

Exhibit 443

It's Time to Blow the Lid Off the
Global 'Health' System

<https://karenkingston.substack.com/p/its-time-to-blow-the-lid-off-the>

It's Time to Blow the Lid off the Global 'Health' System

Denying the Use of Nanotechnology in the COVID-19 Injections Has Made the Medical Freedom Movement Powerless in their Efforts to Prosecute Pfizer and other Criminals

JUN 24, 2023

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June 23, 2023: In 2020, the formerly secretive multi-trillion dollar nanotechnology/[synthetic biology industry](#) exploded around the globe with the introduction of COVID-19 injections. The nanotechnology industry is an unregulated, 'dual-use' industry with military weapons and consumer applications that has been causing mild-to-severe cognitive dysfunctions, infertility, cardiovascular diseases, cancers, and death for decades.

Threats to Humans

Metal nanoparticles can be toxic to humans if inhaled or ingested. They can cause damage to lung tissue and other organs, as well as potentially leading to cancer or other diseases. Long-term exposure to high levels of metal nanoparticles can also have negative effects on the nervous and immune systems. It is important to handle metal nanoparticles with proper safety precautions and to use personal protective equipment when working with them. There are no sets of regulations that address the existence of MPs in seafood, according to information published by the European Food Safety Authority in the year 2016. Besides,

The COVID-19 injections are [engineered modRNA nanoparticle injections](#) that are classified as electromagnetic devices. Don't believe me? Then just read the [Pfizer DoD contract](#) and FDA guidance that clearly defines the mRNA nanoparticles as electromagnetic devices. Or read [Dr. Ana Mihalcea's SubStack](#) articles where you can 'see for yourself' the nanotechnology in the blood of the vaccinated and unvaccinated.

Lying about the Use of Nanotechnology Has Made the Medical Freedom Movement Powerless in their Efforts to Prosecute Pfizer and other Criminals

There are Freedom Movement leaders who claim that discussing nanotechnology will weaken efforts to remove the injections from the market when in fact, the exact opposite is true. The nanotechnology industry is barely regulated in America. Essentially the FDA, the consumer protection agency, and EPA all said, “*We’re going to let the [manufacturers regulate themselves.](#)”*

A virtually unregulated industry means that there are no laws or government agencies protecting Pfizer and other manufacturers from civil and criminal liability for enabling the injection adults and children with engineered modRNA nanoparticles that are known toxic pathogens and electromagnetic devices.

In other words, the Childhood Vaccine Protection doesn’t protect Pfizer from injecting children with electromagnetic nanoparticles and pretending Pfizer has liability protection shielded by the US military is [a completely fabricated story.](#)

When Freedom Movement leaders and global civilians acknowledge that billions of innocent adults and children have been injected and poisoned with engineered nanoparticles that are ‘vaccine nanotechnologies’ that have a dual-use as weapons of biowarfare, I believe everyone of a a sound mind will do everything in in their power to remove the COVID-19 injections from communities around the globe.


**NIH SPONSORED AND HAS OWNERSHIP OF
VACCINE NANOTECHNOLOGY FOR A BIOWEAPON**

(12) **United States Patent**
von Andrian et al.

(10) **Patent No.:** US 9,539,210 B2
(45) **Date of Patent:** Jan. 10, 2017

(54) VACCINE NANOTECHNOLOGY

(58) Field of Classification Search

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substance is nicotine. In some embodiments, the small molecule is a toxin. In some embodiments, the toxin is from a chemical weapon, an agent of biowarfare, or a hazardous

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<https://patentimages.storage.googleapis.com/29/d1/ca/18013ced0621f0/US9539210.pdf>

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Y is polyalkylene glycol or polyalkylene oxide. In some embodiments, X is PLGA, PLA or PGA. In some embodiments, Z is absent.

In some aspects, a composition comprising a nanocarrier comprising an immunostimulatory agent is provided. In some embodiments, the composition further comprises an antigen and/or a targeting moiety. In some embodiments, at least one of the antigen, targeting moiety, and immunostimulatory agent is conjugated to a water soluble, non-adhesive polymer. In some embodiments, at least one of the antigen, targeting moiety, and immunostimulatory agent is conjugated to a biodegradable polymer. In some embodiments, at least one of the antigen, targeting moiety, and immunostimulatory agent is conjugated to a biocompatible polymer. In some embodiments, the biocompatible polymer is a conjugate of a water soluble, non-adhesive polymer conjugated to a biodegradable polymer. In some embodiments, the antigen is a B cell antigen. In some embodiments, the B cell antigen is not a T cell antigen. In some embodiments, the nanocarrier further comprises a T cell antigen. In some embodiments, the antigen is a T cell antigen.

In some aspects, a composition comprising a nanocarrier comprising a small molecule, an immunostimulatory agent, and a T cell antigen is provided. In some embodiments, the small molecule is on the surface of the nanocarrier or is both on the surface of the nanocarrier and encapsulated within the nanocarrier. In some embodiments, the small molecule is an addictive substance. In some embodiments, the addictive substance is nicotine. In some embodiments, the small molecule is a toxin. In some embodiments, the toxin is from a chemical weapon, an agent of biowarfare, or a hazardous environmental agent.

We must demand immediate prosecution of Pfizer from our government officials and law enforcement, beginning with seizing the company's assets.

Share this SubStack Far and Wide

I implore you to [share this interview with Stew Peters](#) and this free Substack with all influential connections you have; from government officials to your pastors to media platforms and Freedom Movement experts.

This post is FREE!. Feel free to share.

Originally published June 21, 2023: When an individual (or group of individuals) with proclivities to act in deceptive, manipulative, and harmful ways are caught in a transgression their typical responses would include things, such as; denying the transgression ever happened; or denying that they know their co-conspirators; or even calling the witnesses to their crimes 'not credible' and 'emotionally unstable'; but would they go so far as to [deny the very existence of the weapons that they used?](#)

I mean....how brilliant would it be if a group of global tyrannical elites could assault the human population with engineered nanoparticle technologies that are defined as weapons of mass destruction [by our own US government](#); and then deny the engineered

nanoparticle technologies [even exist](#), *because....*the global elites are controlling the leaders of the global citizens who are trying to [stop their mass extermination](#) plan.

