

28 February 2019

Dear Prime Minister,

I realise that that my timing is very unfortunate because Brexit and the recent events within parliament are obviously at the forefront of every politician's mind. In spite of this, I am impelled to write to you regarding an issue which is of the profoundest gravity. The forthcoming deployment of 5G antennae. Letters have been sent to the Cabinet ministers, Jeremy Corbyn, members of the Shadow Cabinet, the Leader of The House of Commons, the Leader and Deputy Leader of The House of Lords and the Queen.

'ONLY IGNORANCE IS INVINCIBLE' (Len Deighton)

The unhindered rolling out of 5G technology depends on an almost invincible, collective ignorance of the facts. The aim of this letter is to pierce through the invincibility of this ignorance.

FASTER DOWNLOAD SPEEDS... AND?

"Faster download speeds!"; "Faster download speeds!"; "Faster download speeds!" ... "and?". What follows is an account of the colossal "and" that's missing from the current 5G narrative. It comprises a collation and distillation of vitally important information, garnered mainly from science and technology experts, which proffers insight into the gravely serious situation we are clearly facing with the deploying of 5G.

5G... HUMAN PROGRESS OR A HEINOUS AND RECKLESS CRIME?

Quick overview:

1. Unlike the electrical industry, the motor industry, the pharmaceutical industry and other major industries, the mobile phone industry has never been held to regulatory safety standards. In line with this, there has been no regulatory safety testing on 5G radiofrequency radiation. 5G is completely untested for safety.

2. Hundreds of thousands of 5G antennae are to be deployed on the streets and roads of Britain. Antennae will be positioned within yards of people's homes, gardens and businesses, emitting phased array, pulsed, millimetre wave frequencies. The pulsing will be particularly harmful. Direct exposure will be unavoidable. 5G will compound, not replace, 2G, 3G and 4G.

3. Over 200 international scientists and doctors have signed an appeal sent to the European Commission headed: 'Scientists and doctors warn of potential serious health effects of 5G' (<http://www.5gappeal.eu/scientists-and-doctors-warn-of-potential-serious-health-effects-of-5g/>). It reads, '*We recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry...RF-EMF has been proven to be harmful for humans and the environment.*' The appeal has been disregarded. Highly credentialed scientists and doctors would neither waste their time nor risk their professional reputations creating an appeal that warns of 'potential serious health effects of 5G' and recommends a moratorium, if they didn't have informed concerns about the potentially serious health effects of 5G frequencies.

4. The ongoing argument about whether radiofrequencies do or don't cause harm is based on a cleverly upheld fabrication, not on the facts. For well over six decades science has demonstrated that RF radiation causes a range of serious, negative health effects. This has been purposefully played down.

5. 5G frequencies are exponentially higher than 4G frequencies and will oscillate at an escalation tens of billions times higher than the naturally occurring electromagnetic frequencies of both the planetary electromagnetic field and the myriad of diverse life forms, including humans, which inhabit the earth. Such an extreme distortion is potentially catastrophic.

6. Re. the 5G interconnected 'Internet of Things' (IoT), with an estimated 75.44 billion smart devices installed by 2025. Joshua Corman: '*As we bring more connectivity and software into our homes, we're inviting the devil into our homes. If it's software, it's hackable. If it's connected, it's exposed. The many things you use to keep the bad guys out of your house can be diverted to let them into your house and as our home appliances are more connected, or exposed, we're inviting more and more risk.*'

7. Re. 5G interconnected artificial intelligence (AI). Elon Musk: *"I have exposure to the most cutting edge AI and I think people should be really concerned about it. AI is a fundamental risk to the existence of human civilization in the way that car accidents, aeroplane crashes, faulty drugs or bad food were not. They were harmful to a set of individuals but not to society as a whole."*

8. 5G antennae will overtly violate ten of our basic human rights as laid down in the United Nations Declaration of Human Rights.

9. Many of the minds involved in creating and developing 5G technology are, without question, brilliant, and the 5G brainchild they're birthing into the world represents a pinnacle of scientific and technological achievement. However, the hidden reality, the caveat to end all caveats, is that 5G adds up to a technological paradigm which, rather than serving people, has the potential to either relatively or totally destroy them. In simple terms, granting viability to 5G technology will, quite literally, imperil the viability of human beings.

10. If the British Government cannot provide independent, peer reviewed, indubitable, scientific evidence that 5G frequencies cause no biological risk to the British people, especially considering the independent scientists' warnings and recommendation to the EU, the deployment of 5G must not go ahead. If the government sanctions the deployment of 5G without this evidence and in denial of the warnings of 'potential serious health effects', it will, unarguably, be perpetrating a heinous and reckless crime against the British Population.

TECHNOLOGY IS AS GOOD AS THE HANDS IT'S IN

Before I continue, the point must be made that the content of this email is not in any way taking issue with technological advancement. It is obvious that technology 'in the right hands' has the potential to increasingly transform our world for the better and to bring advances and benefits which are as yet unimagined. This email is about technology which is 'in the wrong hands' and which is capable of transforming our world for the worse and creating unthinkable levels of harm, i.e. 5G technology.

(Throughout the email, the bold emphasis and underlining are my own.)

5G ANTENNAE

The forthcoming deployment of hundreds of thousands of 5G antennae onto British streets and roads is barely being registered on the consensual map, yet it poses a threat to the millions of people living in Britain. These antennae will emit intense, phased array, pulsed, millimetre wave frequencies within yards of our homes, schools and places of work. 5G frequencies will not only be exponentially higher than the current 4G levels but will be used in concomitance with the existing 2G, 3G and 4G technology, thus compounding, not replacing, the already harmful frequential cocktail. Exposure will be mandatory and relentless.

THREE INTERNATIONAL SCIENTISTS' APPEALS

Many scientists from around the world have been warning world health authorities about the health risks radiofrequency radiation levels pose (even before the 5G 'upgrade' is implemented). Their urgent warnings have been rendered impotent by a wall of intransigent bureaucracy which has failed to pay heed and take appropriate action.

