

Review

## Wireless Technologies (4G, 5G) Are Very Harmful to Human Health and Environment: A Preliminary Review

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### Abstract

The intent of this article is to show that wireless technology is, without remedy other than termination, one of the most devastating environmental and health threats and threats to personal liberty ever created. It is becoming widely known that 4G and 5G technologies cause many harms to human health. Cancer is only one problem, and one that is easily solved. 4G and 5G cause 720! (factorial) different maladies in human beings, and can kill everything that lives but some forms of micro organisms. Some pathogens and certain parasites are made more virulent by selected frequencies of RF. Insects and birds are already being killed by the RF broadcasts. The broadcasts can be controlled to give selected individuals selected maladies. All this needs to be stopped. There are other ways to communicate that do not require radio waves, nor wires, which cause no damage to any form of life. We need to make those methods available to the public, while all the RF systems are being phased out.

### Introduction

So many people are more and more accustomed to a wide variety of wireless technologies.

However, allow us to argue on 4 reasons why wireless technologies should be stopped:

- Wireless technologies disrupt family relations
- Wireless technologies induce 720! Different maladies, cancer included

- Wireless technologies especially 4G and 5G potentially damage environments
- Wireless technologies steal privacy from everyone using those technologies

It is becoming widely known that 4G and 5G technologies cause many harms to human health. Cancer is only one problem, and one that is easily solved. 4G and 5G cause 720! (factorial) different maladies in human beings, and can kill everything that lives but some forms of micro organisms. Some pathogens and certain parasites are made more virulent by selected frequencies of RF. Insects and birds are already being killed by the RF broadcasts. The broadcasts can be controlled to give selected individuals selected maladies. All this needs to be stopped. There are other ways to communicate that do not require radio waves, nor wires, which cause no damage to any form of life. We need to make those methods available to the public, while all the RF systems are being phased out.

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Figure 01: Illustration, after Peter Tocci [1]

### Potential Harmful Effects of Wireless Technology to Human Bodies, Carcinogenic Etc

According to Peter Tocci:[1] “By all appearance, world governments, world organizations such as the WHO and UN, and international agencies—even the supposedly independent International Commission on Non-Ionizing Radiation Protection (ICNIRP), which issued draft guidelines on 7/11/18 for exposure to electromagnetic fields (100 kHz to 300 GHz)—knowingly participate in a dangerous deception based on scientific fraud: The arbitrary presumption and single-minded assertion as an operating principle that the only potential danger from ICMR is tissue heating. Included is the extreme effect, ‘electro-stimulation,’ comprising shocks and burns. As of this writing (December 2018), worldwide telecom exposure limits are based on the stultified parameter of tissue heating/electro-stimulation.”Furthermore, Tocci also wrote:[1]“Also, it’s not unusual to see argument to the effect that, “Some studies show harm, some don’t,” with the implication or assertion that wireless should continue, because the latter ‘cancels out’ the former, or makes the situation ‘inconclusive.’ This conflates scientific principles and ‘legal-speak.’ ‘Weight-of-evidence’ is foreign to science, and such rationalization is used for deception or out of ignorance.”However, there was a testimony in Toronto, several years ago. From a presentation given at the Toronto Whole Life Expo 2009 by Andrew Michrowski, PhD: [1] see also [2] “It is not generally appreciated that the advanced nature of wireless gadgets being currently marketed is founded on devices that have been around since the 1940s. ... Precise, quality, straightforward medical and scientific research since 1950s details radiofrequency and microwave effects – without influence of stocks, PR and lawyers. By 1970s, electromagnetic, electrochemical, cascade effect equations were well defined for tissues, cells, intracellular & extracellular fluids and macromolecular effects on living systems... Analysis of 1950-1974 mortality of 40,000 Korean War veterans