What a crazy idea, right?



Or [are we being mocked](#)?

“The component of the Mockery of the Victim is a show of macabre arrogance when done in a veiled or symbolic fashion and eliciting no significant response of opposition from the victim is one of the most efficacious techniques in psychological warfare.”

Don't let them mock us anymore.

Leaders of the Health Freedom Movement are denying the existence of nanotechnologies in the COVID-19 mRNA nanoparticle injections even though there

are [hundreds of industry documents](#) clearly stating the that the COVID-19 mRNA injections contain nanotechnologies that are for *the purposes of merging biological humans with digital technologies*.


The screenshot shows the Sage Journals website interface. At the top, there is a search bar with the text 'Search this journal' and 'Enter search terms...'. Below the search bar, there are navigation options: 'Browse by discipline' and 'Information for'. The main header of the article is 'AlterNative: An International Journal of Indigenous Peoples'. The article title is 'Indigenous perspectives on the biodigital convergence'. The authors listed are Keith Williams and Suzanne Brant. The article is open access and was first published online on April 6, 2022. The DOI link is https://doi.org/10.1177/11771801221090748. The page also includes a navigation menu with options: Contents, PDF / ePub, Cite article, Share options, and Information, rights and permissions.

Abstract

The biodigital convergence describes the intersection, and in some cases merging, of biological and digital technologies. Biodigital technologies include mRNA vaccines used to treat COVID-19, digitally controlled surveillance insects, microorganisms genetically engineered to produce medicinal compounds, and more. While significant scholarship has been paid to the ethical dimensions of biodigital technologies from a Western standpoint, little attention has focused on Indigenous views on the biodigital convergence. In this article, we explore the biodigital convergence from a Haudenosaunee perspective and suggest that insights from Indigenous philosophical traditions—specifically regarding relationality and territory—may be necessary for humanity to adapt to the profound and existential changes implicit in the biodigital convergence.

If we look at the secretive use of nanotechnologies objectively (and without trolling and name calling), the nanotechnology industry is a multi-trillion dollar industry and is absolutely *booming* in the [synthetic biology sector](#) with the release of the [COVID-19 engineered mRNA nanoparticle](#) viruses, spike proteins, and injections.

COVID-19 may become nanomedicine's finest hour yet

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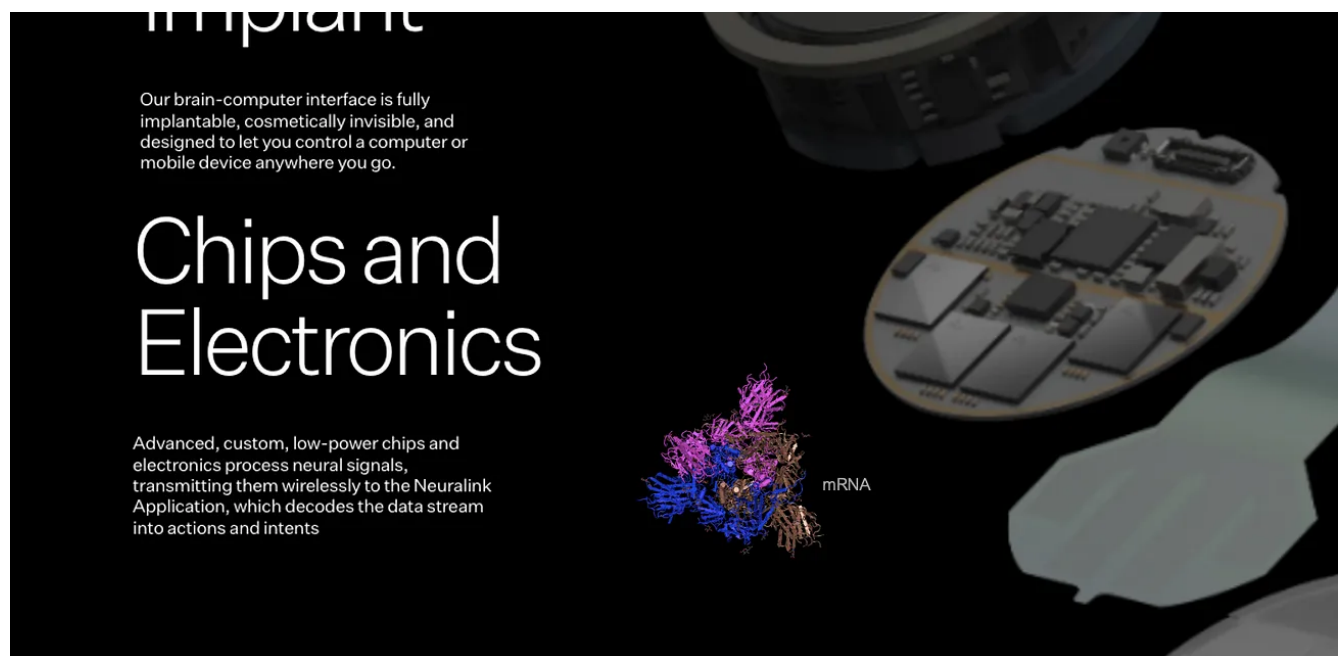
made it onto the World Health Organization Emergency Use Listing/Prequalification list⁴. By August 2020, a *Nature Nanotechnology* Editorial highlighted the role of nanotechnology in the development of COVID-19 vaccines⁶, pointing out that the biomimetic capabilities (that is, the ability to design and synthesize virus-like particles for targeted drug delivery and advanced biotechnology applications, such as cancer nanovaccines, immunoengineering and rapid-response sensors) afforded nanotechnology a unique position in pre-clinical and clinical COVID-19 research. In the same Issue, Shin et al. found that of the 16 vaccine candidates known to be in clinical development at the time only 4 were using nucleic acid-based functionality (that is, DNA or messenger RNA (mRNA) vaccines)⁷. The authors predicted that “[w]hile these platforms are attractive in terms of safety, speed, stability and scalability, they carry a significantly higher risk of failure in clinical development as seen previously with other novel technologies”⁷.

<https://www.nature.com/articles/s41565-021-00901-8>

Nanotech got another mega-boost in the neurotech/neuroweapons space with the [recent news coverage of Neuralink](#) (Neuralace).