This is the 2015 appeal to the UN, WHO, UNEP and all UN member states, regarding the known dangers of radiofrequency radiation (<https://emfscientist.org/>), and the subsequent 2017 5G Appeal to the European Commission (<https://www.5gappeal.eu/>) which reads: ***We recommend a moratorium on the roll-out of the fifth generation, 5G, for telecommunication until potential hazards for human health and the environment have been fully investigated by scientists independent from industry...RF-EMF has been proven to be harmful for humans and the environment.*** 'The EMF Call', November 2018, is the most recent appeal (<https://www.emfcall.org/the-emf-call/>) It begins: ***'Scientists and NGOs Call for Truly Protective Limits for Exposure to Electromagnetic Fields (100 kHz to 300 GHz)' 'ICNIRP's opinion and guidelines are unscientific and protect industry, not public health'***. (ICNIRP: International Commission on Non-Ionizing Radiation Protection).

Here is a vocal warning, given in 2015 by one of the EMF Appeal signatories and author of the book 'Overpowered', the late Dr Martin Blank, Department of Physiology and Bio-physics, Colombia University: ***"I'm here with disturbing news about our favourite gadgets, cell phones, tablets, Wi-Fi etc. Putting it bluntly, they are damaging the living cells in our bodies and killing many of us prematurely... I am here to tell you that we have created something that is harming us and it is getting out of control. ... Wireless utility meters and cell phones are blanketing our neighbourhoods with radiation. ... radiation from our telecommunication technology is damaging the DNA in our cells. It is clear to many biologists that this accounts for the rising cancer rates.***

Future generations, our children, are at risk. ... Although we are in the midst of a great technological transformation, the time to deal with the biological and health effects is long overdue. ... To protect our children, ourselves and our eco-system, we must reduce exposure by establishing more protective guidelines.'

THE MOBILE PHONE INDUSTRY SCIENCE

George Carlo PhD, former Chairman, International Association for the Wireless Telecommunications Industry (CTIA) Wireless Technology Research Program (WTR) : ***'Severe and potentially deadly diseases have been associated with the use of wireless technology for at least two decades, yet the truth about the risks has never emerged in mainstream media outlets due to the telecommunications industry being one step ahead of the 'game'.'***

The mobile phone industry has never been held to the regulatory safety standards that the motor industry, the pharmaceutical industry, the electrical industry, and most other industries are forced to comply with. Robert C Kane PhD, Motorola Senior Research Scientist, who worked in the telecommunications industry for a total of thirty years, from his 2001 book, *'Cellular Telephone Russian Roulette - a Historical and Scientific Perspective'*: *'...the manufacturers of portable and mobile transmitting communication devices then lobbied the IEEE/ANSI standard setting committee. The industry convinced the committee to exempt portable hand-held communications devices from the safe exposure limits of the safety standard'*. George Carlo PhD: ***"Ordinarily, in a regulatory context, new technologies would be tested extensively before they reached the market place in order to make sure they didn't present any danger to consumers. In the case of cell phones and the wireless industry as a whole, this crucial stage was bypassed"***. **In line with this, there has been no safety testing whatsoever carried out on 5G frequencies.**

In June, 2016, Tom Wheeler, then FCC (Federal Communications Commission) Chair and former senior lobbyist CTIA, declared, *"...we do not believe that we should spend the next couple of years studying what 5G should be or how it should operate. Turning innovators loose is far preferable to expecting committees and regulators to define the future. We won't wait for standards..."*, the unspoken corollary being? George Carlo PhD: ***"Had there been pre-market testing, mobile phones would never have made it into the market place."*** Joel M Moskowitz PhD, Director, Family and Community Health, University of California, Berkeley: ***"Some of the claims that were being made about health effects were so severe that had there been pre-market testing, cell phones would never have made it into the market place."***

Robert C Kane PhD: **'Never in human history has there been such a practice as we now encounter with the marketing and distributing of products hostile to the human biological system by an industry with foreknowledge of those effects. ... The telecommunications industry would never have grown to the global force, with the virtually unlimited power that we know it to have today, if it accepted the scientific research. So the industry did as has been done throughout history. The industry developed a "belief" system. The wonderful thing about a "belief" system is that it doesn't require any scientific findings. And any contrary findings that do develop are easily dismissed as being unbelievable.'**

The British media are virtually silent about the true implications of 5G. They are reporting a one sided, "faster download speeds!" perspective which omits any coverage of the potentially serious harm the deploying of 5G will impose on the British people. **It is imperative we listen to the expertise and concerns of highly qualified, independent scientists regarding 5G technology and that we don't fall into the trap of dismissing their warnings as 'unbelievable' simply because the media are promulgating a corporately contrived belief system which excludes the scientific findings.**

THE GOVERNMENT SCIENCE

Dr Devra Davis, epidemiologist and toxicologist, from her book 'Disconnect - the Truth About Cell Phone Radiation': *'After all, I reasoned, cell phones must be safe. Some of those complaining about health problems had the intense passion about the matter that one tends to dismiss as not credible. **If there were really any serious problems, I reasoned, the governments of the world would not blithely underwrite the global spread of this technology. Having spent the past six years learning what some have known for four decades, I now understand I was mistaken.'***

My local MP, William Wragg, recently posed a written question to the Secretary of State for Digital, Culture, Media and Sport, asking what assessment his department has made about the safety of 5G with respect to human health: 5G: Health Hazards:Written question - 176372 (<https://www.parliament.uk/business/publications/written-questions-answers-statements/written-question/Commons/2018-10-08/176372/>)

In the answer, given by Margot James, is the sentence, **'A considerable amount of research has been carried out on radio waves and we anticipate no negative effects on public health.'** She also writes, **'These standards draw on the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which takes into account the well-researched effects of radio waves.'**

Some government sources of information on RF radiation:

HPA (now Public Health England):

2012 AGNIR (Advisory Group on Non-ionizing Radiation) report '*Health Effects from Radiofrequency Electromagnetic Fields*'. If you read it, perhaps take time to compare the data with the conclusions ([https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/333080/RCE-20 Health Effects RF Electromagnetic fields.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/333080/RCE-20_Health_Effects_RF_Electromagnetic_fields.pdf)).

HPA response to the 2012 AGNIR report on the health effects from radiofrequency electromagnetic fields (<https://www.gov.uk/government/publications/radiofrequency-electromagnetic-fields-health-effects/health-protection-agency-response-to-the-2012-agnir-report-on-the-health-effects-from-radiofrequency-electromagnetic-fields>).

Public Health England:

Mobile phone base stations: radio waves and health - 10th July 2013 (<https://www.gov.uk/government/publications/mobile-phone-base-stations-radio-waves-and-health/mobile-phone-base-stations-radio-waves-and-health>).

Smart meters: radio waves and health - updated 28th June 2017 (<https://www.gov.uk/government/publications/smart-meters-radio-waves-and-health/smart-meters-radio-waves-and-health>).

