

Streetlights Have Been Weaponized

Download from: <https://app.box.com/s/t4oi6ehvehfjbmtwt9hodnvdhu9npx95>

And: <https://radiation dangers.com/2022/03/12/5g-streetlights-new-weaponized-technology-that-is-making-people-sick/>

See: 'Street lights have been weaponised. Wireless radiation can make targets feel suicidal'. by PAUL GREGORY. <https://thelightpaper.co.uk/assets/pdf/Light-20-Final-Web.pdf> page 9.

Personal Experience

This is a paper to create greater awareness of the new weaponized LED (Light Emitting Diode) 5G streetlights (including NATO's use of MWR weapons).

The intention of this paper is to make the link:

1. between 5G radiation emission and the new LED/5G streetlights
2. show how 5G is harmful to all life including humans
3. show how LED/5G streetlights are therefore harmful.

I have been personally affected by these new streetlights since Birmingham City Council Lighting Department tested the 5G function of these lights in December 2019. They are situated in front of my house and in the roads around the estate. Being electrosensitive, meaning that I am able to feel and am adversely affected by radiation from mobile phones and masts, like nearly a million other people in the UK (www.es-uk.info/), I immediately felt this radiation when it was turned on.

The effects were instant whenever I answered the front door or went near any windows in my house.

The immediate depressed mood, desire to die, and commit suicide were intense. I would have been exposed in line with the streetlight during the day for only a few seconds to get these effects. When I moved away, they would pass in about 10 minutes, and I would be back to normal. This would happen several times a day before I learned to avoid this exposure.

I phoned the Streetlighting Department, and the result was they turned the 5G RF radiation function off for all the streetlights in the vicinity of my house. Wonderful! I was back to normal life until they came on again on January 1st, 2020. This time the department said responsibility had been passed to the firm Amey who had the contract for maintenance with the council. I contacted them but they didn't respond. This situation has continued for the last two years. The effects of the radiation on me have resulted in my only being comfortable to relax or read in the cloakroom/toilet of my house. Often, I have to take my meals in there as the lounge and dining room are affected. I can only get in my garden for a few minutes and only if I am wearing an under-suit and hood made of [BlocSilver](#) anti-5G fabric.

This video shows how I have to use my cloakroom/toilet as an office¹, then as the only place to lie down and rest during the day.

New LED/5G-emitting Streetlights and Street Furniture

Barrie Trower, British army microwave expert, has stated that radiofrequency radiation (RFR) is the same as the radiation emitted by mobile phone masts and by the **5G-emitting streetlights** that have

been recently installed across practically every city, town, village and hamlet and many motorways and secondary roads in the UK. 5G involves the use of ever higher radiofrequencies – up to 60, 100 and 1,000 GHz, compared to the 2.45 GHz that was used by WiFi routers until now².

Britain's 5G network is to include new equipment installed on road signs, bus shelters and traffic lights according to the Daily Mail Online³ on 9th February 2022. The following comment was posted on Facebook⁴ by someone who lives in a socio-economically deprived area:

*Well, this is interesting! Announced today (9-02-22) by the UK government and Scotland!
"The Government has announced it is slashing council red tape to make it easier for telecoms companies to put in antennas on public infrastructure." - such as bus shelters...
Meanwhile here in Wales, Newport, in my local area (considered a socioeconomically deprived area), we've just had all brand-new bus shelters installed! (I did wonder why they had to excavate the entire area and not just make holes for two posts). It would appear Wales have already made a deal with telecom companies to install their infrastructure without any public consultation! So what?! It's just faster internet and the internet of things?! It's more than that! Not only has there been no wider impact assessments made to address the serious health concerns and risks to people, wildlife, pets and the environment in blanketing areas with this new type of microwave radiation and other concerns identified by prominent doctors and scientists around the world, it also lays down the infrastructure for mass data collection and 24-hour surveillance of private citizens!....."*

Apparently 5G antennae are to be fitted underneath manhole covers in cities also.⁵

It was when reading the statements⁶ below, made by experts in microwave weapons about what the controllers of these microwave weapon systems can do with them, that **I recognised my own symptoms**.

*"If you are targeting demonstrators (with Radio Frequency radiation; current author's comment), you make them **suicidally depressed**. They don't care about demonstrating anymore because they are too upset. With one pulse frequency you can make people **so suicidal** they cannot be bothered to act like a demonstrator anymore. All they want to do is sleep or lay in bed all day"*

– **Barrie Trower, British military, retired, expert in microwave weapons**

"If you are a target there is virtually nothing you can do".