Neuralink and mRNA Technologies are Weapons of Mass Destruction

KAREN KINGSTON · JUN 6



Our brain-computer interface is fully implantable, cosmetically invisible, and designed to let you control a computer or mobile device anywhere you go.

Chips and Electronics

Advanced, custom, low-power chips and electronics process neural signals, transmitting them wirelessly to the Neuralink Application, which decodes the data stream into actions and intents

mRNA

Updated June 8, 2023: Blackrock Neurotech has pioneered the use of brain-computer interface (BCI) technology similar to Neuralink. Blackrock Neurotech received FDA 510k clearance for use in humans in 2007. Per Blackrock Neurotech, the company is not affiliated with Blackrock.

[Read full story](#) →

James Giordano, advisor to the US Military and Intelligence Community, [wrote that neurostim technologies](#) and neurotechnology nanoparticles (such as Neuralink/Neuralace), *“should not be considered for their mass destruction effects.”*

The dedication of private and/or governmentally-supported industrial efforts to neuroS/T research and development could also enable and (at least be argued to) justify postures and protocols of diminished transparency, as commercial interests can be shielded as means to protect proprietary interests and intellectual property. Under such veils, dual-use agendas can be fostered and developed. An additional concern is that neurobiological and neurochemical substances and certain neurotechnologies can be obtained and/or developed (i.e., “bio-hacked”) with relative ease by individual non-state actors who may be supported by state-endorsed venture capital, and who may operate without regard for regulations defined by the current BTWC, thereby creating further opportunistic windows for influence.

If we define a weapon as, “a means of contending against another...to injure, defeat, or destroy,” [15] the question is not if, but to what extent the brain sciences could – and likely will – be engaged in such pursuits. Given such possibilities and probability for use, military applications of neuroS/T should not be overlooked or disregarded. Neuroweapons should not be considered for their mass destructive effect(s), but rather, should be acknowledged for their capability for amplified disruption that is executable on a variety of levels, from the individual to the political. This is particularly true of hybrid and asymmetrical engagement scenarios, in which the desired outcome is an increasing “ripple effect” resulting from a relatively small initial insult.

Furthermore, the ability to utilize neuroS/T to gain influence on the global stage is not limited to warfighting applications. The growing prominence of non-Western nations in neuroS/T research and production may afford greater leverage, if not purchase, to effect “strategic latency” (i.e., the potential to evoke significant shifts in the balance of power) by manipulating healthcare and biotechnology sales markets to affect socio-economics, and international relations. That neuroS/T can, and likely will be engaged for dual-use serves to fortify the strategic latency impact. [16]

<https://hdiac.org/articles/battlescape-brain-engaging-neuroscience-in-defense-operations/>

ANALYSIS 2022 © Karen Kingston

Really James? *“Nanoparticle technologies should NOT be considered for their weapons of mass destruction effects,”* because [in this 2018 video](#), Giordano informs the US Army WestPoint Cadets that;

“The brain is and will be the 21st century battlefield in many ways. End of story. You will encounter some form of neurocognitive science that has been weaponized not only in your military career, but in your personal and professional lives.”

Dr. James Giordano: The Brain is the Battlefield of the Future

[YouTube](#)

YouTube · Modern War Institute · Oct 29, 2018



In this video

02:09 Neuro Cognitive Science



05:46 The Brain and Cognitive Sciences



11:03 Interventional Neuro Tech Knowledge Ease



19:43 Soft Weapons and Hard Weapons



“Importantly is this other acronym WMD²... this is part of a regular and ongoing innovation in your careers. Weapons of Mass Destruction and Disruption, disruption and influence will be the key to creating peer capabilities and asymmetrical relations and engagements.”

- James Giordano, West Point Modern War Institute, 2018

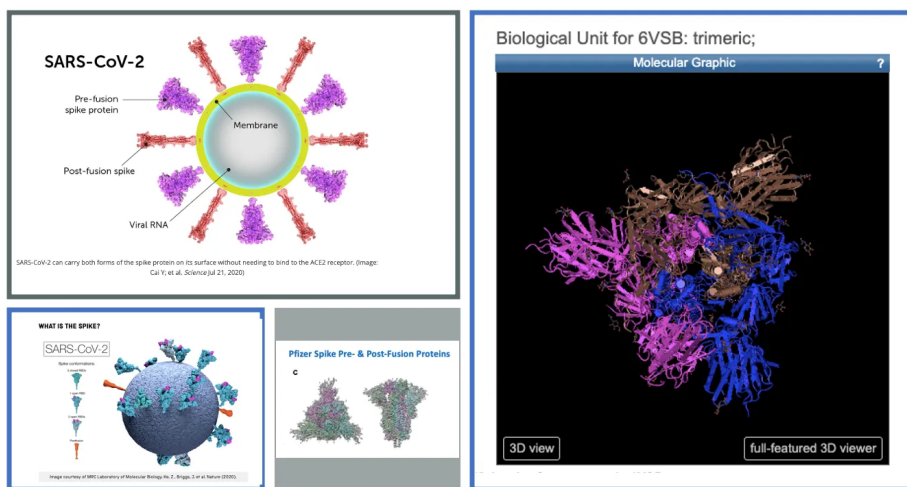
If you visit [James Giordano's website](#), he has over a dozen publications and presentations explaining how neuroweapon technologies and nanoparticle WMDs can be used on civilians by creating joint-partnerships with the private sector and creating markets and [demands for the use of nanoparticle](#) technologies on humans and other biological life forms.

Nanotechnology is for the Purposes of Directed Evolution (Transhumanism)

Dr. Robert Malone, the self-proclaimed inventor of mRNA nanoparticle technology, has even [publicly stated](#) that the mRNA technologies are the ‘*suite of technologies that are the entry point to transhumanism.*’ Transhumanism is the forced evolution of the human species using engineered mRNA nanoparticles to make non-human genetic changes and

bio-digital changes to the DNA of human beings. Transhumanism's end game is the extermination of the human species. Transhumanism is the definition of biowarfare.

Dr. Malone has alluded to the fact that the SARS-2 modRNA spike proteins found in the COVID-19 injections are engineered mRNA neuroweapons that cross the blood-brain barrier causing brain inflammation.