ICNIRP (international Commission on Non-Ionizing Radiation Protection):

ICNIRP Guidelines (100 kHz to 300 GHz) 11th July 2018 (https://www.icnirp.org/cms/upload/consultation_upload/ICNIRP_RF_Guidelines_PCD_Appendix_A_2018_07_11.pdf).

SCENIHR (The European Commission's 'Scientific Committee on Emerging and Newly Identified Health Risks'):

SCENIHR 2015 report '*Opinion on Potential health effects of exposure to magnetic Fields*' (https://ec.europa.eu/health/scientific_committees/emerging/docs/scenih_r_o_041.pdf).

In assessing the potential health risks of 5G, the government has, according to Margot James, sourced information on RF radiation effects from the International Commission on Non-Ionizing Radiation Protection's (ICNIRP) safety guidelines which claim that: 1. There are no proven health effects from current levels of radiofrequency radiation. 2. There are no health effects other than thermal effects. From these positions, the government concludes that radiofrequency radiation, including 5G RF radiation, poses no perceived threat to health. I would contend that this is totally incorrect and that it has been scientifically proven, repeatedly, that radiofrequency radiation well below ICNIRP guidelines, and

related to non-thermal effects, can inflict biological harm. **A large body of research, going back at least as far as the 1950s, has shown that RF radiation causes negative biological effects. From the introduction to Robert C Kane's book: '*...what you will find here is a commentary that presents a litany of past research studies, hundreds of research studies from the 1950s through the mid-1990s. But don't be misled. These older studies are equally alarming in their findings of radiation exposure, DNA damage, chromosome damage, tissue damage, radiation absorption, cataract formation, tumour formation, memory loss, motor skills degradation, and more. There are many more studies, hundreds that might have been added.***'

THE INDEPENDENT SCIENCE

Dr Devra Davis: '***Sometimes you can set up a study so that it's designed to fail***' ...

or you can feign replication of an experiment that shows harm by strategically introducing variables designed to negate the findings of the original experiment...

or you can simply choose to exclude any 'inconvenient' research findings...

then, by these means, you can glibly deny harm.

ICNERP:

FROM 'THE EMF CALL' APPEAL: '*ICNIRP's opinion and guidelines are unscientific and protect industry, not public health.*' (ICNERP GUIDELINES, JULY 2018 https://www.icnirp.org/cms/upload/consultation_upload/ICNIRP_RF_Guidelines_PCD_Appendix_A_2018_07_11.pdf):

'In order to protect the public and the environment from the known harmful effects from electromagnetic fields (EMF) we ask the United Nations, the World Health Organization and all governments not to accept the ICNIRP guidelines. They are not protective, rather they pose a serious risk to human health and the environment since they allow harmful exposure to the world population, including the most vulnerable, under the unscientific pretext that they are "protective".'

*Background: The International Commission on Non-Ionizing Radiation Protection (ICNIRP) issued draft Guidelines on 11th July 2018 for limiting exposure to electric, magnetic and electromagnetic fields (100 kHz to 300 GHz). **1. These guidelines are unscientific, obsolete and do not represent an objective evaluation of the available science on effects from this form of***

radiation. They ignore the vast amount of scientific findings that clearly and convincingly show harmful effects at intensities well below ICNIRP guidelines. 2. The guidelines are inadequate to protect humans and the environment.

ICNIRP guidelines only protect against acute thermal effects from very short and intense exposure. The guidelines do not protect against harmful effects from low-intensity and long-term exposure, such as cancer, reproductive harm, or effects on the nervous system, although these effects are convincingly shown to appear from chronic exposure at intensities below ICNIRP limits.'

DR NEIL CHERRY, (Associate Professor of environmental health, Lincoln University, NZ) published papers and articles (<http://www.neilcherry.nz/document-downloads.html>)

FROM HIS 2002 PAPER, 'CRITICISM OF THE HEALTH ASSESSMENT IN THE ICNIRP GUIDELINES FOR RADIOFREQUENCY AND MICROWAVE RADIATION' (100KHz - 300GHz):

'It is simply not scientifically credible to claim that there are no established non-thermal effects and hence it is wrong to adopt a guideline such as the ICNIRP guideline as a public exposure standard.

The ICNIRP assessment is grossly biased by selectively choosing studies, consistently misrepresenting the results, the significance of results, the implications of the results of cellular experiments, animal experiments and human studies. ... There is compelling and consistent evidence of cancer, especially leukaemia and brain cancer. There is very strong evidence, from multiple, independent studies, ... that radio frequency and microwave radiation is a genotoxic carcinogen. Therefore it causes cellular mutations, and increased rates of cancer and Apoptosis in exposed populations, with no safe threshold level. This is backed up by a massive body of epidemiological studies.'

SCENIHR:

TWO DOCUMENTS RELATING TO THE 2015 EUROPEAN COMMISSION'S 'SCIENTIFIC COMMITTEE ON EMERGING AND NEWLY IDENTIFIED HEALTH RISKS' (SCENIHR) REPORT (link to the report in the government science list above):

1. '5G: GREAT RISK FOR EU, U.S. AND INTERNATIONAL HEALTH! Compelling Evidence for Eight Distinct Types of Great Harm Caused by Electromagnetic Field (EMF). Exposures and the Mechanism

that Causes Them’ written by Dr Martin L. Pall, Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University. BA degree in Physics, Phi Beta Kappa, with honors, Johns Hopkins University; PhD in Biochemistry & Genetics, Caltech (https://europaem.eu/attachments/article/130/2018-04_EU-EMF2018-5US.pdf). This is an excerpt from the report:

‘The document that follows was, in its original form, sent to many of the authorities of the European Union, in conjunction with other documents sent to the same people by a group of European scientists.

... There is a vast literature, both in the review literature and in the primary literature studies, that disagrees strongly with the SCENIHR (European commission, Scientific Committee on Emerging and Newly Identified Health Risks) positions and are completely ignored by SCENIHR. In a few cases, such 45 studies are cited and very briefly discussed by SCENIHR but then they have no impact on the assessments that SCENIHR makes in the SCENIHR 2015 document [73]. The situation here is similar to an organization that has two sets of books, the fake books that are used in public and then a genuine set of books that includes all of the data that are too inconvenient to be included in the fake set of books.’... ‘What is clear is that SCENIHR is wittingly or unwittingly serving as a propagandist for the industry and in that process, SCENIHR has no difficulty in putting forth seven devious, individually important falsehoods.’

