

Gene Editing Microbes

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A new existential threat that demands immediate action is the editing of microbes and gain-of-function technology. For decades this technology has been carried out in secrecy with unlimited funding from our taxes. There is little if any transparency or checks and balances. Because of the complexity of this technology, most people don't have a clue about what is being done or its consequences. Worse, few if any, members of Congress or Parliaments around the world have much knowledge or concept about this technology and its consequences. Yet, they keep funding billions of our tax dollars for these dark and deadly projects under the guise of public health or national security, when in fact, this mad science has nothing to do with either! Is anyone even asking who benefits and what is at risk?

How many people today recall the headlines that proclaimed, "*A Biological Apocalypse Averted*," "*How One GMO Nearly Took Down the Planet*," and "*How a Biotech Company Almost Killed the World*." If you missed this near cataclysm you're not alone. It took place about 30 years ago, but was quickly covered up and denied by the biotech industry, using tactics we are now all familiar with.

The severity of this nearly tragic event, however, is brilliantly revealed in the award-winning 16-minute film [Don't Let the Gene Out of the Bottle](#), by Jeffrey Smith, a former *Masters of Health* Person of the Year. His short movie documents genetically modified (GM) microbes that might have wiped out terrestrial plant life, changed weather patterns, and decimated the population. Its most sobering revelation is the threat from new gene editing technology. In fact this cheap and easy method for creating GM microbes can put the world and humanity on a crash course with disaster—unless something is done very soon to bring it to the light, demand transparency, and reign it in with checks and balances. Education is a good place to start. To learn more, go to [ProtectNatureNow.com](#). In addition, governments need to divert that funding to support real public health and protect our planet, its ecosystem, humanity, and future generations.

Our collective vulnerability lies in the microbiome; the microbial ecosystem within and around us. More than 50,000 studies conducted over the last 5 years confirm that microbes living inside our bodies are foundational to our health. The composition and balance of our microbial community can dictate whether we are thriving or diseased, fit or overweight, even calm or anxious. Our species co-evolved with the microbiome, and we outsource countless daily functions to these tiny organisms. The same is true for the environment where the microbiome plays a critical role in the health of soil, forests, oceans, even the atmosphere. Our inner and outer environments are inseparable!

The gene editing we are referring to, creates entirely new microbes that were not products of evolution. Their unique DNA sequences can spawn changes in the microbiome that can damage health or collapse ecosystems. Moreover, GM microbes released anywhere may travel the world, mutate, and exchange genes with countless other types of microbes. They

are untraceable, unrecallable, and may influence global microbiomes in unpredictable ways. Once the gene is out of the lab, there is no way to undo the damage.

Gene editing is now widely available and virtually unregulated. From DIY kits sold on Amazon, to home labs, to gene editing robots driven by artificial intelligence, the number of GM microbes released over the next generation may be in the millions. Each release multiplies the probability of disaster.

Fortunately, an emerging global movement addresses this new threat. Introduced by the Institute for Responsible Technology (IRT), [*Protect Nature Now \(PNN\)*](#) is raising public awareness, generating political urgency around regulations, and building global opposition to the release of gene edited microbes. It will also link up with other groups as everything is connected.

[*Protect Nature Now*](#) does not seek to ban contained (indoor) use of GM microbes, except in the case of “gain-of-function” experiments. This highly controversial research enhances dangerous pathogens to the point where, if they escaped, they could create deadly new pandemics. The film describes one such experiment, which created an airborne version of a flu virus that is up to 24 times more deadly than COVID 19.

After watching [the film](#), it is vital that we all help support [*Protect Nature Now*](#) in what ever capacity we can—([link for donation](#)) and for those who can afford it, making a monthly donation will help pass national and international laws and safeguard all living beings, along with future generations.

[*Protect Nature Now*](#) crafts the message so that existing networks, industries, and movements can take it as their own and mobilize to get the word out. The environmental movement provides an excellent example. Regenerative Agriculture provides a natural system to recycle excess atmospheric elements back into the soil. This requires a healthy soil microbiome.

When leaders in Regenerative Agriculture learned about [*Protect Nature Now*](#), they immediately jumped on board and are now finding ways to support the movement.

With your help, [*Protect Nature Now*](#) can create the full array of materials needed to educate and empower many different organizations and movements around the world. Automatic monthly donations provide the financial stability to hire staff, create new assets, etc.

Also, please share [the film](#) with your social media network, family, and friends, so that everyone can learn about and support this world-saving endeavor. [Please Donate](#).
And, click on: [Yes! Sign me up for action alerts and news!](#)

About twenty-three years ago, I joined with Laura Geeslin (formerly, Laura Ticciati), Director of Mother’s For Natural Law, (a branch of the Natural Law Party) to help get signatures for their petition and educate the public about the dangers of GMOs. Back then, the average consumer knew nothing about GMOs. While we have made much progress, there is still more we need to do as this powerful industry and their GMO technology advances into our food supply. For the industry, it is all about control of our food supply and profits

from what they control. This technology has nothing to do with feeding the world, agriculture biodiversity or food security, or our health and well-being and that of future generations. The *Protect Nature Now*, campaign exposes the dangers of gene editing microbes and provides the path forward with solutions.

NOTE: Information for this article was obtained from the IRT and its Founding Executive Director, Jeffrey Smith. The [Institute for Responsible Technology](#) (IRT) is no stranger to movement building. Jeffrey and his nonprofit institute pioneered the messaging about GMO health dangers that ultimately led to today's tipping point, where 48% of the world's consumers believe that genetically engineered foods are not safe. Over 25 years, Jeffrey Smith, gave 1,000 talks in 45 countries, trained 1,500 speakers, organized over 10,000 advocates, directed 5 documentaries, and authored 2 books, including the #1 global GMO best seller, *Seeds of Deception*.

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