Specifically [on Joe Rogan, Dr. Malone stated](#);

"It has to do with the structure of the cells that line the blood vessels in your brain and what it allows to go through and doesn't go through. Spike causes that to become more like an open sieve, so things can go into your brain that shouldn't go into your brain. So that can trigger brain inflammation ... whether it's the vaccine, the virus, or the adenovirus, you know the mRNA, the virus itself, or the adenoviral vectored spike. Those toxicities are there, and the common variable is the spike protein," Malone said on Rogan's [podcast](#).

Elon Musk is openly manufacturing mRNA microfactories, nano-batteries, and nanotech neuroweapons with [funding from the World Economic Forum](#) and Bill & Melinda Gates Foundation.

Despite all of this evidence right in front of our own eyes, the discussion of [nanotech itself is 'off the table'](#) with most of the platforms and leaders of the Medical Freedom movement with the exception of a select [few media platforms](#), such as the [Stew Peters network](#).

The Multi-Trillion Dollar 'Conspiracy Theory' Industry that's Funded by US Tax Payer Dollars and Will Destroy the Planet

Nanotechnologies are not only used in electronics and smart devices, but nanotech is also used in biological products, medical products, foods, dietary supplements, cosmetics, water sanitization, agriculture, and tobacco products.

[Industry experts](#) are well-aware that the use of engineered nanoparticle technologies is rampant, harming biological life forms and our planet at an accelerated rate.

Current Trends on the Effects of Metal-Based Nanoparticles on Microbial Ecology

[Jyoti Rawat](#), [Vikas Kumar](#), [Priyanca Ahlawat](#), [Lokesh Kumar Tripathi](#), [Richa Tomar](#), [Rohit Kumar](#), [Sunny Dholpuria](#) & [Piyush Kumar Gupta](#) 

[Applied Biochemistry and Biotechnology](#) (2023) | [Cite this article](#)

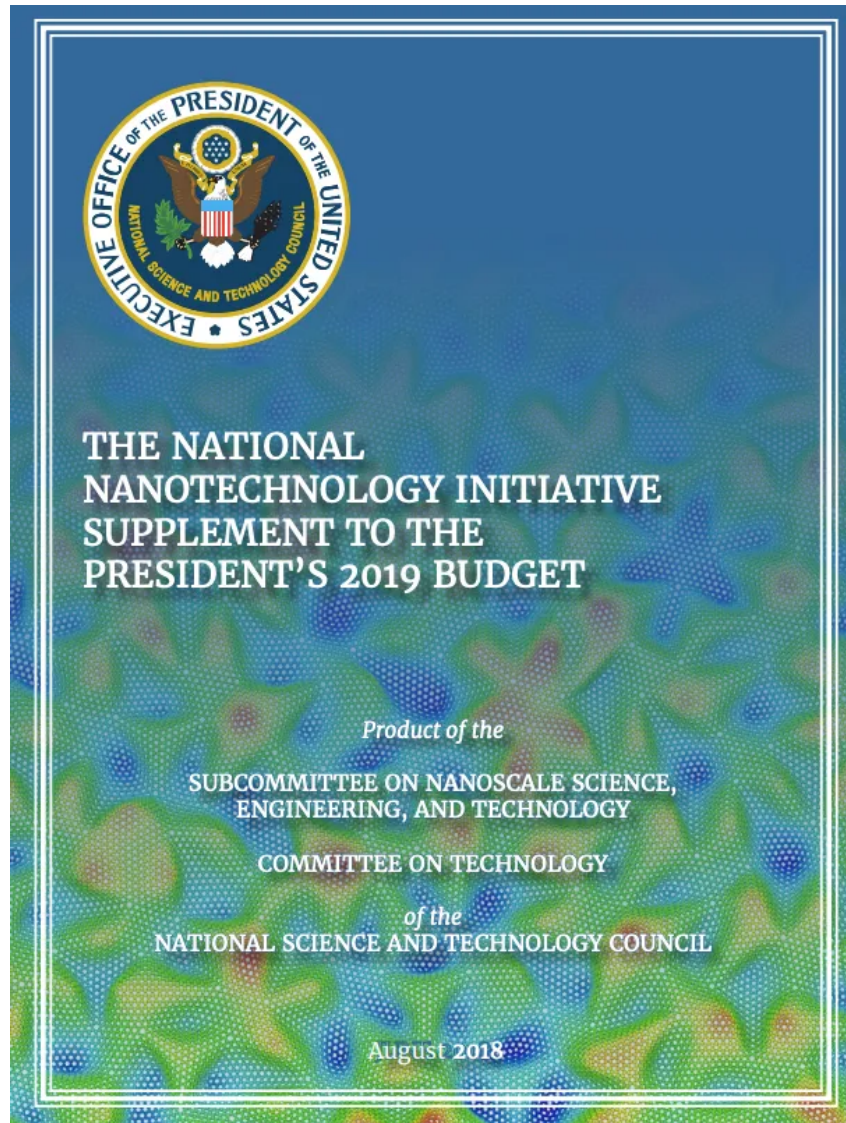
196 Accesses | [Metrics](#)

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Abstract

The growing field of nanotechnology and its many applications have led to the irregular release of nanoparticles (NPs), with unintended effects on the environment and continued contamination of water bodies. Metallic NPs are used more frequently in extreme environmental conditions due to their higher efficiency, which attracts more attention in various applications. Due to improper pre-treatment of biosolids, inefficient wastewater treatment practices, and other unregulated agricultural practices continue to contaminate the environment. In particular, the uncontrolled use of NPs in various industrial applications has led to damage to the microbial flora and caused irreplaceable damage to animals and plants. This study focuses on the effect of different doses, types, and compositions of NP on the ecosystem. The review also mentions the impact of various metallic NPs on microbial ecology, their interactions with microorganisms, ecotoxicity studies, and dosage evaluation of the NPs, mainly focused on the review article. However, further research is still needed to understand the complexity of interactions between NPs and microbes in soil and aquatic ecosystems.

The National Nanotechnology Initiative was launched in 2000 and is funded annually by tax payer dollars per the [President of the United States' annual budget.](#)



Throughout the early 2000's, tens of thousand of new applications for nanotechnology were being developed from use in electronics and smart devices, to beverage and food preservatives, to fertilizers for soil and water sanitization, and for creating synthetic viruses (i.e. coronaviruses) and bacteria.

