DARPA Hydrogel Use As 5G Triggered Bioweapon – May 5 2021

It has recently come to my attention that nasal swabs used for sample collection for covid 19 PCR testing in Slovakia were found to be manufactured using hollow nylon nano-tube type fibrous tips, instead of cheap abundant safe and natural cotton, with the tips of these nylon nano-tubes apparently filled with a substance claimed to be DARPA Hydrogel made by a company associated with Bill Gates named Profusa (sounding like 'pro-infuse or pro-infusion').

An advanced US Military Defense Industrial Weapons Project technology that is claimed to be a biological-electronic human interface health data gathering information technology for the benefit of mankind that can both send and receive critical health data from within the human body to indicate problems before someone is even aware that they might be sick.

Now if that doesn't strike you as total BS, coming from an industry whose sole purpose is to kill and murder people globally for 'defense' purposes, when we all know their objective is full spectrum control of the planet with wars whose aim is for global domination and one world government.

We only need dig a little bit into this so called benevolent 'claim' from the US military to see what is most likely really going on here from a practical RF physics perspective, a view which leads me to believe the real utility of this so-called hydrogel bio-weapon, as it pertains to the current covid 19 plandemic, is to deliver a time delayed deadly poison to the blood at some future date in time that will be blame on some new deadly strain and/or 5G.

Thankfully we don't have to dig far to expose these supposed claims as false, only 2-3mm deep will show us what we need to know to come to some very basic conclusions.

Images from pdf file: https://www.batteryblog.ca/wp-content/uploads/2021/05/Analysis-of-test-sticks-from-surface-testing-in-the-Slovak-Republic.pdf

Figure 1 and 2 Nylon hollow fibers at the broken end of test swabs.

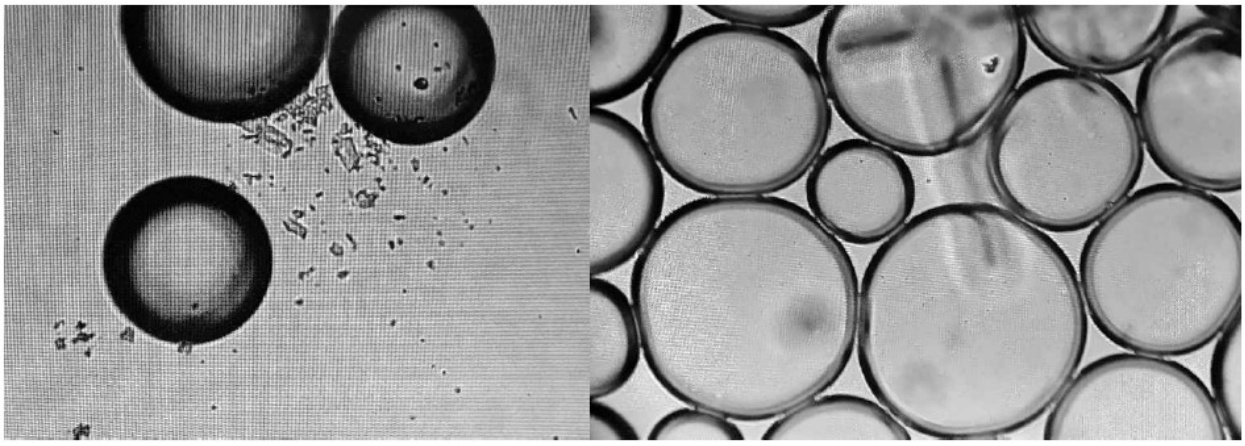

Figure 8 and 9. Darpa Hydrogel beads that form the content of hollow nylon fibers.