shows that microwave exposure effect is cumulative [emphasis added] it affects all deaths ... doubling to tripling cancers of eye, brain and central nervous system, lymphatic and hematopoietic [blood-cell/platelet-forming] and digestive systems. This means that even ‘weak’ and short exposures from wireless systems accumulate over the years and decades to engender serious diseases [emphasis added]....[a] flow chart prepared [by] the National Research Council of Canada Control Systems Laboratory in 1973 [indicated] 22 non-thermal effects documented and generally understood by the scientific community more than 30 [40] years ago. Now, scientists daring to describe a part of such phenomena risk their career and income.”Corroborating Michrowski, Trower asserts that the dangers were fully known by mid-1970. A big reason, he says, is that telecom microwave technology was not originally developed for telecom, but, among other things, as a military stealth weapon for inducing illness.[1] Trower presents proof that Government knew of the follicle-DNA threat before promoting WiFi in schools. In 20 to 25 years (2038-2043), we could easily have a generation with a high percentage of genetically damaged kids [1]. Moreover, in a 3/17/15 phone conversation, Dr. Carlo shared with me his understanding about no-safe-dose, which arose from his WTR experience: Information (data) ‘riding’ on the microwave ‘carrier’ frequencies (called modulation) manifests as pulses. These must exist at all power levels to transmit any data. They are sensed by cell membranes. Carlo said that because cells don’t recognize the stimulus, pulses provoke, for one thing, a defensive and pathogenic membrane response: Transport channel shutdown, preventing exchange between cell and extracellular medium. It also interrupts intercellular communication, a very serious consequence.[4]“...pulsed EMFs are, in most cases, much more biologically active than are non-pulsed (often called continuous wave) EMFs.” – Professor Martin Pall, PhD (Page 45, Chapter 6, first par.). See [3] According to Peter Tocci, known ICMR effects include endocrine disruption (host of illnesses), breakdown of blood-brain barrier, DNA strand breaks, inhibition of

DNA repair, reproductive problems, autism, Alzheimer's – and many more. Though not to be dismissed, cancer, the 'popular' concern, is actually a lesser one in the panoply of effects – as in, ecocide and eventual termination of reproduction [5].

### Possible Solutions

Other than RF wireless technologies, which were actually a forbidden weapon grade method by international treaties, we can come up with alternative methods based on known electromagnetic theories. We suppose we can give information regarding one of 3 ways to accomplish new communications technologies that do not require wires, nor RF. The first one, one of us (RNB) already gave to the US government. That involves modulation of curl-free (CF) magnetic field lines which go in a line to infinity and penetrate all intervening matter. Detection of CF information is accomplished by Josephson-Atto-Weber switches (JAWS) which require cryogenic temperatures to operate properly. CF communications are exceedingly directional. Any lack of accuracy between sending and receiving the CF line results in no information transfer. There is the advantage that CF communications exhibit faster than light propagation. However, these devices are not suited for use by the general public. The other two methods, we are going to contemplate giving out. Maybe writing a paper would be a better way, because we can at least get credit for the idea and establish prior claim for legal purposes. In a separate article, we describe basic principle of superluminal wave, that is quantum communication, as an alternative to RF based wireless communication technology.[7] This communications method can provide an infinite number of infinite bandwidth communications channels for each user. Communication using this method travels much faster than light. It does not use radio waves and does not need wires. It cannot be monitored nor tracked nor interfered with. It cannot be regulated due to the infinities involved, and due to the fact that it is unmonitorable. Each user benefits personally from the perfect information security provided by quantum communications. Quantum communications does not harm any form of life, nor the environment, in any way, as quantum events are, and always have been, constantly a part of the Natural Environment.

### Concluding Remarks

The intent of this article is to show that wireless technology is, without remedy other than termination, one of the most devastating environmental and health threats—and threats to personal liberty—ever created. It is becoming widely known that 4G and 5G technologies cause many harms to human health. Cancer is only one problem, and one that is easily solved. 4G and 5G cause 720! (Factorial) different maladies in human beings and can kill everything that lives but some forms of micro organisms. According to Peter Tocci, known ICMR effects include endocrine disruption (host of illnesses), breakdown of blood-brain barrier, DNA strand breaks, inhibition of DNA repair, sperm damage, reproductive problems, autism, Alzheimer's – and many more. Though not to be dismissed, cancer, the 'popular' concern, is actually a lesser one in the panoply of effects – as in, ecocide and eventual termination of reproduction.[6] All this needs to be stopped. There are other ways to communicate that do not require radio waves, nor wires, which cause no damage to any form of life. We need to make those methods available to the public, while all the RF systems are being phased out.

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