– **William Binney, former technical director, US National Security Agency (NSA)**

"I can disrupt an individual from the level of their cell to their system and disrupt individuals on a variety of levels from individuals all the way up to the social fabric. Target a specific individual change or eliminate that individual with very little attribution or trace and be able to leave prior to any attribution."

– **Dr. James Giordano, PhD, MPhil, Chief of Neuroethics Studies Program, member of Neuroethics, Legal and Social Issues (NELSI) Advisory Panel of the Defense Advanced Research Projects' Agency (DARPA)**

These new **weaponized** streetlights have been fitted in the area where I live, and unsurprisingly I am suffering the very same symptoms described by Barrie Trower (including sudden onset depression and desire to commit suicide, upset stomach, itching skin, painful joints and muscles, extra systole heart beats, heart arrhythmia, tinnitus, profound lack of motivation etc.

If you have new streetlights in your road, you need to consider when they were turned on and what unexplained symptoms you or your family might have developed as a consequence. If you do have symptoms, you must reduce the radiation that is **under your control**. i.e., turn off phones, smartmeters, ditch smart watches, wireless personal alarms cordless phones and wifi routers, and unplug all new electrical appliances when not using them as they all have an Internet of Things RF signal that cannot be turned off. Get everything switched to ethernet cable to get on the internet and not wifi. Any computer shop can help you do this. In fact, many are going further, getting rid of "smart" phones. See: SGT Report: Kill Grid, the vax, 5G & "smart" phones are inextricably linked: <https://www.bitchute.com/video/MdWbmEZVM7d5/>

The new weaponized streetlights have an **LED light** function and an **RF radiation**-emitting unit that operates day and night. Even Public Health England (now renamed the UK Health Security Agency) has warned that the blue light emitted from these lights can cause retinal and eye damage⁸. Scientific articles have listed the injury risk of LED lights⁹. Dr Robert Hanson believes that LEDs emit a "killer light", whose short wavelength damages both **mind** and **eyes**¹⁰. Many LED lights have tiny surveillance cameras fitted. His PhD is in acoustics and light – the visible light spectrum is under attack by LED lights (and CFL Compact Fluorescent Lights) – Robert visited the factory where the lights were made for the Olympics – every light had a perfect camera fitted – but LED's main point is their short wavelength screws up the brain – and all LED streetlights will have perfect cameras. Robert Hanson has written about this and made a TV documentary in Cantonese for Hong Kong channel RTHK. FFI – www.lightaware.org Robert Hanson – Tony Gosling www.dialectradio.co.uk

A major summary of the deleterious health effects **LED lights** is described in the Electro-sensitivity UK Newsletter for Summer 2018.¹¹ It reports that the problem has been generated by the replacement of existing streetlights with low energy LED lights under false pretext that energy conservation can lower carbon dioxide levels and thus avoid Anthropogenic Climate Change, that few realise has never been proved. This is equally applicable to the indoor LED lights which have replaced the totally safe incandescent light bulbs, production of which the Government and EU have banned.

New LED streetlights may double cancer risk, new research¹² warns and this article 'Mainstream Media Coverage of LED Lights That Blind, Fry, and Spy on Us' reports much research to show that LED streetlights are NOT harmless and may **not even use less energy** than their predecessors¹³.

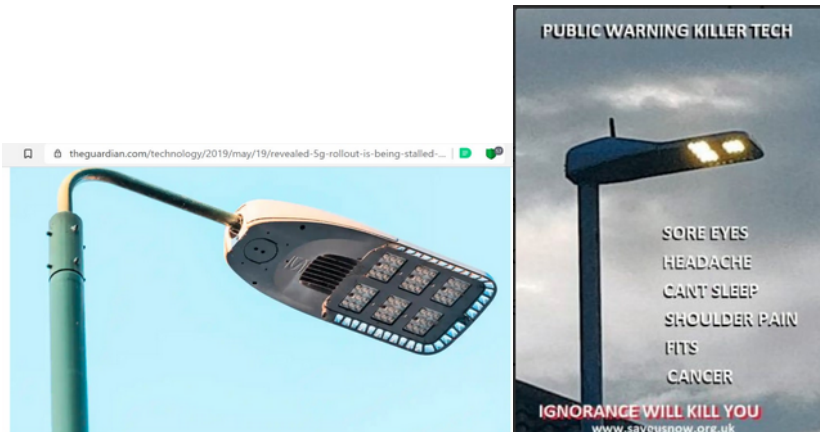
The UK is among the countries singled out in the study for being most affected by the impacts of the transition to LED night lighting, especially the risk of melatonin suppression. Fifty-one per cent of street lights in the UK were powered by LEDs in 2019¹⁴.