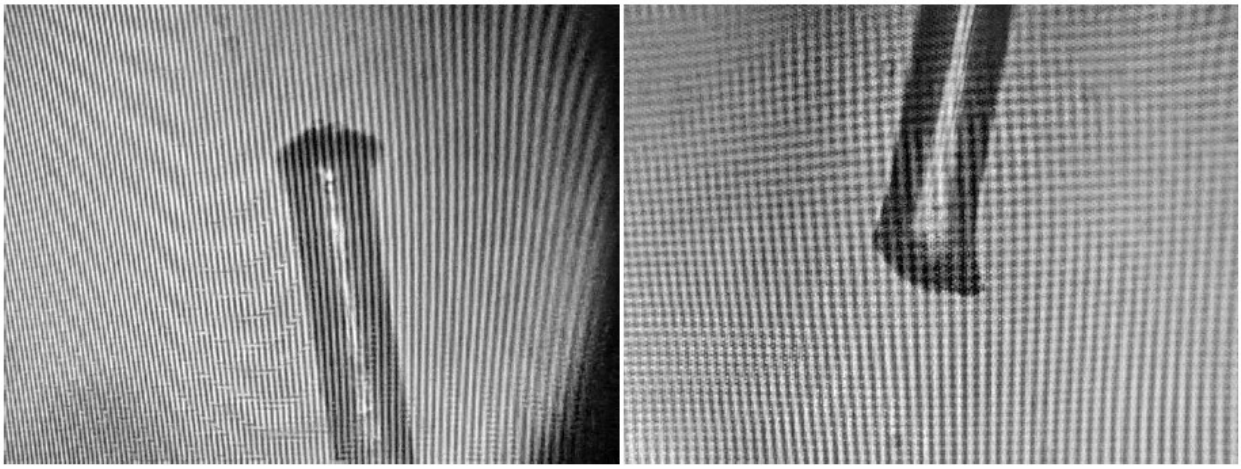

Figure 4 and 5 Broken-shaped ends - their task is to disrupt the epithelium (surface layer) on the mucosa, thereby also their breakage and subsequent leaching of the fiber content - Darpa Hydrogel and Lithium. The threads are patented [by Darpa].

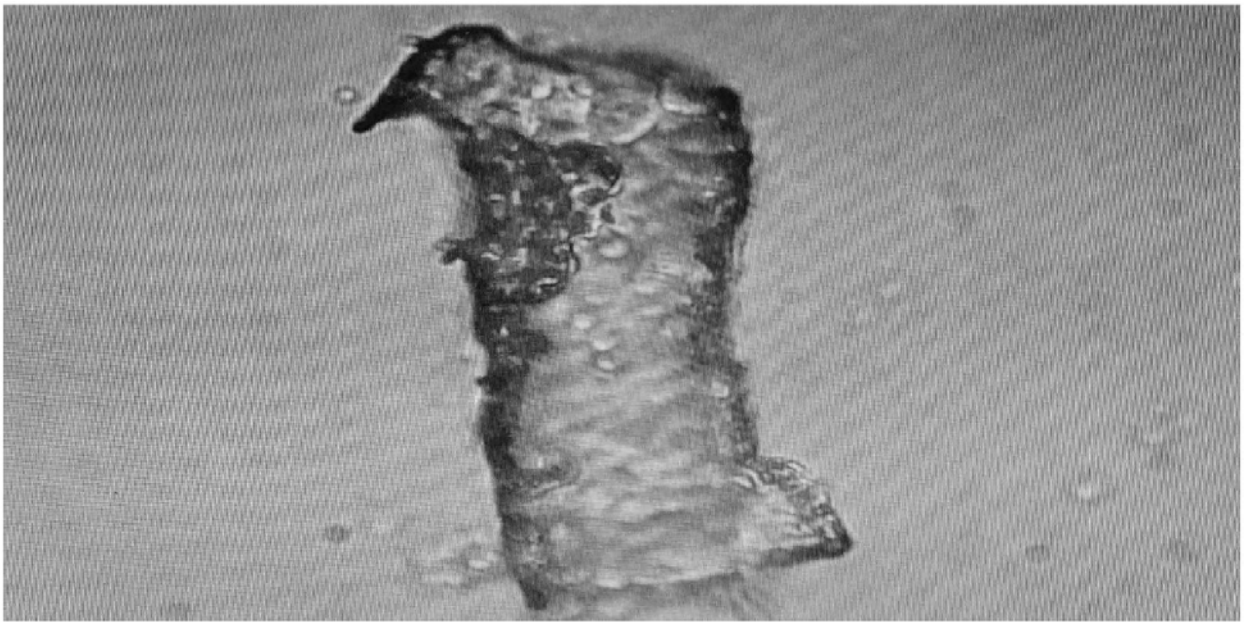

Figure 6 longitudinally open fiber with broken end and Darpa Hydrogel content balls.