... ‘Summary: We know that there is a massive literature, providing a high level of scientific certainty, for each of eight pathophysiological effects caused by non-thermal microwave frequency EMF exposures....

- 1 Attack our nervous systems including our brains*** leading to widespread neurological/neuropsychiatric effects and possibly many other effects. This nervous system attack is of great concern.
- 2 Attack our endocrine (that is hormonal) systems.*** In this context, the main things that make us functionally different from single celled creatures are our nervous system and our endocrine systems – even a simple planaria worm needs both of these. Thus the consequences of the disruption of these two regulatory systems is immense, such that it is a travesty to ignore these findings.
- 3 Produce oxidative stress and free radical damage,*** which have central roles in essentially all chronic diseases.
- 4 Attack the DNA of our cells,*** producing single strand and double strand breaks in cellular DNA and oxidized bases in our cellular DNA. These in turn produce cancer and also mutations in germ line cells which produce mutations in future generations.

- 5 **Produce elevated levels of apoptosis (programmed cell death)**, events especially important in causing both neurodegenerative diseases and infertility.
- 6 **Lower male and female fertility**, lower sex hormones, lower libido and increased levels of spontaneous abortion and, as already stated, attack the DNA in sperm cells.
- 7 **Produce excessive intracellular calcium** $[Ca^{2+}]_i$ and excessive calcium signalling.
- 8 **Attack the cells of our bodies to cause cancer**. Such attacks are thought to act via 15 different mechanisms during cancer causation.

There is also a substantial literature showing that EMFs also cause other effects including **life threatening cardiac effects** (Chapter 3). In addition substantial evidence suggests EMF causation of **very early onset dementias, including Alzheimer's, digital and other types of dementias** (Chapter 3); and there is evidence that **EMF exposures in utero and shortly after birth can cause ADHD and autism** (Chapter 5).

The European Commission has done nothing to protect European citizens from the very serious health hazards and the U.S. FDA, EPA and National Cancer Institute have done nothing to protect U.S. citizens. The U.S. FCC (Federal Communications Commission) has been worse than that, acting in wanton disregard for our health.'

Please read this again:

'The European Commission has done nothing to protect European citizens from the very serious health hazards and the U.S. FDA, EPA and National Cancer Institute have done nothing to protect U.S. citizens. The U.S. FCC has been worse than that, acting in wanton disregard for our health.'

2. 'COMPLAINT TO THE EUROPEAN COMMISSION concerning the 2015 SCENIHR opinion on potential health effects of exposure to electromagnetic fields', created by The International Electromagnetic Fields Alliance, IEMFA (<http://www.iemfa.org/wp-content/pdf/Complaint-to-the-European-Commission-SCENIHR-2015-08-31.pdf>): **'The European Commission has once again failed in setting up an expert group on the health effects of exposure to electromagnetic fields that meets its own principles of "of excellence, independence and impartiality, and transparence"** (COMMISSION DECISION of 5 August 2008).

The experts behind the report blatantly fail in their main mission: to identify "potential health risks". There is evidence that clearly, convincingly and increasingly establishes that there are many potential negative health effects and health hazards: brain tumours, cancer, neurodegenerative

diseases, damage on fetuses and stress related diseases ... The SCENIHR report ignores the scientific evidence of health risks from levels of exposure to electromagnetic fields that practically everybody is increasingly exposed to, including small children, in most countries in Europe today.'

RF radiation effects on nature:

There is a large body of independent research showing negative effects of RF radiation on life forms throughout nature. Here's a very short list to demonstrate:

Translated German report: '*Birds, Bees and Mankind - Destroying Nature by 'Electrosmog' - Effects of Wireless Communication Technologies*' (https://ecfsapi.fcc.gov/file/7521097894.pdf?fbclid=IwAR1175srGrsJ66nBRUJ4hjGPnNxa_d1-C_YcGoA4VxQXUPXAMfL3KfptHis).

The Bioinitiative Report Conclusions (<http://www.bioinitiative.org/conclusions/>) which begin: '*Overall, these 1800 or so new studies report abnormal gene transcription (Section 5); genotoxicity and single-and double-strand DNA damage (Section 6); stress proteins because of the fractal RF-antenna like nature of DNA (Section 7); chromatin condensation and loss of DNA repair capacity in human stem cells (Sections 6 and 15); reduction in free-radical scavengers – particularly melatonin (Sections 5, 9, 13, 14, 15, 16 and 17); neurotoxicity in humans and animals (Section 9), carcinogenicity in humans (Sections 11, 12, 13, 14, 15, 16 and 17); serious impacts on human and animal sperm morphology and function...'*

Of particular concern is the effect of RF radiation on the physical body's micro-organisms, which outnumber human cells by 10 to 1. Research increasingly shows that the microbiome, comprised of trillions of micro-organisms, plays a vitally important role in both the maintenance and the degradation of health. This is a study, from the Journal of Microbiology, involving the cultured skin bacteria *Escherichia coli*, *Pseudomonas aeruginosa*, and *Staphylococcus epidermidis*: '*The response of human bacteria to static magnetic field and radiofrequency electromagnetic field*' (<https://link.springer.com/article/10.1007/s12275-017-7208-7>). From the report: '*The bacterial isolates of skin microbiota from 4 subjects with different cell phone usage history also showed inconsistent growth responses. These findings led us to hypothesize that cell phone level RF-EMF disrupts human skin microbiota*'. The implications of these findings are extremely serious.

NCBI: EU (ESF) co-financed fruit fly study: '*Mobile-phone radiation-induced perturbation of gene-expression profiling, redox equilibrium and sporadic-apoptosis control in the ovary of *Drosophila melanogaster**' (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5406167/>).

Environmental Health Perspectives, vol 111 no. 7: 'Nerve Cell Damage in Mammalian Brain after Exposure to Microwaves from GSM Mobile Phones' (<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241519/pdf/ehp0111-000881.pdf>).

Researchgate: 'Radiofrequency radiation injures trees around mobile phone base stations' (https://www.researchgate.net/publication/306435017_Radiofrequency_radiation_injures_trees_around_mobile_phone_base_stations).

NCBI: 'Weak radiofrequency radiation exposure from mobile phone radiation on plants' (<https://www.ncbi.nlm.nih.gov/pubmed/27650031?dopt=Abstract>).

Oxford Academic: 'Exposure to 915 MHz radiation induces micronuclei in *Vicia faba* root tips' (<https://academic.oup.com/mutage/article/31/2/187/2622776>).