The **RF radiation** function incorporating 5G frequencies in these new streetlights is **purported** to be needed for 5G mobile phone communication but can easily be used for the **hidden** purpose of targeting the public as a weapon in the way Barrie Trower describes. (Notice the 'dual policy' in operation as described by Joseph Plummer in his recent book 'Tragedy and Hope 101: The Illusion of Justice, Freedom, and Democracy')¹⁵. Advice given by some phone shops is to avoid buying 5G phones as they just don't work very well at all.

Be in no doubt that 5G and MWR can be used as a weapon. NATO, Russia and China use MWR weapons like this¹⁶. (NATO - North Atlantic Treaty Organisation).
(<http://www.globalresearch.ca/psychotronic-and-electromagnetic-weapons-remote-control-of-the->

[human-nervous-system/5319111?utm_campaign=magnet&utm_source=article_page&utm_medium=related_articles](https://www.theguardian.com/technology/2019/may/19/revealed-5g-rollout-is-being-stalled-...))

'The Global Smart Street Lighting & Smart Cities' market forecast (2019-2028)¹⁷ indicates that 'streetlighting was previously viewed as a major cost - up to 40% of a city's energy budget - **streetlights** are now viewed as a revenue opportunity.'



The Guardian¹⁸ in May 2019 revealed that the **5G rollout** was being **stalled** by rows over **lampposts**. Disputes were centred around how much rent, councils and landlords can charge mobile operators. One lawyer has said. '

Lampposts have suddenly become hot property because 5G requires the installation of transmitters on a dense network of masts taller than a double-decker bus. ...' Experts say the sheer volume of local disputes was jeopardising the government's pledge to get 15m premises connected to 5G by 2025.

BT wants open access to lampposts for 5G.¹⁹ '5G has now been **secretly** deployed in all major areas of the UK. If you have new LED Street lights²⁰ and Smart Meters you can assume that you are now living in a **5G area**, as this is part of the Smart 5G IoT (Internet of Things) Smart City mesh network'. Diagrams²¹ at this website show how new Smart LED streetlights are to be used to deliver more connectivity for the Internet of Things (IoT).

The town of Gateshead²² is facing a 'humanitarian crisis caused by the radiation from state-of-the-art streetlamps': Residents have endured insomnia, nose bleeds and even stillbirths, one local Mark Steele claims. He talks on the Richie Allen Show²³ about how he became involved with 5G emissions from lampposts when he and his neighbours in Gateshead, started having symptoms of ill-health.

These new **5G streetlights** have been fitted by **councils** and a worried whistle-blower sent a lighting unit for analysis to Mark Steele a well-known RF (Radio Frequency) radiation and radar expert. In a video of the dis-assembling of this unit Mark Steele describes it as a **weapon system**. This is **5G WEAPON TECHNOLOGY HIDDEN IN LED STREETLIGHTS THAT HAVE BEEN INSTALLED WORLDWIDE**²⁴.



These are photographs of 5G LED new streetlights. The one on the right is the unit that Mark Steele dis-assembled.

Mr. Steele says that it has directional scanning antennae used in radar devices, so that the radiation can be focused on a chosen target. It can be used to scan into the homes of residents and as such is illegal. The LED lighting electronics requires very little power therefore has thin wiring, but the radar 5G function needs a great deal of power and thus requires heavy cabling which is pointed out. He has reported the use of this equipment which illegal, unregulated and untested, inserted into streetlighting, to the police. He is still waiting for the police to come back to him. The optical radiation elements system was pointed out on the underside of the unit. They are lenses that can create a focus, they are lasers. They are used in motorway lighting and will become more toxic with time as the phosphorus coating wears off. They cause blindness through retinal stress in the eye. Councils are not telling the truth about the technology in their new streetlights.

Mark Steele talks about weaponized 5G streetlights in three more videos²⁵. The first one documents him talking about 5G and LED streetlights at an event in Buckinghamshire.

The second describes LED streetlights with 5G as illegal, unlawfully deployment, an indictable crime ignoring science standards, with no safety or risk assessments, battlefield to civic streets and uninsurable. The blue light of LED streetlights is linked to breast and prostate cancer in research at Exeter University.²⁶ He goes on to display information entitled 'Judge refuses to Gag anti-5G streetlight campaigner stating that the public have a right to know'²⁷. 'The authorities are out of control because they are allowing this technology to be rolled out on top of you', Mr Steele reports.