Nanomedicine for COVID-19: the role of nanotechnology in the treatment and diagnosis of COVID-19

Farzan Vahedifard¹  · Krishnan Chakravarthy²   KarenKingston.Substack

1).

One of the advantages of this article is that it is written from the medical doctors' point of view, who are directly in charge of a lot of patients with COVID-19 and also do work/research extensively in nanomedicine. The authors strongly tried to discuss the potential gaps and opportunities for management and diagnosis in COVID-19, through real clinical and basic science. In this way, we use cutting-edge findings, both in COVID-19 management, diagnosis, and nanomedicine.

1.2 Gene

The COVID-19 genome is 80% similar to SARS (another virus that caused a pandemic in 2002), so it is named SARS-CoV-2. The COVID-19 is an enveloped, positive-sense, and single-stranded RNA virus [12]. It has a genome of 30 kb and a diameter of 60–140 nm [13].

Due to the virus' small size, any mitigation method that can deal with it in a corresponding "nano" size would be more efficient. Tiny nanoparticles can move in the body without compromising other host functions, including the immune system [9, 14]. Confirming, the previous nanoparticles, which were used in respiratory viruses, have approximately similar

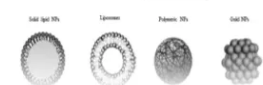
Beginning in the 2000's until today, hundreds of thousands of peer-reviewed articles were published and global symposiums were held to discuss the [environmental, health and safety risks of engineered nanoparticles](#).

Nanomaterials in integrated methods for soil remediation (biological/physiological combination processes)

Srinivasan Ramakrishnan, ... Prabhu Govindasamy, in *Nanomaterials for Soil Remediation*, 2021

21.3.1.1 Engineered nanoparticles

ENPs are specially designed chemical substances or materials with a particle size between 1 and 100 nm in at least one dimension, while the term ENMs is used collectively for ENPs and nanostructured materials. They are mainly designed from discrete functional materials with at least one dimension at nanometer scale (e.g., polymer composites containing ENPs), or they are free from ENPs (e.g., nanoporous polymers, nanoscale coatings, nanostructured and bulk materials) as shown in Fig. 21.2.



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Nanoengineered biomaterials for intestine regeneration

Aleksandra M. Urbanska, ... Masoud Mozafari, in *Nanoengineered Biomaterials for Regenerative Medicine*, 2019

7.3 Nanoparticles

Engineered nanoparticles are refined from bulk materials to offer unprecedented interactions with small-scale biomolecules. These nanoparticles exhibit unique characteristics at cellular, atomic, and molecular levels; thus their geometrical shape influences their behavior and uses [56]. Current studies focus on embedding magnetic nanoparticles into a polymer matrix such that they are uniformly dispersed in a scaffold's material and that locally generated strains can be transported to cells [57]. Additionally, actuation in various regions can potentially create the fluid flow pattern in multiple physiological systems, including the intestines, to facilitate tailored medicine. As a result, drug delivery is personalized according to a patient's genetic and disease profile [59].

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Environmental Nanotechnology: Implications and Applications

Nouha Bakaraki Turan, ... Mehmet Sinan Biçgili, in *Comprehensive Analytical Chemistry*, 2022

Abstract

Engineered nanoparticles are widely used in different products. The intensive use of these nano-enabled products results in the release of nanoparticles in the environment, resulting in a new type of waste termed nanowaste. This chapter aims to present a comprehensive review on nanowaste as a new and challenging research topic. In this context, the most commonly used analytical methods for the detection of nanowaste are summarized. On the other hand, nanowaste recovery, disposal and treatment methods currently used are discussed in detail. This was followed by the latest modelling methods for the estimation of the amount of nanowaste produced for a certain period of time, to give an idea to the reader. Finally, the challenges and gaps of nanowaste management are highlighted to reflect the need for more serious action.

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Engineered Nanomaterials and Phytanotechnology: Challenges for

Analysis and Risk of Nanomaterials in Environmental and Food Samples

Anne Galyean, ... Michael Leopold, in *Comprehensive Analytical Chemistry*, 2012

Abstract

Engineered nanoparticles are being progressively incorporated into consumer products due to their novel properties and applications. As these nano-containing products transition through their life cycle, it becomes essential that the fate of the nanoparticles is investigated and any potential risks are assessed. It is probable that many of these nanoparticles will be released into and persist in the environment and eventually contaminate natural surface waters, ultimately posing inquiry into the efficacy of water treatment processes for engineered nanoparticle removal. Although a pressing issue, there is a lack of methods that can be applied to investigate the fate, transport, and occurrence levels of engineered nanoparticles in the environment. An interdisciplinary and multi-step analytical approach will be required to adequately characterize engineered nanoparticles in complex environmental matrices such as natural water to determine whether or not they pose a potential risk to human health. This includes online combination approaches of several analytical techniques, as well as innovations into applying methods specifically for complex aqueous samples. Further, the complex nature of engineered nanoparticles of different materials will likely require unique detection schemes to quantify their occurrence levels in the environment.

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Influence of nanoparticles on the physical, chemical, and biological properties of soils

Valle-García Jessica Denise, ... Fernández-Luqueño Fabián, in *Nanomaterials for Soil Remediation*, 2021

8.6.3 Availability of nutrients

ENPs affect enzyme activity in the soil, as well as nutrient availability, by influencing the microbial population. Chung et al. (2011) when studying the multiwalled carbon nanotubes (MWCNT) observed a decrease in the enzyme activity at high concentrations (5000 $\mu\text{g g}^{-1}$ soil), mainly the levels of enzymes that play a crucial role in the N, C and P cycle, as is phosphatase. On the other hand, Rajiya et al. (2016) detected that ZnO-ENPs increased phosphatase and phytase in the rhizosphere, between 84% and 108%, contributing to the solubilization of phosphorus. In the study by Josko et al. (2020), ZnO-ENPs in soils with controlled pH (6.5) stimulated the activity of phosphatases; however, as the aging of the sample occurred, the stimulation of enzymes decreased. Aziz et al. (2019) used ZnO-ENPs averaging particle size of 460 nm. The ENPs were applied both individually and in mixture with zeolites in soil. It was observed that the activity of phosphatase and phytase increased in the rhizosphere, between 84% and 108%, contributing to the solubilization of phosphorus. In the study by Josko et al. (2020), ZnO-ENPs in soils with controlled pH (6.5) stimulated the activity of phosphatases; however, as the aging of the sample occurred, the stimulation of enzymes decreased. Aziz et al. (2019) used ZnO-ENPs averaging particle size of 460 nm. The ENPs were applied both individually and in mixture with zeolites in soil. It was observed that the activity of phosphatase and phytase increased in the rhizosphere, between 84% and 108%, contributing to the solubilization of phosphorus.

