

# There Is No Nanotechnology In the Nanotechnological C19 Shots? That Is Not Logical

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by [Ana Maria Mihalcea](#), MD, PhD, [Dr. Ana's Newsletter](#)

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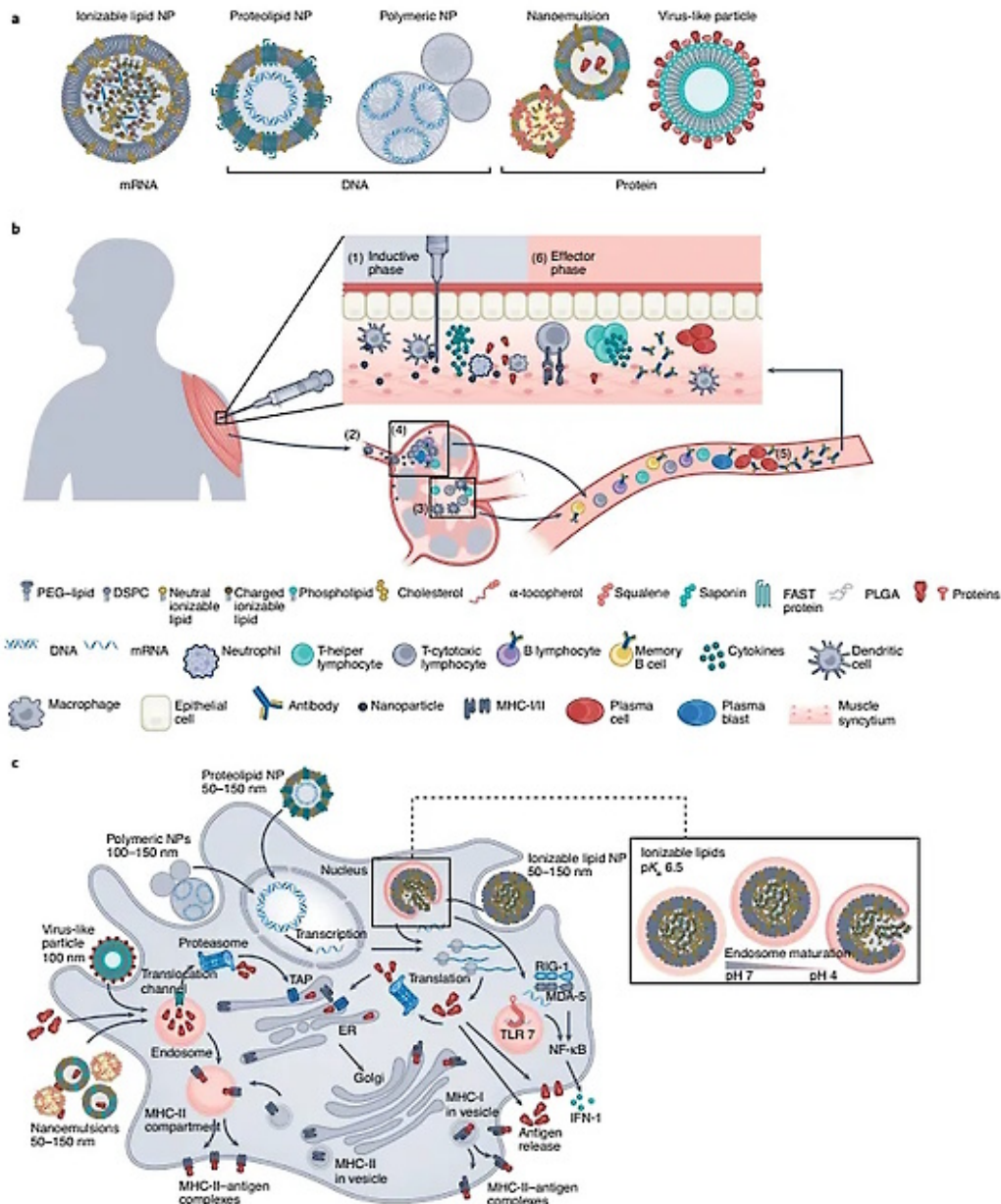


Image courtesy: Fig. 1: Overview of COVID-19 NP vaccine components, immunomodulatory properties and intracellular fate. Characterization of nanoparticles-based vaccines for COVID-19 *Nat. Nanotechnol.* 17, 570–576 (2022)

[My subscribers](#) are still letting me know of comments by people like Dr. Ryan Cole and others who claim there is no nanotechnology in the Covid 19 shots.