Sometime later after this judgement, Gateshead City Council replaced their 31,000 new LED/5G streetlights in question.²⁸

Much verifiable evidence is presented in this second video such as 'Balfour Beatty Remote Controls Coventry Street Lights with Mayrise System'²⁹. Following a £250 million PFI award to Balfour Beatty by Coventry City Council, the citywide installation of a centralised system will allow the automatic dimming of streetlights and signs from a central control centre. Mr. Steele reminds us that these new streetlighting systems described above are **'weapon systems.'**

In the third video³⁰ Mark Steele is described as a world leading expert on 5G technology. The dis-assembly of a new streetlight unit is shown.

Mark Steele of www.saveusnow.org.uk in this video entitled 'Battlefield Technology, Coronavirus, LED Streetlights, RF, EMF and 5G to the BBC' describes how **5G radiation** is delivered through the new streetlights and how it triggers coronavirus³¹ symptoms. Be certain to scroll down to Mark Steele's 5G BBC interview. When asked why he was concerned about 5G and coronavirus, he said 5G equipment has antennae that allow it to be directed at a target and that is a weapon. It is a direct energy weapon system and belongs on the battlefield and not in public areas. He became

aware of the 5G system when people in the Gateshead area began to become ill particularly with nosebleeds precisely when the new LED furniture (streetlights) were installed.

With an EMF meter he recorded 1.7volts/metre radiation a house nearby to the new streetlights. 200mv/m is the maximum exposure. He realised the connection between 5G and Coronavirus when Wuhan switched on their 5G and soon after the Coronavirus illness occurred. A similar conclusion was drawn by the researcher and building biologist Paul Doyon³² in an article entitled 'China, 5G, And the Wuhan Coronavirus: The Emperor's New Virus'. He points up the connection between installation of **5G** and so-called **coronavirus** symptoms. In fact, the highest death rates outside of China have been in places already implementing 5G technology, South Korea and Italy, for example. This conclusion accords very well with that of Mark Steele.

It is known that microwave radiation poisoning, causes cellular damage that exhibits as flu-like symptoms and ultimately pneumonia. A number of internationally recognised doctors were quoted as saying the illness attributed to the so-called Coronavirus is not caused by a virus at all. The BBC interviewers displayed they total ignorance of knowledge other than the narrative given by mainstream media which many see as terribly biased and unreliable. Mark Steele, exhibiting a very wide knowledge which is eminently supported by published science, told the interviewers to ask the Government why they had rolled out more 5G, a known immune system suppressor at a time when more people were at risk of getting ill.

He touched on the fact that by varying the parameters of a microwave radiation transmitter different physical and mental illness conditions can be induced in the target population.

The BBC interviewers kept saying that PHE and the Government say that 5G and microwave radiation is safe, but Mark Steele rebutted this saying that their arguments are untrue. Who do I believe?

Well having to wear a protective suit and hood of radiation-blocking fabric to do housework just in case I get too near the windows and wear a double suit and hood to mow the back lawn for 25 minutes, ever since the new LED/5G new streetlights were switched on permanently two years ago, I am inclined to believe Mr. Steele rather than PHE and the Government. It is an abomination that these two agencies cannot be trusted. They actually tell lies.

Other illnesses³³, like sore eyes, headaches, can't sleep, shoulder pains, fits and cancer can be triggered.

There has been no discussion or debate about any health and environmental damage caused by, 5G emissions with the public nationally or locally. **Why the haste?** Why the deviation from the **cautionary principle**, which requires extensive laboratory and then field testing before being rolled out worldwide?

Again, there is a suspicion of a hidden **dark** agenda. We are **exhorted** to 'save the planet that does not need saving from Anthropogenic Climate Change based on fraudulent science, wear masks to protect against a virus that has yet to be proved to exist, whilst being **encouraged** to put a mobile phone emitting toxic radiation to our head, to live in a wifi-filled environment whilst being manipulated by advertising and biased scientific reporting into passively accepting the real danger to all life on earth – namely the roll out of 5G via huge masts, streetlighting and now street furniture, on top of 4G, 3G, 2G and 1G.