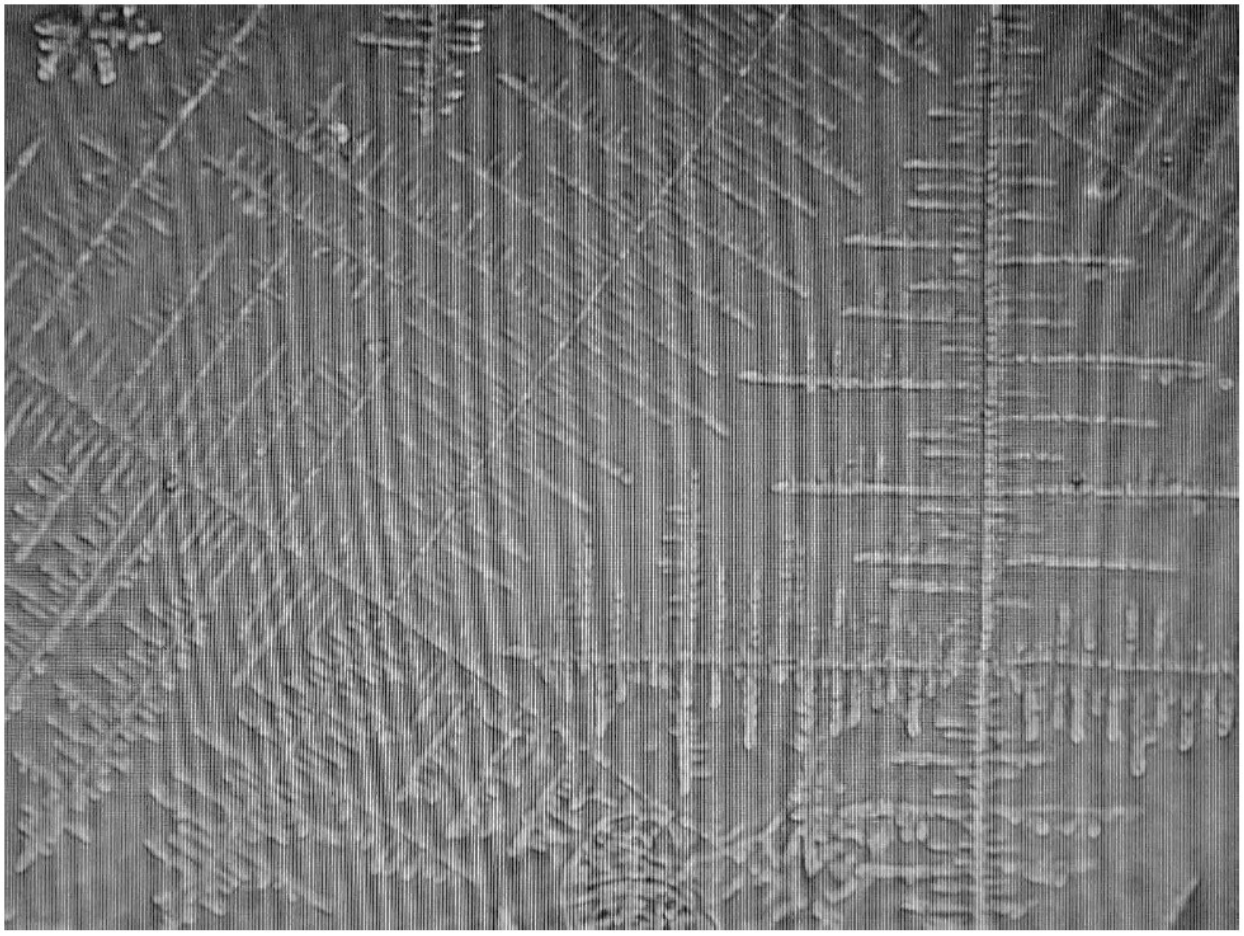

Figure 12. Result of crystallization after 24 hours.

