

CAN WE START A LEGAL FIGHT AGAINST THE DEVASTATING DANGER OF THE CRISPR DNA TECHNIQUE?

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Dear friends,

For the past months I've been studying and reading as much as possible on what only came to my attention recently as the new CRISPR/cas9 DNA manipulation technique.

I am in total shock since my research...

The consequences of CRISPR are more horrifying and dangerous than all we have encountered with GMO or Climate Change.

With CRISPR, scientists are heading to uncontrollably change ANYTHING they can or want for whatever personal or financial interest they or their clients have, and here due will create a total chaos and destruction of Nature's wise and inscrutable cycle of its realms - **currently all without existing legislation!**

I therefore stress the importance of creating a political and social platform to discuss how we can rapidly act towards concrete legislation. Since there are no laws yet about the CRISPR technique and as it is not GMO, so far the United States Department of Agriculture -amongst other authorities like FDA- think it's ok to use it and haven't made regulations yet.

The CRISPR technique is being promoted as easy to use, and therefor even a student can experiment with DNA changes, disregarding its consequences and major effects in Nature's laws - which will hold to generations on end.

We saw the catastrophe that happened to the bees, which were almost extinct mainly due to the use of pesticides. Ignorant of the consequences for different insects and the important task they have in nature.

We witnessed GMO crops mono culturing and draining the environment. The pesticides used to 'protect and ensure' the growth of GMO crops, need to be continually increased and intensified due to Nature's weeds that evolve into superweeds.

Recently revealed in a federal court, also probably leading to serious carcinogenic health problems. GMO seeds being patented resulting in a billion business and a few multinational's raise to power to protect their practices.

As a result, lies, misinformation, shady marketing, and biased lawmaking have ensued, leading to years of lawsuits.

As you can read in businessinsider.com*,

now CRISPR is at the horns of the cows:

“(...) In the modern agricultural industry, the cows used in dairy production have to have their horns removed to prevent the animals from goring each other while in tight living conditions”.

—> How did it become legally and socially completely taken for granted to let cows live under such tight conditions, and that no law is striding against this? “(...)

The recommended approach now, (...) is to use a local anesthetic and a burner to remove the horn buds before they've grown into horns. Still, he agrees it's something that most would rather not have to do. (...) "It's rough, it's bloody, it's a mess”.

—> How did it become legally and socially completely taken for granted to maltreat and deform cows for commercial ends, and that no law is striding against this?

“Cows with horns may soon be a relic of farming’s painful past”. Now scientists change DNA and “production of hornless dairy cattle from genome-edited cell lines” is a reality.**

—> How can we make sure this DOES NOT become legally and socially taken for granted? How can we fight to create laws that will prevent a market-driven way of using, misusing and simplifying Nature as if it were only and a mere product of commerce!

The Business insider article describes years of legally conducted barbaric and criminal behavior in this industry. How is this even possible if you put it -for example- in relation to any pet owner’s one-time maltreatment of his dog or cat, that he can be haunted and even send to jail for it **under great dismay and horror of the public?**

Why do we -the public- accept the ways of the industry as if it is normal and has nothing to do with us personally and still fear we can personally do nothing about it?

Now, the industry, only comes out and admits its horrifying actions, not because they think we will take them to court, but because they want to show the public that the CRISPR DNA manipulation technique is the humane way to unnoticeably eliminate the problems of the horns. Thus cows will be created merely as meat or milk objects / products - without any connection to their livelihood, the animal world and our Nature world that they are part of and have a right to live in as they are.

Lets unite and build a front that demands governments to sit down and create laws that protect us of the free market in CRISPR technique.

We say:

1. Nature, man and the animal world are a whole and should remain in natural harmony. Therefor changing one element will change and have effect on all elements.
2. Genetically removing horns is against the cows right to be a cow like Nature created and intended it. The horns are physically needed to create a hierarchy within the flock.
3. An animal is not an industrial product, nor should scientists manipulate Nature into products that a few powerful multinationals can patent and profit from or gain unhealthy power with. We have to fight this LEGALY, LOCALY and GLOBALLY.

Please think of whichever personal or professional skill or connection that you have, that can be of ANY HELP in creating an active platform. Feel free to contact me.

Thank you for your attention, Margalit Laufer +31616452990 | [margalitlaufer\(a\)me.com](mailto:margalitlaufer(a)me.com)

* <http://www.businessinsider.com/recombinetics-genetically-edited-cattle-without-horns-2016-5?%20international=true&r=US&IR=T> ** <http://www.nature.com/nbt/journal/v34/n5/full/nbt.3560.html>
<https://www.nytimes.com/2017/03/14/business/monsanto-roundup-safety-lawsuit.html>
<https://www.theguardian.com/environment/2017/mar/07/un-experts-denounce-myth-pesticides-are-necessary-to-feed-the-world> <https://geneticliteracyproject.org/2016/05/11/gene-edited-hornless-cow-improve-animal-welfare-regulatory-fate-unclear/> https://www.nytimes.com/2017/01/09/science/genetically-edited-foods-crispr.html?_r=1
<http://woodstocksanctuary.org/learn/animals-used-for-food/cattle/> <https://www.biodynamic.org.uk/why-are-cows-horns-important/>