Is this why 'nearly 200,000 **scientists**, doctors, engineers, citizens and organisations have signed an international **appeal to stop 5G**? A copy of the petition was handed to Downing Street on 22nd January 2020.'³⁴

Regarding human health and 5G, Professor Emeritus Martin Pall discusses the damage RF radiation does to humans and nature, citing The US Naval Office of Medical Research 1971. This research issued a report of various types of health effects produced by EMFs. In it they listed over **100 different health effects that included over 40 different neuropsychiatric effects** including changes in brain structure and function, changes in various types of **psychological responses** and **changes in behaviour**,³⁵ how 5G microwave radiation causes coagulation of the blood³⁶, that 5G radiation causes pneumonia symptoms³⁷, 5G radiation causes skin cancer³⁸, Alzheimer's disease³⁹, articles about antioxidant enzyme systems in the human population exposed to radiation from mobile towers are damaged, a 3 fold increase in rates of mis-carriage has occurred along with increased rates of suicide amongst electrical utility workers, increased cancer rates, tinnitus, and strokes among 18 to 34 years of age increasing by 50% in the ten years to 2014. Electro hypersensitive (EHS) people (nearly 1million in the UK) need to be aware of 5G devices as they will be affected first with health effects.

When these antennas are in place, it will be relatively easy to alter and manipulate brain wave function of its users and others close by⁴⁰ and finally the website features the connection of 5G to the ultimate health issue so-called virus SARS-CoV-2 with the 'Expert Report on Fifth Generation (5G) Directed Energy Radiation Emissions in the Context of Nanometal-contaminated Vaccines that include Covid-19 with Graphite Ferrous Oxide Antennas'⁴¹. This paper links all of these concepts in a way verified by other independent research.

There are more reports of health problems in the vicinity of these **new streetlights**⁴². People living in the vicinity of new streetlights report health complaints such as nosebleeds and miscarriages. An antenna is clearly visible on the streetlamps. An IEEE engineer living nearby has measured electromagnetic radiation at 868MHz and attributes it to 5G. However, the Council says that there is no 5G in the lanterns.

Doctors and scientists are warning about 5G antennae everywhere in cities. They are calling for delaying deployment of 5G because of health risks. **Frank Clegg former president of Microsoft Canada** said on this video 'it has not been made clear to the public that 5G will not just be another number and lighter on your cell phone, it requires an entirely new infrastructure of thousands of small cellular antennas to be erected throughout cities where it is going to be installed.'

Interviewer. 'What would 5G infrastructure look like? Small antennas could be placed as close as every third telegraph pole. **Scientists from 42 countries are now warning their governments about the emerging health problems associated with wireless radiation and Canadian doctors and scientists have added their voices.**

Dr. Riin Bray. 'The most prevalent symptoms are headache, fatigue, decreased ability to concentrate, tinnitus, irritability and insomnia. Impacts on the heart and the nervous system are also of great concern.....'.⁴³

"Michael Mansfield QC is leading our legal team challenging the UK Government over its failure to take notice of the health risks and public concern related to **5G**. A comprehensive account of the scientific research in the effects of 5G radiation on all life including humans is given.

We bring this case because we lack confidence in Public Health England. PHE has dismissed multiple warnings from both government and independent scientists including many **Scientific Committees for Health** and the evidence of thousands of peer-reviewed scientific papers. Instead, it accepts **outdated opinions** from **unreliable** and **unaccountable** agencies.

Since 2000, when The **Stewart Report** recommended the government apply the precautionary principle to radio frequency radiation, the **government** has **failed** in its duty to protect health.

Our concerns include the imposition of radiation on the population without consent and the serious matter of privacy, surveillance, and social control.

No safety testing for 5G

5G will result in unprecedented exposure to a particular type of phased radiation at frequencies that have never been used in consumer applications before.

Experts warn that the effects of the combined exposure with existing radiation from GSM, 3G, WiFi, 4G will cause serious damage to health. There is already a substantial body of evidence demonstrating that existing radio frequency exposures are harmful to health.

Whilst research on the new modulation and use of higher frequencies is sparse, there are publications which suggest harmful effects to human and animal health.

Industry has not produced a single study to show that 5G is safe or undertaken any risk assessment for effects on humans, wildlife and the environment for this laser-like beam forming technology.

5G will increase the microwave and millimetre wave radiation in our environment and it will use new frequencies that have not been evaluated for safety.

Since the effects of 5G on all biological life have not been tested, and there have been no safety studies into short or long-term health effects, **no-one can say that 5G is safe.**

Reassurance of safety is currently based on the long obsolete viewpoint that radio frequency (RF) radiation can only cause harm above thermal, tissue heating, levels of exposure. This concept has been **invalidated** by hundreds of peer-reviewed published scientific papers.

Insurance underwriters such as Lloyds of London and Swiss Re have weighed up the risk; Swiss Re class it as a future 'high-impact risk.'