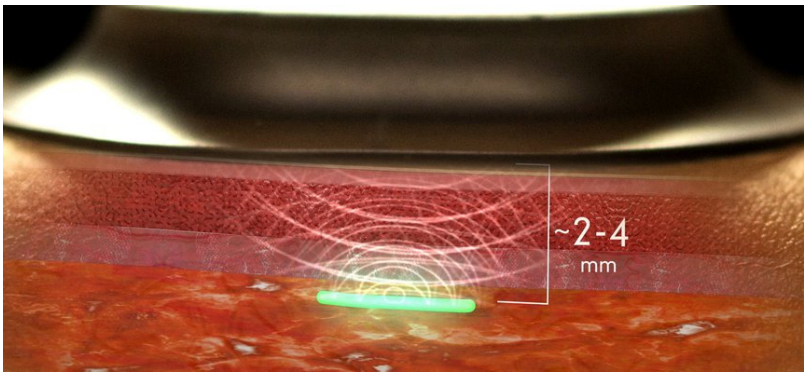

Figure 10 A hydrogel biosensor (a piece of implantable nanotech) may be used in an upcoming COVID vaccine to monitor your bodily activity – and more.

Above Figure 10 image and description is from link,

https://thefreedomarticles.com/hydrogel-biosensor-darpa-gates-implantable-nanotech-covid-vaccine/

The idea being floated by the media everywhere is that these hydrogel antennas form a two-way communications system to provide health data transmission from a person's body that can be externally detected and deciphered, which on the surface seems utterly ridiculous to me, and I claim the truth is that it these are intended as **receiving antennas only.**

How can I say this with any confidence?

Well to start with I have my B.Sc. electrical engineering and a RF communications technology diploma as well as extensive real world hands on experience working with designing and tuning of high powered RF microwave amplifiers and low power receivers for solid state RF communications systems back in the early to mid 1990s. I worked a few years extensively with RF systems and electronics development of SSPA – Solid State Power Amplifiers ranging in frequencies from DC to 13.2 GHz up to 10 Watts for the US military on many projects plus other projects in Canada for cable TV and satellite communications and point to point microwave, so I know and have real hands on experience of where I speak and propose two claims to the negative and one claim to the positive that support my position on this subject today.

I no longer do RF work but have extensive experience also currently with the design and manufacturing of power magnetic components and materials and properties for used in switching power supplies, design and manufacture of switching transformers and chokes and other devices magnetic and electrical in nature.

First thing to note, is the relative size or length of the depicted 'hydrogel biosensor' claimed for use showed implanted 2-4 mm below the skin surface as shown in Figure 10 above, so relatively speaking, looking at that picture, it appears the length of the device is also about 2-3mm in length or maybe as much as 4mm max. might be guessed from looking at photo. So this is basically is the precise length you'd want in order to match somewhere within the 5G RF spectrum perfectly. Anywhere close is fine as the frequency will be varied.

Claim 1 - Negative: Whatever conductive properties these supposed crystal-polymer-lithium-ion-doped-antenna conductor have, when surrounded by regular muscle, fat or sub-surface skin tissues, tissues that are not located in the electrical parts of the body such as the heart, brain or biochemical nervous system or any other place where necessary electrical activity is essentially taking place where it could cause a short circuit and other electrical problems to the body.

I don't think any regular human tissue, such as the type just below the layers of skin or in the shoulder muscle area or up inside the nasal passage way will really generate a significant voltage source across these implanted antenna devices that could drive enough electron current to act as a transmitting antenna at 5G over, how could such voltage exist in the body over such a short physical distance of only 2-4mm, the length of the antenna? Tissue that relative to the antenna, must be an insulator, meaning simply that the antenna material itself is much more conductive in relation.

I don't know how it's possible for our tissue, being basically an insulator surrounding this tiny little short conductive device, is going to generate any significant voltage and the associated current needed to drive this little passive antenna, to get it to resonate for millions of cycles long enough in the 5G frequency range of 25-40GHz to be detected by some external receiver? I say no way.