I want to explain to my readers how illogical that is, and how irrelevant for your continued consideration. In this article, I want to review and explain what nanotechnology is. I also

want to make you aware of politics in medicine. You have already seen in this pandemic how doctors have misused their power by telling people "Trust me, I am the expert". That has been proclaimed by Dr. Cole too. I don't trust experts, I trust my own research. I don't want you to trust me. I do not want to create "followers".

The safest thing you can do for yourself in this age of deception, is to become a researcher yourself – so you will never ever be misled by any "expert" again. If I can teach you to reason for yourself, look at things differently, understand how to evaluate problems from many different angles – which nobody around you may even see or consider – then my time writing all these articles was worth it.

Additionally, if you see what happened to Astrid Stuckelberger, PhD at the medical conference in Stockholm, where this renown scientist was prohibited to speak about nanotechnology and graphene in the C19 shots – you realize that all of those doctors unfortunately paid a lot of money not to be free thinkers, but followers. Freedom is exactly that – the freedom to think and express your views. Suppression of freedom is to prohibit alternate views and thereby influence and control a narrative. Any scientific organization or group that prohibits the discussion of scientific data is corrupted – be that by personal motives or political agendas. Science allows all viewpoints and observations, that is how it evolves. At some point recognizing deception of any kind is like knowing what fake news is and how to deal with it – it is simply time to change the channel. We must evolve to a level where nobody censors us, nobody undermines and prohibits discussion and explorations into new fields of understanding. The prohibition of the exploration of ideas is continued control of the evolution of our mind – and we have had enough of that.

Remember, it was claimed that all we see is cholesterol. Cholesterol is the very building block of the nanotechnology –

another illogical comment. The technology is at a nano scale, hence invisible to a light microscope.

I have in detail explained why his points and analysis of the C19 vials are very limited – please review my rebuttal here:

[You Can't Find What You Are Not Looking For: Analysis of Dr. Ryan Cole's Claims on Del Bigtree: "There Is No Nanotech and No Graphene" in C19 vials](#)

I am not interested in what those who are not experts in this field of nano technology claim. I am interested in my subscribers becoming informed with different viewpoints, and see for yourself if you can wrestle with these ideas. Become a free thinker. Nobody can enslave people who think for themselves.

For your information and education, lets review the prestigious Nature Nanotechnology literature. Note, that I do not read the corrupted medical literature like the Lancet, New England Journal of Medicine or British Medical Journal. You cannot find answers to the questions we are discussing there. I read the technological literature that actually deals with matters of nano technology, artificial intelligence, robotics and quantum computing.

**What is the definition of Nanotechnology?** According to the [CDC](#) :

*Nanotechnology is the manipulation of matter on a near-atomic scale to produce new structures, materials and devices. The technology promises scientific advancement in many sectors such as medicine, consumer products, energy, materials and manufacturing. Nanotechnology refers to engineered structures, devices, and systems. Nanomaterials have a length scale between 1 and 100 nanometers. At this size, materials begin to exhibit unique properties that affect physical, chemical, and biological behavior.*

The first reason why all C19 shots ARE nanotechnology is their size. They are organic and inorganic materials manipulated at the level of a billionth of a meter:

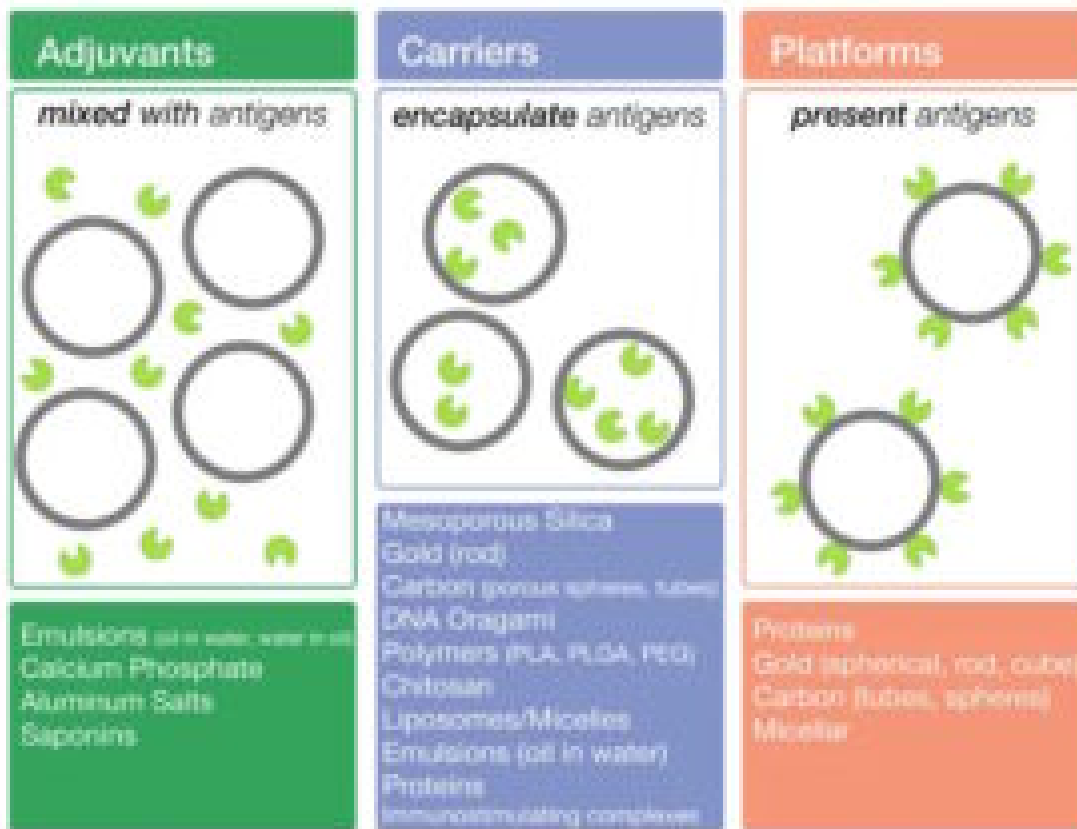
### [Characterization of nanoparticles-based vaccines for COVID-19](#)

*Several vaccines against COVID-19 use nanoparticles to protect the antigen cargo (either proteins or nucleic acids), increase the immunogenicity and ultimately the efficacy. The characterization of these **nanomedicines** is challenging due to their intrinsic complexity and requires the use of multidisciplinary techniques and competencies. The accurate characterization of **nano vaccines** can be conceptualized as a combination of physicochemical, immunological and toxicological assays.*

*My comment: Anyone who wants to say there is no nano technology in the shots, please note that nobody to date has used the right equipment to negate this. We cannot see on a nano scale in a live environment. We can see what has self assembled on a micro scale and postulate from there the beginnings of this technology on a nano scale.*

*Several COVID-19 NVs have been developed<sup>2,10</sup>; they can be grouped into three main categories based on their functional components: virus (not addressed here), protein based or nucleic acid based (Fig. [1a](#)). Almost all the NCs share several components, such as **ionizable lipids, polyethylene glycol (PEG)-lipids, structural lipids and cholesterol** (Fig. [1a](#)), assembled as NPs of 50 to 150 nm in size.*

*My comment: Note, here is your cholesterol. Its not just a harmless molecule, it is an intrinsic component of the nano technology.*



**Fig. 1 The three categories of nanoparticle roles in vaccines as adjuvants, carriers, and platforms with the descriptions of the role below.** Gray circles represent nanoparticles while, green circular indented units represent antigens. Abbreviations PLA, PLGA, and PEG correspond to polylactic acid, polylactic-co-glycolic acid, and polyethylene glycol, respectively. Modified and adapted from Zhao et al.<sup>2</sup>.

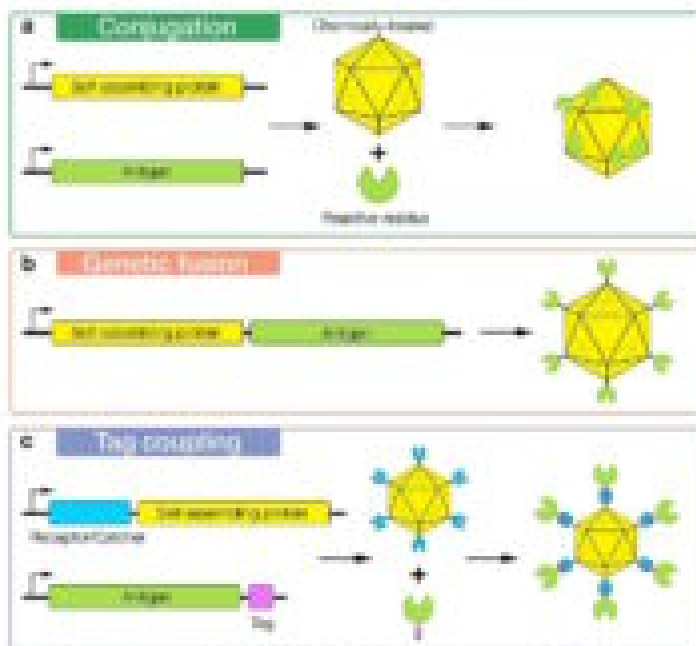
Nanotechnology can be made from any material. It can be organic like RNA, proteins or inorganic like certain hydrogel polymers and metals. Here is an explanation of nano technology based on proteins that can be configured and genetically engineered into any shape. Because it is at a nano scale, these materials have unique quantum properties that can manipulate subatomic force fields and structures, not just cells.