In their information to shareholders, telecommunications companies warn about potential loss of share value due to future litigation related to health risks.

Consequence of 5G implementation

The consequence of inaction will allow **irreparable harm to all life**, most particularly the unborn, children, the elderly, anyone with underlying health conditions and people with metal implants.

There will be a fundamental difference in our lives, and we will lose our privacy as surveillance and social control by industry and governments becomes ubiquitous with tracking and monitoring leading to behaviour modification.

We might ask ourselves whether we wish to have our lives become the property of any corporation for control and profit. Are we to be obedient to the interests of others, with choices reduced and decisions determined by an algorithm? Or do we value our right to self-determination without coercion, and free from harm?

Solid evidence

The **first study of 5G's** effects on humans was published recently⁴⁴. "According to the study, a 5G base station installed on the roof of an apartment building caused extremely high levels of non-ionizing radiation in the apartment of the two persons living just below the station.

Within a few days of exposure, the residents of the apartment developed symptoms of microwave syndrome (Electrohypersensitivity EHS). After moving to a place with lower radiation, the symptoms quickly decreased or disappeared.

Before 5G was installed there were already base stations for 3G or 4G in the same location directly above the apartment. So even though the radiation level **before** switching to 5G was high, **after** switching on 5G, the levels increased 188 times".

The man and the woman in the flat below the roof where the 5G masts were located "experienced fatigue, sleeping problems, dizziness, emotional effects such as irritability and depression, nose bleeds, tinnitus, heart symptoms, memory problems and skin issues, all typically associated with microwave syndrome."

Numerous other recent scientific publications have shown that electro-magnetic radiation affects living organisms at levels well below most international and national guidelines.

Proven effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological disorders, and negative impacts on general well-being in humans.

Damage goes well beyond the human race, as there is growing evidence of harmful effects to both plants and animals.

The deployment on this scale of pulsed microwave radiation is reckless." says Michael Mansfield QC.⁴⁵

Further Evidence of 5G Harm

Health Impact of 5G is by the STUDY Panel for the Future of Science and Technology (EPRS) European Parliamentary Research Service. This study gives the current state of knowledge of 5G-related carcinogenic and reproductive/developmental hazards as they emerge from epidemiological studies and in vivo experimental studies⁴⁶.

Here can be read scientific literature from Physicians for Safe Technology on the effects of wireless technology.⁴⁷ Scroll down to the bottom of the screen to see all the listed research. There are hundreds to thousands of studies on health and biological effects of wireless radio frequency

radiation over the last several decades. Compendiums that have hundreds of references include the following:

- The Bioinitiative Report at BioInitiative.org⁴⁸
- Military Compendiums- Naval, Department of Intelligence, NASA and the EPA among others. See Physicians for Safe Technology (PST) Military Compendium's⁴⁹ page for more information. These **Military and Government Reports** are long but thorough compendiums that indicate **harm from this type of non-ionizing radiation** has been known for many **decades**. It includes USSR research translated from Russian. It is a hugely impressive resource.

If you scroll down to the bottom of this first page of PST Military compendium page, you will find the many papers that are listed giving the **effects of damage** to humans and wildlife.

[Digital Technology and Public Health](#)

[Review of Topics](#)

[Blog](#)

[Scientific Literature](#)

[Biological and Cellular Mechanisms](#)

[Health Effects Science](#)

[Brain Tumors and Cell Phones](#)

[Policies, Resolutions, and Testimony](#)

[Electrosensitivity Science](#)

[Behavior, Memory & Learning](#)

[Reproductive Health Effects](#)

[Health Effects of Digital Technology](#)

[Cell Phones and Cancer: Review Information](#)

[5G Telecommunications Science \(mdsafetech.org\)](#)

[Behavior, Memory & Learning \(mdsafetech.org\)](#)

[Biological and Cellular Mechanisms \(mdsafetech.org\)](#)

[Brain and Nervous System Effects \(mdsafetech.org\)](#)

[Brain Tumors and Cell Phones \(mdsafetech.org\)](#)

[Cancer and Radiofrequency Radiation \(mdsafetech.org\)](#)

[Cardiac Effects of Radiofrequency Radiation \(mdsafetech.org\)](#)

[Cell Tower Radiation Health Effects \(mdsafetech.org\)](#)

[Electrosensitivity Science \(mdsafetech.org\)](#)

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[Hematologic Effects \(mdsafetech.org\)](#)

[immune and Endocrine System \(mdsafetech.org\)](#)