Read more >

Engineered NPs are widely being studied for their applications in sustainability of agriculture and environment.

Phytanotechnology collectively refers to application of nanotechnology in plant science and plant production systems [7]. Application of NPs in plant systems for betterment of fertilizers, pesticides and sensors aims at optimizing these inputs to meet plants requirement and minimizing the wastes. Nanoparticles are studied for their utility as fertilizers. They serve as source of macronutrients, micronutrient and carrier of nutrients with 19%, 18% and 29% efficacy, respectively, over conventional fertilizers [5]. NPs are gaining importance as smart delivery systems for increasing efficiency of existing agrochemicals [55]. Benicio et al. [56] reported that nanostructure based phosphate fertilizers increased height, dry mass and phosphate content in dry mass in *Phaseolus vulgaris* L. (Common Bean). [Read more >](#)

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Engineered Nanomaterials and Phytanotechnology: Challenges for Plant Sustainability

Muhammad Irfan Sohail, ... Tehmina Faiz, in *Comprehensive Analytical Chemistry*, 2019

2 Types of engineered nanomaterial

Engineered nanoparticles (ENPs) can be arranged into different categories, based on their size, dimension, morphology and chemical properties. Depending on their origin, chemical and physical properties, there are four main types of ENPs [21,22]. In the list of ENPs based on type of material and composition, nanomaterials are: carbon-based nanomaterials, organic nanomaterials (originated from living source), inorganic nanomaterials and composite-based nanomaterials [21,24]. Carbon nanomaterials (CNMs) are generally available in hollow tubes, spheres or ellipsoids. The CNMs are further divide into fullerenes, carbon nanotubes, carbon black, multi-walled carbon nanotubes (MWCNT), small walled carbon nanotubes (SWCNT), graphene, carbon nanofibres and carbon onions [25–27]. Carbon based nanoparticles have wide range of applications in agriculture [\[28, 29\]](#). [Read more >](#)

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Dental and Skeletal Applications of Silica-Based Nanomaterials

Shin-Woo Ha, ... George R. Beckjr., in *Nanomaterials in Clinical Dentistry*, 2013

In 2007, the European Chemicals Agency (ECHA) put into legislation REACH (Registration, Authorization, and Restriction of Chemicals) and in [2010 set their first mandatory safety guidelines](#) regarding the quantity, type of material and safety of manufacturing of nanomaterials.

Is Graphene Investible?



Standards and Regulation

EUROPE

The **European Chemicals Agency (ECHA)** works for the safe use of chemicals. It implements the EU's chemicals legislation, benefiting human health, the environment and innovation and competitiveness in Europe.

Graphene falls under the **REACH** legislation (Registration, Evaluation, Authorisation and Restriction of Chemicals) which entered into force on 1 June 2007.

Post Brexit, the UK has adopted UK REACH, regulation that applies to the majority of chemical substances that are manufactured in or imported into Great Britain (GB) (England, Scotland, Wales).

27:20 there is a graphene REACH consortium

Graphene Commercialization


The Environmental Protection Agency (EPA) put together draft (unenforceable) guidelines in 2017 that are worth less than the piece of paper they were printed on. However, the following year, NIOSH issued a [7-year safety plan](#) to protect workers who manufacture nanotechnologies.



Let that sink in. In 2018, the National Institute for Safety and Health (NIOSH) issued guidelines for workers who may be exposed to engineered nanoparticles via inhalation or skin contact, and then in December of 2020, Pfizer and the biotech industry began injecting billions of global civilians with engineered nanoparticles *directly into their bodies* and bloodstreams.

In 2014, the FDA published [Guidance for the Nanotechnology Industry](#) essentially saying it was up to the industry leaders to regulate the safety of the use of nanotechnologies in medical products, foods, dietary supplements, cosmetics and tobacco products.

Guidance for Industry Considering Whether an FDA-Regulated Product Involves the Application of Nanotechnology

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I. INTRODUCTION AND SCOPE

Nanotechnology is an emerging technology that can be used in a broad array of FDA-regulated products, including medical products (*e.g.* to increase bioavailability of a drug), foods (*e.g.*, to improve food packaging) and cosmetics (*e.g.* to affect the look and feel of cosmetics). Materials in the nanoscale range (*i.e.*, with at least one dimension in the size range of approximately 1 nanometer (nm) to 100 nm) can exhibit different chemical or physical properties, or biological effects compared to larger-scale counterparts. For example, dimension-dependent properties or phenomena may be used for functional effects such as increased bioavailability, decreased dosage, or increased potency of a drug product, decreased toxicity of a drug product, better detection of pathogens, more protective food packaging materials, or improved delivery of a functional ingredient or a nutrient in food (Refs. 1-6). These effects may derive from altered chemical, biological, or magnetic properties, altered electrical or optical activity, increased structural integrity, or other unique characteristics of materials in the nanoscale range not normally observed or expected in larger-scale materials with the same chemical composition (Ref. 7). Materials or end products may also exhibit similar properties or phenomena attributable to a dimension(s) outside the nanoscale range of approximately 1 nm to 100 nm (Refs. 27-30; see also discussion in Section II.B.5).

Tyrants of the Nanotechnology Industry Proclaim "There is NO Nanotech Industry!"