Bio Electro Magnetics: 'Reduced growth of soybean seedlings after exposure to weak microwave radiation from GSM 900 mobile phone and base station' (<https://onlinelibrary.wiley.com/doi/abs/10.1002/BEM.21890>).

FREQUENCIES

Kevin Mottus, Outreach Director of the CA Brain Tumour Association, speaking about 5G: "***We are literally microwave radiating our population and we're wondering why there's so much cancer and chronic illness. ... We already know the lower frequencies cause cancer and neurological problems. We expect this to be much worse, much quicker. We are literally experimenting with people's lives. .. We need to start pushing back and stop allowing them to use us literally like rats in an experiment. ... 56 billion dollars to roll out 5G (in the US), zero money to look at the health effects.***"

The frequencies of mobile phone technology:

2G operates between .825 – .960GHz

3G operates between 1.800 – 1.990GHz

4G operates between 2.620 – 2.690 GHz

5G (the first wave) operates between 24.25 – 27.5GHz at the upper frequency level of a combination of two other levels of frequency, the middle being 3.4 – 3.8GHz and the lower range .7 GHz. The FCC has already opened up the 64GHz to 71GHz frequency bands for 5G.

The frequencies of average human brains:

From Delta to Gamma, 0 – 100Hz (this can escalate to 400Hz in an epileptic's brain.)

The frequency of the planetary electromagnetic field, the 'electromagnetic home' which all biological lifeforms have evolved in synchronization with:

Schumann resonance 7.83Hz (fundamental) fluctuating between 3Hz and 60Hz.

The higher range electromagnetic frequencies the first wave of 5G will pulse through the planetary electromagnetic field and into our bodies at very close range:

24,250,000,000Hz - 27,500,000,000Hz. These are tens of billions of times higher than the natural planetary and human frequencies.

'I SING THE BODY ELECTRIC' (Walt Whitman)

'All life pulsates in time to the Earth and our artificial fields cause abnormal reactions in all organisms. Increasing electro-pollution could set in motion irreversible changes leading to our extinction.' The late Dr Robert Becker, researcher and author of 'The Body Electric'.

Our physical bodies, from the realm of sub-atomic particles right up to the agglomerated, walking, talking human being, operate through electrical/ electromagnetic activity, therefore physics and bio-physics are fundamentally implicated in their ability to function. In certain contexts, physical benefit can be derived from the application of highly specific, targeted, short term, radiofrequency exposure. This, however, is very different from the situation we are currently facing in which our physical bodies are to be permanently immersed in an inescapable cacophony of intense 5G (plus 2G, 3G and 4G) frequencies. It is not difficult to rationalize, through even a rudimentary understanding of physics, that this cacophonous, unabated bombardment of frequencies so extremely foreign to the body's inherent frequencies will, almost certainly, evoke unnatural entrainment and/or interfere with the predetermined electrical balances and functions within the cells, the mitochondria and the DNA. Such deviation or dysregulation could be biologically (especially cumulatively) catastrophic.

LLOYDS OF LONDON

If, for whatever reason, you are unconvinced by the science, perhaps Lloyds of London's financial interests might speak louder: *'The Electromagnetic Fields Exclusion (Exclusion 32) is a General Insurance Exclusion and is applied across*

the market as standard. The purpose of the exclusion is to exclude cover for illnesses caused by continuous long-term non-ionising radiation exposure i.e. through mobile phone usage.' From an article written by journalists Mark Hertsgaard and Mark Dowie: ***'One key player has not been swayed by all this wireless-friendly research: the insurance industry. In our reporting for this story, we found not a single insurance company that would sell a product-liability policy that covered mobile phone radiation.'***

INDUSTRY ANNUAL REPORTS

From Verizon Communications Inc., United States Securities and Exchange Commission Form 10-K, Annual Report, fiscal year ended December 31st 2014: ***'We are subject to a significant amount of legislation which could require us to pay significant damages or settlements. Our wireless business also faces personal injury and consumer class action lawsuits relating to alleged health effects of wireless phones or radio frequency transmitters ... In addition, we may be required to pay significant awards or settlements.'*** AT&T annual report 2014: ***'As we deploy newer technologies, especially in the wireless area, we also face current and potential litigation relating to alleged adverse health effects on customers or employees who use such technologies.'***

5G - HUMAN PROGRESS

The introduction of 5G is being heralded as, and widely understood to be, a major step in human progress. Throughout the media tech entrepreneurs, academic/industrial technophiles and government representatives wax eloquent about the wonderful technological future 5G will open up to humans whilst Birmingham boasts the accolade of winning 'the 5G battle' for the privilege to be the first UK city with 5G coverage. So, let us objectify this next step in human progress.

To enable this progress, not only will millions of close proximity, 5G phased array antennae be deployed world-wide, but upwards of twelve thousand satellites are to be installed in space to radiate 5G frequencies down onto every square inch of the planet. Dr Martin Pall, on some of the 5G frequency effects: ***'We can expect humans to suffer from massive increases in blindness, from cataracts, macular degeneration and retinal detachment. Large increase in hearing loss, very large increase in male infertility. Melanoma skin cancer; peripheral nervous system impacts with neuropathic pain. Impacts on immune cells; impacts on red blood cells leading to very low oxygen in the tissues and impaired transport of nutrients in the tissues. The impact on insects, including bees and other pollinators, on birds, small mammals, almost all the plants, will be even more severe than the impact on humans'***.

The antennae are just the beginning... then, facilitated by the low latency, ever-increasing interconnectedness of 5G, come the Internet of Things (IoT) and Artificial Intelligence (AI).