[Military and Government Reports \(mdsafetech.org\)](#)

[NTP Study on Cell Phones and Cancer 2018 \(mdsafetech.org\)](#)

[Prenatal Effects \(mdsafetech.org\)](#)

[Reproductive Health Effects \(mdsafetech.org\)](#)

[Sleep, Melatonin and Light at Night \(mdsafetech.org\)](#)

[Wi-Fi Radiation Effects \(mdsafetech.org\)](#)

Electromagnetic Radiation

The huge increase in microwave radiation without factoring in the damaging health effects of 5G is the likely **cause** of many scores of illnesses. See articles below:

⁵⁰'Are You Swimming in an Invisible Sea of EMFs? Here's What to Do'.

⁵¹The biggest killer of adults under 40 is brain tumours;

⁵²And the biggest killer of children is brain tumours.

If the reader is not yet completely convinced that radiation from mobile devices, masts and 5G is harmful, view the approximately **73 appeals** and **petitions** by doctors and scientists worldwide⁵³ warning of the dangers of electromagnetic radiation.

Electromagnetic hypersensitivity Public Hearing⁵⁴ – November 2014 found that there are 3-5% of Europeans (22.3 - 37.1 million individuals) who may be affected by EHS (Electrohypersensitivity).

According to this report, conditions and illnesses caused by RF radiation are, problems with concentration, memory, and learning, sleeping difficulties, depression, Alzheimer's disease, asthma, autism, cancer, immune system effects, infertility, childhood & adult leukaemia, miscarriage (scans of pregnant women are linked to a five-fold increase in miscarriage as compared to those that are not scanned)⁵⁵, DNA damage, and oxidative stress.

The best EMF/RFR article to date is, 'Are You Swimming in an Invisible Sea of EMFs? Here's What to Do'⁵⁶ by Dr Joseph Mercola. He says, 'The telecommunication industry has manipulated federal regulatory agencies, public health authorities and professionals through powerful and sophisticated lobbying efforts leaving consumers confused and unaware of the health risks associated with EMFs.

The type of EMF your cell phone emits is in the microwave 2 to 5 gigahertz range. Besides your cell phone, electronics such as baby monitors, Bluetooth devices, cordless phones, smart thermostats, and Wi-Fi routers consistently emit microwave radiation at levels that may damage your mitochondria (the energy-producing system of all cells).

Interestingly I have reviewed a number of studies that show double and single strand DNA breaks are actually higher when exposed to non-ionizing microwave radiation than ionizing radiation. This is believed to be due to the excessive oxidative stress that microwave exposure induces.

Intracellular calcium increases with exposure to EMFs. Pall also discovered a number of studies showing that you can block or greatly reduce the effects of EMFs using **calcium channel blockers** — medication commonly prescribed to patients with heart disease.

Calcium Channel Blocker drugs help combat the effects of Microwave Radiation.

Calcium channel blockers are medications used to lower blood pressure. They work by preventing calcium from entering the cells of the heart and arteries. Calcium causes the heart and arteries to squeeze (contract) more strongly. By blocking calcium, calcium channel blockers allow blood vessels to relax and open.

Some calcium channel blockers can also slow the heart rate, which can further lower blood pressure. The medications may also be prescribed to relieve chest pain (angina) and control an irregular heartbeat.

Calcium channel blockers are also called calcium antagonists.

Calcium Channel Blocker foods help combat the effects of Microwave Radiation.

Magnesium is the best Calcium Channel Blocker.

Eat foods high in magnesium.

Several vegetables contain high levels of magnesium, including artichokes, black, navy and white beans, soybeans, squash, broccoli and tomato paste. The chlorophyll molecules in green vegetables such as beet greens, spinach and Swiss chard contain magnesium, making these nutrient-rich leaves an excellent choice for increasing your magnesium levels.

Seeds high in magnesium include sunflower, sesame and pumpkin seeds. Almonds, Brazil nuts, hazelnuts, pine nuts, and cashews are all nuts with high magnesium content. Peanuts are also a good source of magnesium, but are actually in the legume family and are not considered true nuts.

Notably, it is the excess **calcium** in the cell and increased calcium signalling that are responsible for a **vast majority of the biological effects of EMFs**.

Pall discovered no less than 26 bodies of research asserting that EMFs work by activating **voltage-gated calcium channels** (VGCCs), which are located in the outer membrane of your cells. Once activated, they allow a tremendous influx of calcium into the cell — about 1 million calcium ions per second per VGCC.