Many materials like Graphene are extremely versatile at a nano scale, so it can be used for medical purposes but also for quantum computing processing. Because of its small scale, we are now entering the realm of quantum phenomena like quantum entanglement, quantum computation and quantum cloaking. These

are very different laws of physics compared to what governs the larger world. [Relativistic quantum phenomena in graphene quantum dots](#)

Back to how proteins can be configured and manipulated into geometric forms on a nanoscale that can manipulate cellular matter:

### [Protein-based antigen presentation platforms for nanoparticle vaccines](#)

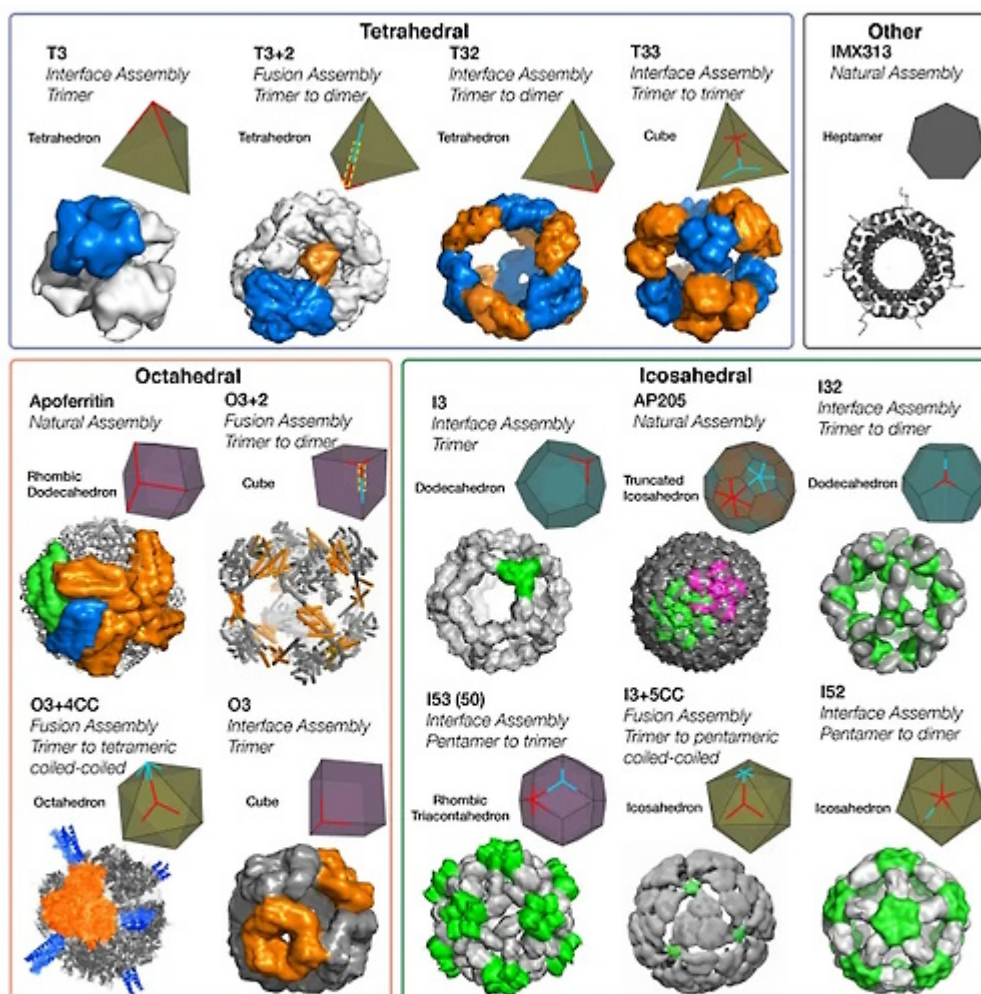


**Fig. 1. Methods of Antigen attachment to nanoparticle platforms.** Protein sequences are indicated by rectangular boxes, arranged left to right from N to C terminal. Protein nanoparticle platforms are represented by a yellow dodecahedron and antigens are represented as a green circular sector. **a** A typical chemical conjugation scheme for protein nanoparticles, which involves the chemical treatment of a reactive amino acid on either the nanoparticle or antigen to conjugate with a reactive amino acid on the other respective protein. In this case, the nanoparticle is chemically treated to bind with a reactive amino acid residue on the antigen. **b** Genetic fusion with the platform, indicated by a distinct black line between the antigen and nanoparticle. **c** An example of tag-coupling systems, where the genetic fusion of a protein receptor or protein carrier (represented as cyan colored squares with a cavity to site component allows for binding to another component through a genetically fixed tag, represented as a small pink rectangle).

Nanoparticles have the ability of self assembly. This means from a nano scale they can be programmed to grow into any type of structure. Nano scale technology can grow via self assembly to very large macroscopic sizes. These nano platforms can build pathogenic sequences like the spike protein that science would call "virus like". It is simply a building block that can make an organism like a human sick. Biological nano technological warfare – a hot topic given the US operated Ukrainian and other biolabs – manipulates matter at a nano scale to create a weapon. It can use sequences from a vast

library of computational materials some would call “gain of function pathogens” or “directed evolution” and combine it with any other material like gold metals or quantum dot technology. Either way, it is an ARTIFICIALLY ENGINEERED TECHNOLOGY with the purpose to alter an organism, make it sick or kill it. You can combine a pathogenic sequence with biosensor, quantum dot technology and encapsulate it in a cellular delivery system called a lipid nanoparticle. Regardless how you call it, it is still nano technology. If is is programmed to fuse with the human cells, you are now also in the realm of transformation into synthetic biology, soft robots and cyborgs. This means the human cellular tissue is modified by artificial structures that fuse with the organism to create an artificial hybrid.