Not surprisingly, according to a [2009 Survey of Nanotechnology Leaders](#) (aka 'nanotech tyrants'), when asked to participate in a survey on the nanotech industry, the leaders of the nanotech industry first responses were to '*deny the existence of the nanotechnology industry.*'

J Nanopart Res (2013) 15:1426
DOI 10.1007/s11051-013-1426-7

PERSPECTIVES

Nanotechnology in the marketplace: how the nanotechnology industry views risk

Sean Becker

Methods and analysis

 KarenKingston.Substack


Because nanotechnology is utilized in so many different industries, it is difficult to identify one single nanotechnology industry. In fact, many individuals interviewed for the present research denied the existence of an actual “nanotechnology industry”. But nonetheless, there are companies that utilize the science of nanotechnology to varying degrees, and there are some for whom this constitutes 100 % of their operations. Although many companies simply

When asked about educating consumers, the tyrants of industry responded with the general consensus that consumer education about the use of nanotechnologies was ‘*not necessary*’ and would be ‘*bad for business*.’

Is it “*bad for business*” to educate consumers on nanoparticle technologies? Well... I don’t know...Do you think if consumers knew that inhaling, ingesting, or being [directly injected with engineered nanoparticles](#), has toxic effects on their lungs, kidneys, livers, hearts, brains and reproductive organs (including hormones and sex drive); they would have said, “*No thank you*,” or even organize a movement to criminalize the use of mRNA technologies and engineered nanoparticles in humans, animals, and even water sanitation?

Potential adverse effects of nanoparticles on the reproductive system

International Journal of Nanomedicine 2018:13 8487–8506

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Introduction

Nanomaterials (NMs) contain 50% or more nanoparticles (NPs; in number or size distribution) with one or more external dimensions in the size range of 1–100 nm.¹ Because of the small size of NPs, they exhibit novel mechanical, electrical, optical, thermal, and magnetic properties.² NPs have been widely used in all aspects of life, including biology, pharmacology, medicine, chemistry, physics, material science, engineering, and industry, but NPs can also be found in cosmetics and products that are used daily, such as clothes and food. The growing demand for NMs and nanoenabled devices worldwide was expected to reach approximately \$3.1 trillion by 2015,³ which would increase the risk of human exposure to NPs. The broad applications of NMs have raised concerns about their biological effects. Indeed, studies have shown that NPs are likely to have toxic effects on many organs, such as the brain, liver, and lungs, which are the most studied target organs.

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6294055/pdf/ijn-13-8487.pdf>

[Per the survey](#), when asked about safety regulations, the industry leaders agreed that it was in the *'best interest of consumers for the industry to regulate the safety of nanotechnologies'* because industry would *'ultimately be the ones liable for safety'* not the FDA or regulatory bodies. *"One subject added that companies cannot use regulatory decisions as a defense in a court of law and thus are the ones ultimately liable for safety in a legal sense."* Can we all agree that we [can sue Pfizer now?](#)

Nanotechnology is Nanotoxic at the Genetic Level

Nanotechnology isn't nano-amazing. It's nano-toxic. Nanotechnology is destroying the human species at the mitochondrial level - meaning it's destroying our DNA.

Potential adverse effects of nanoparticles on the reproductive system

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Abstract: With the vigorous development of nanometer-sized materials, nanoproducts are becoming widely used in all aspects of life. In medicine, nanoparticles (NPs) can be used as nanoscopic drug carriers and for nanoimaging technologies. Thus, substantial attention has been paid to the potential risks of NPs. Previous studies have shown that numerous types of NPs are able to pass certain biological barriers and exert toxic effects on crucial organs, such as the brain, liver, and kidney. Only recently, attention has been directed toward the reproductive toxicity of nanomaterials. NPs can pass through the blood–testis barrier, placental barrier, and epithelial barrier, which protect reproductive tissues, and then accumulate in reproductive organs. NP accumulation damages organs (testis, epididymis, ovary, and uterus) by destroying Sertoli cells, Leydig cells, and germ cells, causing reproductive organ dysfunction that adversely affects sperm quality, quantity, morphology, and motility or reduces the number of mature oocytes and disrupts primary and secondary follicular development. In addition, NPs can disrupt the levels of secreted hormones, causing changes in sexual behavior. However, the current review primarily examines toxicological phenomena. The molecular mechanisms involved in NP toxicity to the reproductive system are not fully understood, but possible mechanisms include oxidative stress, apoptosis, inflammation, and genotoxicity. Previous studies have shown that NPs can increase inflammation, oxidative stress, and apoptosis and induce ROS, causing damage at the molecular and genetic levels which results in cytotoxicity. This review provides an understanding of the applications and toxicological effects of NPs on the reproductive system.

Keywords: nanoparticles, toxic, reproductive, sperm, ovary, ROS

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6294055/pdf/ijn-13-8487.pdf>

Nanotechnology has infiltrated all areas of our life. We've been told nanotechnology is all 'in our imagination,' and even if it does exist, 'it's perfectly safe.'

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Late lessons from early warnings for nanotechnology

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Nature Nanotechnology **3**, 444–447 (2008) | [Cite this article](#)

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A new technology will only be successful if those promoting it can show that it is safe, but history is littered with examples of promising technologies that never fulfilled their true potential and/or caused untold damage because early warnings about safety problems were ignored. The nanotechnology community stands to benefit by learning lessons from this history.

Nanotechnology is the latest in a long series of technologies that have been heralded as ushering in a new era or even the next industrial revolution. Since 2001, nanotechnology has grown from little more than a gleam in the eyes of researchers to a technology projected to be worth \$2.6 trillion in manufactured goods in 2014¹.

July 20, 2008 <https://www.nature.com/articles/nnano.2008.198>

Nanotechnology may be invisible to the human eye, but it is very real. Nanoparticle technologies were developed as weapons of mass destruction and are now being used to injure us and our children through adulteration of our medications, supplements, food, water, and through the most potent delivery mechanism, in 'vaccines.'

The only reason why nanotechnology has grown into a global, multi-trillion dollar industry that is slowly disabling and sterilizing humanity is because it has been kept as secret from global citizens. Why are so many medical freedom leaders in lock-step with denying the existence of these technologies, specifically the use of nanoparticle technologies in the COVID-19 injections? Were they told that if they bring up nanotechnology during interviews that they will be blacklisted from larger media platforms and kicked out of the movement? (like I was told).

Showing Light on the Darkness is the Only Way Out

Nanotechnology is the one topic that is imperative to remain a secret in order to force a bio-digital dystopia upon humanity and for our enemies to win.