When there's excess calcium in the cell, it increases levels of both nitric oxide (NO) and superoxide. While NO has many beneficial health effects, massively excessive amounts of it react with superoxide, forming **peroxynitrite**, which is an extremely potent oxidant stressor.

EMF radiation activates the VGCCs in the outer cell membrane, triggering a chain reaction of devastating events that, ultimately:

- Decimates your mitochondrial function, cell membranes and cellular proteins.
- Causes severe cellular damage.
- Results in DNA breaks.
- Dramatically accelerates your aging process.
- Puts you at higher risk for chronic disease.

This pathway of oxidative destruction triggered by low-frequency radiation emitted from mobile devices may partially explain the **unprecedented growth rate of chronic disease**⁵⁷ since 1990.

This, truly, is a far greater concern than brain tumours, when it comes to the hazards of cell phones.

The author Richard Lear, NOTE to Readers: I am seeking one or two scientists to take the following research and paper forward. There are really two papers here.

One is a paper that strengthens the scientific connection between **peroxynitrite** (caused by exposure to EMR) and at least **forty fast-growing chronic diseases**.

The second paper is a translation of the science that can be offered to the American people, who remain unaware of the root cause of the dramatic increase of chronic disease and conditions in the US. More than 170 million Americans are currently suffering from diseases and conditions that can be vastly improved or even reversed by reducing levels of **peroxynitrite** through moderate changes in lifestyle (*reduce or give up altogether use of mobile phones and wifi, reject all vaccinations, foetal scans*), the immediate environment (*removal of EMR sources like LED/5G streetlighting and all phone masts, clean unfluoridated drinking water*) and diet (*only organic food and drink*) plus non-prescription supplementation. While scientists recognize the pivotal role of **peroxynitrite** in disease, few policy makers and physicians are aware of the opportunity they have to heal a nation suffering from chronic diseases. The annual cost of just forty fast-growing diseases is more than \$2.5 trillion. With increased awareness and action, this cost to society can be reduced to a fraction by simply implementing the knowledge we already have. (Current author's italics).

There has been unprecedented growth in a new class of chronic diseases in the US since 1990. Four categories of disease have virtually exploded: autoimmune, neurological, metabolic and inflammatory. Meanwhile, there has been a similar uptick in reproductive conditions like infertility and a half dozen psychiatric disorders.

In a single generation, there has been a dramatic acceleration in the prevalence of diseases and disorders like autism (2094%), Alzheimer's (299%), COPD (148%), diabetes (305%), sleep apnea

(430%), celiac disease (1111%), ADHD (819%), asthma (142%), depression (280%), bipolar disease in youth (10833%), osteoarthritis (449%), lupus (787%), inflammatory bowel disease (IBD –120%), chronic fatigue syndrome (11027%), fibromyalgia (7727%), multiple sclerosis (117%) and hypothyroidism (702%).

Together, this team details the cytotoxic effects, tissue damage and biochemical disruption of **peroxynitrite** and then systematically connects the molecule to more than 60 chronic diseases. Among them: neurodegenerative disorders, heart disease, vascular disease, accelerated aging, hypertension, inflammatory disease, cancer, stroke, arthritis, IBS, kidney disease, liver disease, Alzheimer's, MS and diabetes.

The impact from *germless disease* in America is staggering. In a population of 322 million, there are now more than 700 million instances of the forty fast-growing chronic diseases and medical conditions tracked in this article. Americans are suffering from an average of 2.1 chronic diseases per person across this select group in 2016.

However, this paper studiously avoided indication of the possible source of this **peroxynitrite**. The most obvious is the unprecedented increase in **Electro Magnetic Radiation** as Joseph Mercola points out in his recent book 'EMF*D: 5G, Wi-Fi & Cell Phones: Hidden Harms and How to Protect Yourself'⁵⁸

It is noticeable that very little to nothing of all the above information is described or discussed in the mainstream media of TV, radio and newspapers. One must ask why this is.

Conclusion

I hope I have done enough to link 5G radiation with the new LED/5G streetlights, shown the harm done by 5G and therefore by the new streetlights in nearly every road in the UK. We need to have them removed as Gateshead City Council did.

I make no apology for the length and detail of this paper, because I want the reader to appreciate just how much well documented research, describing in depth the hugely damaging effects of microwave radiation on all of nature including mankind, has managed to be **ignored** by august bodies that the public rely on and trust to keep them safe. It will go down in history as the greatest tragedy of all time.

We live inside a web of iniquity the like of which the man in the street can scarcely imagine.

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paulgregory34@hotmail.com

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