Without using some internal power source to boost this supposed biological signal, the 'initial signal coming from within the body' to a level that could actually drive an antenna at a power level and frequency of 5G is crazy talk and likely impossible or at the best very difficult to do and detect, full stop. So i say no way it can possibly be transmit anything detectable, and even if

it did, how could it be in any way meaningful, what possible information could it contain? It makes no sense to me.

Claim 2 - Negative: But let's assume for a minute that somehow it can generate a very short 5G pulse burst of RF signal strong enough to be detected, let's say due to a very large muscle contraction or some other internal chemical process occurring nearby (which are very slow speed processes and not even close to 5G speeds) differently at one end of the implant versus the other, in order to induce voltage, let's say if this is possible, what important medical information could be contained in such a meaningless signal that may indicate you moved a muscle in your arm or nose? What possible medical information could be interpreted from such a useless signal? I don't know and suggest it would be mostly meaningless and has no practical medical purpose whatsoever.

This fact alone I think destroys the whole bidirectional premise of their claimed benevolent technology and use for good by DARPA's military scientists touting it in the MSM.

Even if the hydrogel crystal implanted antenna could somehow generate a very weak signal, what receiver could possibly detect such a faint RF signal against the background noise of our cosmic and earthly radiation that's going on all around us all the time starting from the big bang. Plus all the natural and manmade signals of our planet today with satellites orbiting the earth in space beaming signals up and down all over the planet, plus now all these new 5G cell towers installation going in currently for cell phones popping-up everywhere all using the same 5G frequency spectrum as these so called, innocent little biomedical antennas?

How the hell is a little passive signal generated from within the human body from a little supposed naturally occurring power source of unexplained origin going to generate a clear 5G carrier signal to be strong enough and persist long enough to overcome and out-power all the surrounding background noise and systems powered by batteries and/or plugged into the AC outlet or power grid of a base station with unlimited power; systems running everywhere continuously at high power, relative to these so called internal passive 5G transmitters. BS.

So it is ridiculous to think that these implant antennas devices could ever be strong enough to send out a signal, using no extra power, never mind containing any kind of useful data.

The only way maybe you could possibly see something would be if you went deep underground a few miles into a lead lined room with a super cooled NASA space RF receiver tuned for 5G, then you might be able see a tiny little blip of signal, for a tiny moment in time, if someone moved a muscle, but even that I would be skeptical. It's just not there from what I can see.

RF communications physics are well known and the signal to noise ratio is always the deciding factor for all 'modulated communications – containing information' RF carrier type communications. So it is the signal to noise ratio of the carrier at 25-40GHz that ultimately determines whether a system can even operate, never mind carry data, and up to what distance and conditions are all determine by how clear the received signal is above the noise floor which is also received by the receiver, hence the need for a stronger signal than noise.

So very low power, short duration, one-time non-repetitive signals are almost impossible to detect and receive. It's equivalent to someone whispering a single word, like hello, over a two

hour period long rock concert. No one's ever going hear you whisper one little word, or even an incoherent noise.

So I will remain highly skeptical of any truth to the claim that this antenna is a bio transmitter and suggest this claim is false and only being used to throw people off from the truth of what it really is, a 5G receiving antenna only.

This type of EMF lie also applies to all the recent talk over the last decade about some type of new weapon called an EMP or Electro-Magnetic Pulse bomb that we keep hearing about that are capable of knocking out the power grid by detonating a nuclear bomb high up in the atmosphere above, but I don't believe any such device actually exists either, as the EMF energy level dissipates as the inverse of distance from source in an isotropic sphere calculated by one over the radius squared (1/r^2), so even if it did work, at long distance it would be a waste of energy to convert it to EMF from its original form, massive heat energy and the expansion of pressure and gas, to an EMF form.

From an RF perspective, it seems like a total waste to try and convert so much perfectly destructive energy of a nuclear blast into an EMF signal to try and knock out the power grid?

Why use an EMP for that when you could just use the bomb to hit the power station or grid directly instead of hoping a partial conversion to EMF energy to somehow technically destroy the grid with some kind of surge, a surge worse than a lightning strike (which are shunted to ground to protect the system)?