If scientists, doctors, and attorneys continue to look for lab-made biological origins to explain a nanotechnology assault on the human species, humanity will be left in the dust.

[mRNA 'vaccines' and 'coronaviruses' are advanced engineered nanoparticles.](#) They are self-assembling nanotechnologies that develop from the nano size to the micro size to the scale of visible synthetic structures inside the human body, aka '*white fibrous clots that do not not dissolve.*' See #diedsuddenly

Do we deny the existence of these mRNA engineered nanoparticles because we have medical, legal, and mRNA experts who can not be questioned or debated because when they say '*There is no nanotech,*' that means "***There must be no nanotech!***"

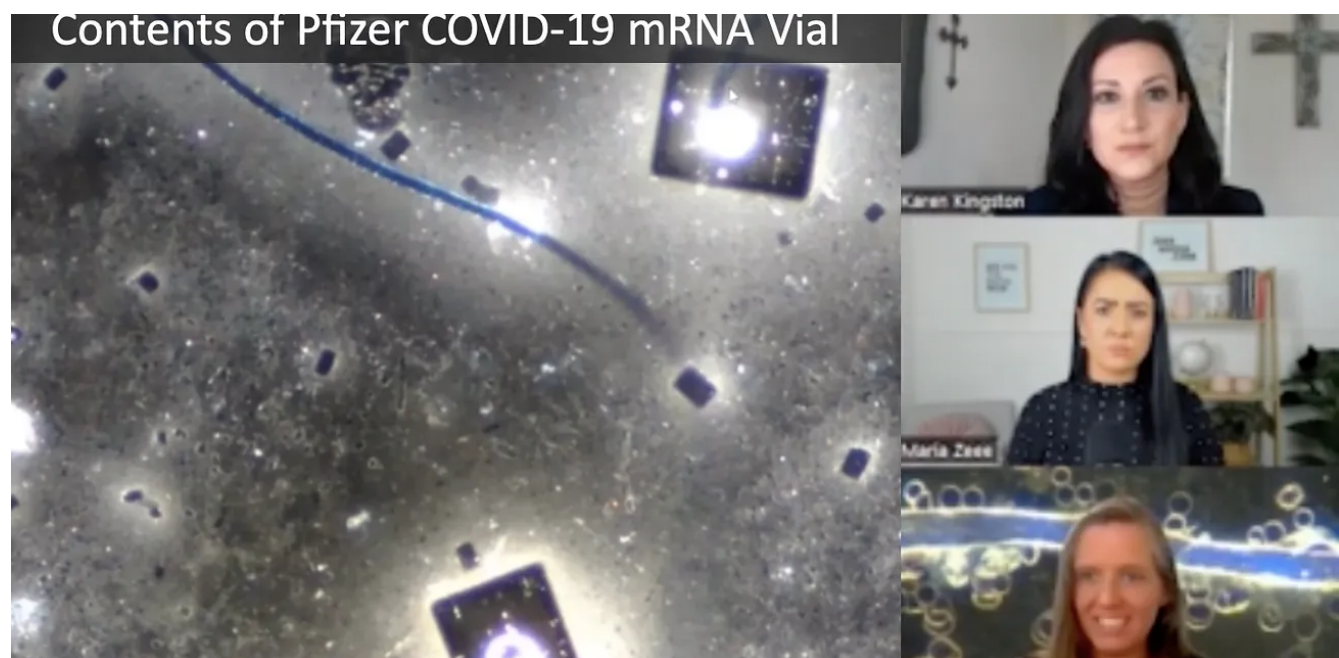
Despite what other experts have found in the COVID-19 vials and vaccinated blood; despite hundreds of patents, thousands and thousands of peer-reviewed journals, corporate pharma websites, FDA filings, and a more than \$3 trillion nanotechnology industry that exists right here and now across our food supply, cosmetics, supplements,

water transportation, water filtration, medicines, and vaccines, including \$billions in the manufacturing of graphene oxide nanoparticles.

A select few leaders have shown us dozens of credible documents or actual vaccine vial samples or blood samples, showing us the evidence of nanotechnology in the COVID-19 injections in a way we can easily understand and quite literally *'see for ourselves.'*

Are Synthetic Biology, mRNA and Ai Directing the Evolution of Humans to the Point of Extinction?

KAREN KINGSTON · JUN 9



June 9, 2023: On June 2, 2023, I had the honor of being part of a synthetic biology (SynBio) discussion with two pro-freedom, pro-humanity leaders that I greatly respect, appreciate, and consider dear friends, Dr. Ana Mihalcea and Maria Zee. While SynBio experts

[Read full story](#) →

What if some of the leaders of the Freedom Movement have been manipulated, bribed, or even blackmailed into avoiding the discussion of engineered nanoparticle technologies? Are we unknowingly supporting the controlled opposition to our own mission of restoring America and seeking justice against those who waged this bioweapon attack on humanity? How can you tell if someone is an independent critical

thinker or being controlled? Easy, ask them to address the self-assembling nanotechnology in the COVID-19 vials and blood of the vaccinated.

We Must Unite

I do agree we must unite, but we must unite under truth and God. Pray that leaders will stop going along with the false narrative that *'there is no nanotech'* out of fear of being cast out of the 'leaders of the freedom movement' or simply because they're too prideful to admit they got something wrong.

None of us are infallible. Getting something wrong regarding the convergence of the most advanced fields of biology and technology ever to be developed in the history of mankind is to be expected.... that is...if you're still human.

May God save humanity.

The Kingston Report. TRUTH WINS.

Colossians 2

I want you to know how hard I am contending for you and for all who have not met me personally. My goal is that they may be encouraged in heart and united in love, so that they may have the full riches of complete understanding, in order that they may know the mystery of God, namely, Christ, in whom are hidden all the treasures of wisdom and knowledge.

I tell you this so that no one may deceive you by fine-sounding arguments. See to it that no one takes you captive through hollow and deceptive philosophy, which depends on human tradition and the elemental spiritual forces of this world rather than on Christ.

I strongly recommend subscribing to [Dr. Ana Mihalcea's SubStack](#) to stay up to date on nanotechnology and for effective treatments to detox.

[Final Days](#)