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**Fig. 4 Summary of published engineered self-assembling nanoparticles and naturally assembling nanoparticles, sorted by symmetry type.** For the names of engineered nanoparticles, the first letter indicates symmetry of the design T, O, or I for tetrahedral, octahedral, icosahedral, respectively. The first number indicates the oligomeric state of the primary building block, while the second number represents the oligomeric state of the secondary building block, if present in the design. The abbreviation “CC” stands for a coiled-coil motif. A plus (+) between the first and second number indicates that self-assembly is generated by genetic fusion between two monomers of the primary and secondary building block, versus Interface design with Rosetta. As a visual aid, the primary building block (red) and secondary (cyan) are aligned to the vertices or faces of a polyhedra<sup>26,27</sup> that resembles the geometry of the nanoparticle. Genetically fused building blocks are emphasized with a yellow-dashed box.



All of this is simply engineered on the computer – its like playing Lego on a nano scale. It is possible to program matter and nano robots and have them 2 and 3 D printed or program them for infinite self assembly. It is easy to create nano robot swarms that replicate within the body. Uncontrolled self replication is like the nuclear bomb of nano scale weapons. Its just a different kind of warfare.

### *Engineered nanoparticle platforms*

*Through rational or computational design, dimeric, trimeric, tetrameric, or pentameric proteins have been engineered to assemble into larger, highly oligomeric complexes that offer greater control over antigen stoichiometry, spacing, and particle size. These engineered particles present additional platforms for vaccines beyond the limited number of natural platforms. In order to develop novel platforms several methods and techniques of generating self-assembly have been developed. There are several design parameters for designing self-assembling proteins for use as a platform. First, the geometric symmetry and shape of the desired nanoparticle are determined by type of building blocks used. Second, self-assembly must be promoted by either fusing two different building blocks or engineering an interface between building blocks. Lastly, at least one terminal should be exposed and accessible for antigen attachment. Described below are the design and evolution of novel self-assembling proteins that have led to engineered platforms.*

### [Reasons for success and lessons learnt from nanoscale vaccines against COVID-19](#)

These robotic platforms can have artificial intelligence. They can operate like a brain, can be self learning. [Engineers put tens of thousands of artificial brain synapses on a single chip](#) [The design could advance the development of small, portable AI devices.](#)

Hopefully this was helpful. Never listen to anybody that tells you there is no nanotechnology in the C19 shots. **The shots ARE nanotechnology.**

Above all, think for yourself.

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