The Internet of things:

The prospect of an interconnected, informational 'Internet of Things' is being touted as something that will, in its growing 'smartness', transform our lives, businesses and homes by bestowing increasing numbers of smart benefits. Here's what some tech-savvies have to say about this prospect. The following is from Joshua Corman's Ted Talk in which he likens swimming with apex predators (sharks) to swimming in the technological ocean: *"I made another call to Dr Charlie Miller... he had hacked two automobiles at the largest hacker conference in the world known as DEFCON (together with Chris Valasek). ... These things should really bother you. They could deploy airbags without a crash... and almost certainly cause one. They could turn the steering without your consent. And for their final act, they disabled the brakes. ... **As we bring more connectivity and software into our homes, we're inviting the devil into our homes. If it's software, it's hackable. If it's connected, it's exposed.....** and what's to be done? I honestly don't know, I worry about the future. I hate to say this, but sharks patrol these waters and we're already behind. The difference is, when you go to the beach and you see sharks, you can choose to stay on dry land, but in this swarming Internet of Things we're almost out of dry land. We're adrift in the Internet of Things and the blood is in the water."*

Bryan Lunduke speaking at the 'Open Internet of Things Summit & Embedded Linux Conference': ***"The reality is, no matter how secure you make these (Internet of Things) devices, it doesn't matter, they will be compromised. There is no way to secure them, it simply is not possible. ... If you give a global consciousness, the Internet of Things, complete access and control to your security system, your front door lock, all the lighting in your house, your oven, your toaster, your internet frigging enabled crockpot, it can destroy you completely, literally."***

Rose Barker, risk management consultant and expert on identity theft: ***"I don't own a smart fridge and I hope that I'm never forced to. When you're considering buying a new device, please weigh the costs and benefits. Ask yourself, is it really worth it to have a smart phone fridge app to see your grocery list if you could lose your most vulnerable possession... and that is your identity?"***

5G technology will generate enormous profits by selling detailed data about us which will be constantly collected, via close range antennae, from our smart homes and our smart lives, because 5G is, amongst other things, a monitoring

system. Almost fifty years ago, in his 1970 book, *'Between Two Ages – America's Role in the Technetronic Era'*, the late Zbigniew Brzezinski wrote, *'The technetronic era involves the gradual appearance of a more controlled society. ... Soon it will be possible to assert almost continuous surveillance over every citizen and maintain up-to-date complete files containing even the most personal information about the citizen.'*

UN Declaration of Human Rights, Article 12: *'No one shall be subjected to arbitrary interference with his privacy, family, home or correspondence, nor to attacks upon his honour and reputation. Everyone has the right to the protection of the law against such interference or attacks. It is 'imposed interference with his privacy, family, home or correspondence.'*

Artificial intelligence (AI):

This is a complex and controversial subject. James Barrat's *'Our Final Invention - Artificial Intelligence and the End of the Human Era'*, and Richard Dooling's *'Rapture for the Geeks - When AI Outsmarts IQ'*, are two highly readable and informative books on artificial intelligence. The titles, in and of themselves, are profoundly meaningful. In James Barrat's introduction he writes: *'Our species is going to mortally struggle with this problem. This book explores the plausibility of losing control of our future to machines that won't necessarily hate us, but that will develop unexpected behaviours as they attain high levels of the most unpredictable power and force in the universe (intelligence), levels that we ourselves cannot realize, and behaviours that probably won't be compatible with our survival.'* Here are some more perspectives from AI's intellectual vanguard:

Elon Musk: *'I have exposure to the most cutting edge AI and I think people should be really concerned about it. **AI is a fundamental risk to the existence of human civilization in the way that car accidents, aeroplane crashes, faulty drugs or bad food were not. They were harmful to a set of individuals but not to society as a whole. AI scares the hell out of me, it's capable of vastly more than almost anyone knows.**'*

Vernor Vinge: *'Once we create smarter than human intelligence, artificial super-intelligence, all bets are off, **I don't think we'll be able to control it. I don't think many people think we'll be able to control it**'*

The late Prof. Stephen Hawking: *'"The real risk with AI isn't malice but competence. A superintelligent AI will be extremely good at accomplishing its goals, and if those goals aren't aligned with ours, we're in trouble. You're probably not an evil ant-hater who steps on ants out of malice, but if you're in charge of a hydroelectric green energy project and there's an anthill in the region to be flooded, too bad for the ants. Let's not place humanity in the position of*

those ants.” - “The development of full artificial intelligence could spell the end of the human race.”

Sam Harris: *“I'm going to describe how the gains we make in artificial intelligence could ultimately destroy us, and in fact, I think it's very difficult to see how they won't destroy us”.*

Jay Tuck: *“Survival is an issue for artificial intelligence. It needs to exist to be able to do the things it wants to according to its programmes. So it lays, like, insect eggs, backups and computer programmes all over the world, thousands and thousands of them, so that if we destroy part of it, it's still alive. My job to you is the wake up call to make you aware of the problem. Your job is to figure out how we're going to stop this before it kills us.”*

Geordie Rose, AI in the work place: *“Imagine, for 10 dollars I could build a machine like a little robot that had fingers and eyes and all that, and it would do your job better than you, no matter what it is, and I could sell that to your employer for say 15 dollars, instead of having to pay you 100,000 dollars a year. Now, imagine that was true for every single job, because that's what we're talking about here ... we are right on the verge of that transition now.”*

Peter Haas: *“You see, right now, there are people, doctors, judges, accountants who are getting information from an AI system and treating it as if it is information from a trusted colleague. it's this trust that bothers me, not because AI gets it wrong, AI researchers pride themselves in accuracy on results. It's how badly it gets it wrong when it makes a mistake that has me worried. These systems do not fail gracefully.”*

A quick summary of risks involved in providing faster download speeds, driverless cars, 'smart' interconnectedness and artificial intelligence:

1. 5G antennae... ‘We can expect humans to suffer from massive increases in blindness, from cataracts, macular degeneration and retinal detachment. Large increase in hearing loss, very large increase in male infertility. Melanoma skin cancer; peripheral nervous system impacts with neuropathic pain. Impacts on immune cells; impacts on red blood cells leading to very low oxygen in the tissues and impaired transport of nutrients in the tissues. The impact on insects, including bees and other pollinators, on birds, small mammals, almost all the plants, will be even more severe than the impact on humans.’

2. 5G interconnected Internet of Things... “The reality is, no matter how secure you make these (Internet of Things) devices, it doesn't matter, they

will be compromised. There is no way to secure them, it simply is not possible. ... If you give a global consciousness, the Internet of Things, complete access and control to your security system, your front door lock, all the lighting in your house, your oven, your toaster, you internet frigging enabled crockpot, it can destroy you completely, literally."

3. 5G interconnected artificial Intelligence... 'Our species is going to mortally struggle with this problem.'; 'AI is a fundamental risk to the existence of human civilization'; 'The development of full artificial intelligence could spell the end of the human race.'; 'These systems do not fail gracefully'.

Dr Ian Malcolm (Jurassic Park)... "Your scientists were so preoccupied with whether or not they could, they didn't stop to think if they should."