A transfer on energy of this sort is unheard of over such large distances by use of EMF pulse that until this new EMP theory became popular as it has over the past decade. This theory i don't think has ever even been demonstrated on a small scale or in a lab, never mind on a large scale using a nuclear bomb, so I am skeptical of this non-sense claim as well also from the US military, but this is a different topic from 5G hydrogel antennas we are concerned with here, but just figured it was worth mentioning too since we're on the subject of US technical BS.

So again, another fantastic claim with no evidence or proof supporting it, either in theory or by experiment that I'm aware of.

So suspect the reason for all the talk about these EMP attacks is because they are planning to cut the US / North American power grid at some time in the future (Texas), and blame it on a terrorist EMP attack, so is all just a setup so that the public are preprogrammed to jump to this wrong-headed conclusion next time a major power outage occurs as a result internal-domestic-sabotage, but will be blamed on a fictitious EMP attack.

Claim 3 - Positive: These lithium doped conductive hydrogel crystal structures, in the range of 2-3mm long would work prefect as a receiving antennas of an outside RF energy source / EMF fields in the 5G range of 25-40GHz.

As an implanted receiving antenna, the amount of energy received will be predominantly a function of the conductor's length which determines its ability to match or resonate when subject to the desired external frequency, with the sole objective being to heat-up the antenna by RF absorption causing it to change state and release its pathogens.

This is similar to the heating of any conductors when placed in an MRI machine (or within your microwave oven by accident), if you have any metal particles in your eyes or anywhere within your body, you cannot have an MRI because the very strong low frequency alternating magnetic fields generated by the machine will induce strong eddy currents into any conductive objects in your body and create high circulating currents and heating. A similar action to how an antenna works at 5G if the length of the conductor is just right, or close, it will match the field for resonance and a standing wave of alternating current will be induced into the antenna itself, a counter EMF in opposition to the external EMF, hence resulting in absorption of 5G RF energy and heating effect.

Primary sources for this 5G heating energy I suspect would come from foremost 5G phone handsets themselves as they can transmit, if similar to current 4G phones, up to 1-3 Watts of power, right close to your head, face and shoulder area, likely enough I guess to melt these hydrogel crystals devices or alter them in some way to release their poison. Second would be the cellular base station towers, which could be located miles away from a victim but if nearer to the tower, the power levels could be off the chart, so may want to stay far away from them to if you have one of these implants.

All antennas work by inducing currents that resonate in the conductor at just the right frequency for its length for which it is designed to operate, giving it gain and directionality at that frequency, or close to it, with the key factor being its length, and more precisely, the length needed for a ¼ wave dipole type antenna to match perfectly with 5G.

So the dimensions for a ¼ wavelength dipole antenna for 5G are very simple to calculate and is what pulls this all together for us now.

Wavelength of all RF signals in free space, air / or vacuum, are calculated by the speed of light divided by the frequency. It becomes a little slower when travelling though flesh or water causing slightly shorter wavelength once the EMF enters the material of the human body, but this change is minor and not significant for our purpose here today either since nothing about any of this is precise. It's all just in the right range to work.

So for 5G which claims to operate in the 25-40GHz band, at 40GHz the wavelength in free space is (3x10^8m/s)/40GHz = 7.5mm so the ideal length for an antenna at this frequency being a quarter wave length dipole is just **1.875mm at 40GHz**, and at 25GHz, the length wavelength is 3x10^8m/s / 25GHz = 12mm, so **¼ wavelength at 25GHz is 3mm exactly**, so we have perfectly the required antenna dimensions needed to receive 5G at around basically the 2-3mm length for a perfect matching ¼ wave dipole antenna.

So then what happens? Well, my guess is these little conductive crystal antennas heat up when exposed to high enough power at 5G for long enough that it causes them to resonant, heat-up and and melt, or change state somehow of the crystal structure, causing it to release some type matter or pathogen contained within it, part of the original hydrogel solution that was locked up in the crystal, such that an assortment of mrna type nano-bots could theoretically be released upon exposure to high strength 5G RF power.

So all they have to do now is get everybody injected with these things and then wait to use it as they see fit or as the 5G systems continue to ramp up and become popular, lots of people will start getting sick and will actively spread and shed deadly proteins that they will blame on 5G.