenses

The department is shifting its approach as new technology hits the battlefield.



Emergency workers in protective suits search around an assisted living facility after a man and woman were exposed to the Novichok nerve agent on July 6, 2018, in Salisbury, England. | Jack Taylor/Getty Images

By LARA SELIGMAN and ERIN BANCO  
01/09/2023 01:23 PM EST



This is their whole game. Programmed forever and a day.

[\*\*\*Germ Warfare 101 with Professor Robert Kadlec\*\*\*](#)

[\*\*\*IT'S AN EMERGENCY! The Road to Hell is Paved with Good Intentions and Plausible Deniability\*\*\*](#)

So to preserve this:



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Emergency workers in protective suits search around an assisted living facility after a man and woman were exposed to the Novichok nerve agent on July 6, 2018, in Salisbury, England. | Jack Taylor/Getty Images

By LARA SELIGMAN and ERIN BANCO  
01/09/2023 01:23 PM EST



They are going to give you this:

*BREAKING: [@Pfizer](#) Exploring "Mutating" COVID-19 Virus For New Vaccines*

*"Don't tell anyone this...There is a risk...have to be very controlled to make sure this virus you mutate doesn't create something...the way that the virus started in Wuhan, to be honest." [#DirectedEvolution](#) [pic.twitter.com/xaRvLD5qTo](https://pic.twitter.com/xaRvLD5qTo)*

*– Project Veritas (@Project\_Veritas) [January 26, 2023](#)*

So The Monster that runs our nation and shot a sitting President in the head and then murdered a bunch of witnesses

will thank you to just focus on these Bad Pharm people and pay no attention to those Monster Contracts and those biolabs all over the world and anyway even if we did tell them to do it it's only because we love you and we are an Abusive Parent and America is now a completely shellshocked Stockholm Syndrome Battered Citizen Syndrome Identify with the Aggressor dysfunctional family.

So protect that Monster at all costs, because the Monster only hits us because he loves us.

related:

[\*Letter to Rand Paul Staffer Sub: US Congress Critters Must Address the Biomedical Security Model of Fascism that is The Great Reset And the Coup of the United States by our Security State\*](#)

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**See also:**

[\*How the Project Veritas \\*bombshell\\* is being presented to the world The Monster Protection Racket\*](#)

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