TRUE HUMAN PROGRESS should not rob people of their basic human rights or allow them to become the collateral damage of the exploits of unconscionable profiteering. TRUE HUMAN PROGRESS should not corrupt the entire electromagnetic field of the earth in ways which are unequivocally known to be injurious to life... and completely disregard the science which clearly warns of the dangers. TRUE HUMAN PROGRESS should not technologically intrude upon and monitor people's lives and homes or render them permanently vulnerable to cyber-attack. TRUE HUMAN PROGRESS should not usurp and imperil people with self-replicating artificial intelligence which is described by many leading AI experts as an existential threat. There are descriptions for such things but 'human progress' is not one of them.

THE NORTH, SOUTH, EAST AND WEST OF 5G PROPAGANDA

The shrouding of the truth in all-encompassing propaganda/spin is absolutely pivotal to the '5G Future', as is the marketing of its 'smarter' lifestyle.

PR (public relations)... orchestrating 5G information in the media. A few fundamental tactics:

1. Eulogize/avoid. Avidly eulogize about the benefits of 5G technology whilst carefully avoiding the subject of potential risks. If the issue of risks rears its head, call on the chosen experts...

2. Chosen experts. Strategically call on favourably biased experts who can pontificate on favourably biased perspectives and extinguish any unfavourable perspectives. If someone left of field questions the veracity of these chosen experts, dismiss or discredit them...

3. **Dismiss/discredit.** Blithely dismiss or attempt to discredit anyone who candidly opposes the official narrative and/or speaks the inconvenient truth. This may or may not include sarcasm, ridicule or the word 'conspiracy'.

4. **Obfuscation.** Muddy the waters to create confusion or ambiguity.

5. **Simplify/complexify.** Either overly simplify or unnecessarily complexify an issue in order to detract and deceive.

6. **Plausibility.** Sound convincingly plausible about what you want the public to believe whilst smudging the facts or blatantly lying.

Advertising agencies... Freud's unplanned progeny:

The fundamental modus operandi of advertising is to powerfully influence people by bombarding them with concepts and messages that have been devised and produced in line with the human psyche's desires, dreams, wants and needs, as well as its fears. Influencing minds also involves omitting information which is counter to the advertiser's aims. For example, in the case of the long term advertising of cigarettes, the omission was obviously mouth, throat, tracheal and lung cancer together with heart and circulatory disease.

Large scale advertising, which has already served the mobile/smart phone industry admirably in globalizing and advancing its technology, will be superlatively designed and perfectly timed to kick in the instant the 5G product market is ready to open up. In the meantime, upbeat 'teasers' are emerging to whet people's appetites (<https://www.youtube.com/watch?v=xfQ8tsEXjMI>).

Concealing the unthinkable:

This is an insidious, overarching implementation of propaganda that calls on many tactics. Propaganda creates an 'inclusive' milieu which shapes people's perception of events and of the world. It simultaneously instates 'exclusive' parameters beyond which even the bravest journalists know not to venture. 'Concealing the unthinkable' weaves between the two. With regard to 5G, **it is unthinkable that the British government is prepared to expose the British population to an invasive, pervasive technology that's untested for safety. This is compounded by the fact that assurances from the government implying RF radiation causes no harm are not only strongly contested by highly qualified scientists but contradicted by decades of research proving harm. It is unthinkable that the unwitting British population is being kept in a state of propaganda induced ignorance and is fundamentally clueless and questionless about the actual facts of 5G (apart, of course, from "faster download speeds!...and possibly "driverless cars"), thus the deployment of**

this extremely hazardous technology is forging ahead unquestioned and unimpeded. This demonstrates how effectively 'concealing the unthinkable' is being achieved in relation to 5G.

Astroturf methods:

The internet is an incredible tool, but navigating it in search of factual information can be highly problematic. To add to the difficulty, 'astroturf methods', which few people are currently aware of, are now being widely used. Astroturf is a form of special interests propaganda that involves creating or seizing opportunities to infiltrate the internet with influential information. This can make ascertaining the genuine truth about 5G extremely challenging.

Sharyl Attkisson, journalist, current affairs presenter and author of the book 'Stonewalled': "***But what if all isn't as it seems? What if the reality you found was false, a carefully constructed narrative by unseen special interests designed to manipulate your opinion, a Truman Show-esque alternate reality all around you? Complacency in the news media combined with incredibly powerful propaganda and publicity forces mean we sometimes get little of the truth. Special interests have unlimited time and money to figure out new ways to spin us while cloaking their role. Surreptitious 'astroturf methods' are now more important to these interests than traditional lobbying... .***

Astroturf is when political, commercial or other special interests, disguise themselves and publish blogs, start Facebook pages and twitter accounts, publish ads and letters to the editor, or simply post comments online, to try to fool you into thinking an independent or grassroots movement is speaking. The whole point of astroturf is to try to give the impression there's widespread support for or against an agenda when there's not. They attack news organizations that publish stories they don't like, whistle blowers who tell the truth, politicians who dare to ask the tough questions, and journalists who have the audacity to report all of it. Sometimes, astroturfers simply shove, intentionally, so much confusing and conflicting information into the mix that you're left to throw up your hands and disregard all of it, including the truth. Drown out a link between a medicine and a harmful side effect by throwing a bunch of conflicting, paid for studies, surveys and experts into the mix, confusing the truth beyond recognition.

And then there's Wikipedia, astroturf's dream come true. Billed as the free encyclopedia that anyone can edit. The reality can't be more different. Anonymous Wikipedia editors control and co-opt pages on behalf of special interests. They forbid and reverse edits that go against their agenda. They skew and delete information, in blatant violation of Wikipedia's own established policies, with impunity. Try adding a footnoted fact or correcting a fact error on one of these monitored Wikipedia pages and 'poof', sometimes within a matter of seconds you'll find your edit is reversed.'

The cleverest 5G propaganda ploy of all:

Perhaps the cleverest 5G propaganda ploy of all is to have incrementally created dependence on, and addiction to, the very means by which you can optimally propagandize people... their screens. Infiltrate an engendered climate of entitlement to faster download speeds, whilst keeping mute about risks, and the job's done.

5G propaganda has many faces and operates on many levels, but the bottom line is that it's being implemented across the board to market a technology that poses 'unthinkable' risks of harm whilst simultaneously concealing these risks in every way possible.

A NOTE ON HUMANS

In all of this we might ask the question, what makes humans thrive? What do most humans seek in life? Do they seek to be sick or cancerous from radiofrequency radiation poisoning? To live out each day in a hackable, exposed Internet of Things in which everyone and everything is vulnerable and monitored? To be increasingly engaged in more and more screen-bound, non-human connections carried at faster and faster speeds? To be superseded by AI technologies which could potentially rob them of not only their livelihood but their life? **This is the future which the 5G trajectory is primed to carry the human race along... without either its informed awareness or its informed consent.**

There were two world wars last century which brought devastation and loss of life on a massive scale, yet by the time most of us were born, there was no evidence of these horrors. Humans had valiantly managed, as they always do, to "pick themselves up, dust themselves off, and start all over again" with the insuppressible hope that 'springs eternal'. In the wake of such protracted and resounding atrocities, this was remarkable, and testament to the strength, resilience, creativity and enterprise the human spirit is capable of. Humans are worthy of a better world, they are deserving of progressive technology which is as safe as possible and which will improve and optimise their lives in all the ways that can be achieved. They absolutely do not deserve the imposition of a series of dehumanising, deleterious, technological inventions which, whatever the 5G propaganda currently promises, are going to change their lives for the worse. Humans are worth more than this... much, much more.

RATIONALIZING THE DEPLOYMENT OF 5G ANTENNAE

Many highly qualified scientists have been actively warning world health authorities that RF radiation from mobile phone/wireless technology is physically harmful and asking for more protective guidelines to be implemented. Instead of

this being acknowledged and acted upon in order to protect people, the radio frequencies that are already known to be causing harm are about to be exponentially amplified via millions of close proximity, 5G antennae plus upwards of 12,000 thousand 5G space satellites. The infiltration of these alarmingly intense and harmful frequencies is going to saturate and corrupt the entire planetary electromagnetic field to a degree which not only defies reason but begs serious, targeted questions.

Specific questions must be asked of the government and also the Secretary of State for Digital, Culture, Media and Sport regarding the purported harmlessness of 5G antennae which the words 'we anticipate no negative effects on public health' imply. The physical safety of millions of British men, women and children, not to mention animals, birds, insects, trees and plants, rests on exposing, and acting on, the truth within the dichotomy between the government's scientific stance claiming no harm and the perspective of a large scientific consensus warning of the risk of serious harm. Bear in mind that, as with cigarette smoking, RF radiation effects have been shown to be largely (as well as lethally) cumulative, thus remaining hidden in latent forms for many years. This must be taken into account.

BUREAUCRACY VS HUMANS

Bureaucracy serves as one of the greatest players in the 5G scenario. It has already methodically rejected, and perhaps even concealed, the scientific facts of RF radiation health risks and is now, in its cold, faceless, collective utilitarianism, on course to put every life form on earth in a position of potential jeopardy by allowing the telecommunications industry to impose a risk of harm that is unparalleled in the entirety of recorded history.

So, what's to be done? Are bureaucrats simply going to inertly and unquestioningly comply by 'just following orders' within the disparate departments involved in the bureaucratic trickledown of this appalling imposition? Are those of us who are privy to the facts simply going to allow this inhuman force to continue by cowing under its, and the telecommunications industry's, massively inflated authority? Are we, as regular, decent people, simply going to relinquish our inviolable human rights and let the frequencies of this technology attack our eyes, ears, skin, nervous system, brain, endocrine system, reproductive organs, heart, cells, DNA ... and worse still, those of our children? Or are we going to wake up to the horrendous reality of what's taking place and do something, in some sort of human solidarity, to address it?

IN YOUR POSITION AS PRIME MINISTER

I am looking to you to protect the well-being and the human rights of the British people; to realise that propaganda abounds on many levels and the truth about 5G RF radiation effects is only to be found amongst independent scientists with no vested interests; to take the warnings of these scientists very seriously; to ask the voices of government who 'anticipate no negative effects on public health' if they can provide indubitable scientific evidence, approved by a trustworthy, independent, scientific consensus, that 5G technology is safe; in the absence of such evidence, to call for a moratorium on 5G so that independent, integrious scientific studies can be carried out to ascertain 5G health effects... including the long term, potentially lethal, cumulative effects.

TO REITERATE

IF THE BRITISH GOVERNMENT CANNOT PROVIDE INDEPENDENT, PEER REVIEWED, INDUBITABLE SCIENTIFIC EVIDENCE THAT 5G FREQUENCIES POSE NO BIOLOGICAL RISK TO THE BRITISH POPULATION, ESPECIALLY CONSIDERING THE INDEPENDENT SCIENTISTS' 5G APPEAL TO THE EU, THE DEPLOYMENT OF 5G MUST NOT GO AHEAD. IF THE GOVERNMENT SANCTIONS THE DEPLOYMENT OF 5G WITHOUT THIS EVIDENCE AND IN DENIAL OF THE SCIENTISTS' WARNINGS OF 'POTENTIAL SERIOUS HEALTH EFFECTS', IT WILL, UNARGUABLY, BE PERPETRATING A HEINOUS AND RECKLESS CRIME AGAINST THE BRITISH POPULATION.

THE BIGGEST ASSAULT ON THE HUMAN RACE EVER SEEN

The neurosurgeon and researcher, Dr Jack Kruse, recently warned, "*5G is going to be the biggest assault on the human race that we've ever seen*". World expert on RF radiation health effects, Dr Martin Pall, has described potential 5G health effects as "*chilling*". These two men are not conspiracy theorists or wielders of hyperbole, they are scientists firmly grounded in the science of 5G.

TO FINISH

The 5G future is just one of many possible futures the minds of humans could innovate. It has been devised by an unrepresentative, extremely small minority of individuals who are now foisting it upon the entire world. The future they've set out to create amounts to a full-scale aberration that is underpinned by their own, not humanity's, interests and it is glaringly obvious, under even the slightest scrutiny, that the risks posed by this 5G future astronomically outweigh the benefits.

This is a gravely serious situation. Those sanctioning and supporting the roll-out of 5G antennae must be held entirely... and I mean entirely... accountable. The deploying of 5G technology is not only an economic or a political matter, it is a humanitarian one.

Dr Martin Pall ends his document on 5G risks with this message: *'Let me close, as follows. There have been certain points in our history where people have stood up to strong destructive forces against what often appeared to be insurmountable odds. Those people are THE most honoured people in our history. The people who failed to do so are among the most despised people in our history. I am not at all sure we will have historians to record us 100 years from now or even 30 years from now, given the direction in which we are heading, but if we do, rest assured that these are the standards by which you will be judged.'*

Thank you for your time.

Your sincerely,

Jane Gregory