

# DO YOU HAVE MICROWAVE/EMR SICKNESS?

## YOUR SMART PHONE MAY — INSIDIOUSLY — BE MAKING YOU SICK!

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*All truth passes through three stages. First, it is ridiculed. Second, it is violently opposed. Third, it is accepted as being self-evident.*

– Arthur Schopenhauer

*In the beginner's mind there are many possibilities. In the expert's mind there are few.*

– Shunryo Suzuki

*A good student answers questions but does not question answers.* – Ira Shor

*The further a society drifts from the Truth, the more it will hate those who speak it.*

– George Orwell

Are you or someone you know plagued — or even bothered — by some kind of mysterious health disorder or issue? And is it continuously getting worse despite your best efforts at trying to improve or at least maintain your health by eating the *right* food, drinking the *right* water, and doing the *right* kind of exercise (e.g. yoga, qigong, etc.)?

Allergies, asthma, sleep disorders, intestinal disorders, neurological problems, immune system disorders, heart disease, diabetes, ADHD, autism, epilepsy, CFS, Alzheimer's, and cancer have all increased astronomically in the past thirty-some years — and this is in spite of the fact that there has been an increase in the trend for people live healthier lifestyles: The *Whole Foods* natural supermarket chain and others like it have expanded exponentially across the USA and participation in health-oriented courses and/or activities like *yoga* and *qi gong* are at an all time high as increasing numbers of consumers demand healthier foods and seek to live healthier life styles. And despite these trends, an increasing number of people seem to be getting sicker — to increasingly suffer from a growing number of baffling chronic disease states. One thing — something not so evident, but perhaps conversely pernicious — has also increased exorbitantly in our environments during this time: Levels and varieties of electromagnetic pollution. And, as a matter of fact, there is until recently buried research going back to the 1930s connecting all of the above listed disease states with exposures to electromagnetic radiation (EMR).

Many people have a hard time fathoming — let alone believing — that something that they cannot see, touch, smell, taste or hear — sense with the five senses — something

so insidiously pervasive, yet so invisible, in their environments might actually be harming their health and/or the health of their loved ones so much. But if people took the time to look up from their smart phones and wake up from their electromagnetic slumbers to dig a little deeper into researching the buried facts about the health hazards caused by all this invisible electromagnetic radiation ever increasingly pumped out into our environments from a worldwide plethora of wireless devices (i.e. cell phones, smart phones, smart pads, Wi-Fi, Wi-Max, Smart Meters, etc.) and the cell phone towers or masts which support them, would they still really be so mindlessly addicted to and uncritically obsessed with their devices? Would they still be so listless about allowing the antennas to be built in the vicinity of their homes, work places, schools, and hospitals — let alone installed in their own homes? The fact of the matter is that there has been a major increase in about eighty immune-system disorders that were hardly seen thirty years ago before we really started microwaving the planet. Research has continued to show that this electrosmog may very likely be playing a role in — to reiterate — a host of these illnesses including *autism, ADHD, CFS, Alzheimer's, MS, allergies, heart disease, stroke, diabetes*[1], *insomnia, depression, infertility, leukemia, breast cancer, brain tumors, miscarriages, birth defects, epilepsy* and a plethora of other illnesses — and we should not forget to mention *electrosensitivity (ES)*[2] or *electrohypersensitivity (EHS)*. As a matter of fact, a number of European researchers are predicting that by the year 2017 as much as fifty percent of the world's population may start to suffer from this seemingly conveniently (by most governments) unrecognized disability[3] (Hallberg & Oberfeld, 2006).

Dr. George Carlo[4], who was hired to head a 28-million-dollar research program between 1993 and 1999 for the wireless industry working directly under Thomas Wheeler (present head of the FCC and former lobbyist and head of the CTIA — The Wireless Association), uses the analogy of putting a frog in water. If you put a frog in boiling water, it will naturally jump out because the water is extremely hot. However, if you put a frog in cold water and slowly and gradually heat the water, you can cook the frog to death because the frog's body will slowly attempt to adjust to the slight changes in temperature and it will not notice it is being cooked. Well, the same thing might be happening to an unsuspecting public — a public that has been misled about the Truth concerning the real dangers of microwave radiation from smart phones, Wi-Fi and other devices and antennas emitting high-frequency radiation.

The truth of the matter is that your smart phone and your Wi-Fi might very well be making you and those close to you sick! Please read on!

I. An growing number of studies[5], in conjunction with numerous anecdotal reports have documented to a plethora of symptoms associated with exposures to electromagnetic radiation[6]. Symptoms known to be caused by exposure to electromagnetic radiation — depending on frequency, duration, and exposure levels — in the early stages (and/or at lower exposure levels) can be *decreased stamina, memory problems, fatigue, sleep disturbances, headaches, eye sensitivities, increased allergies and other sensitivities*[7], *dizziness, irritability, concentration problems, nausea, and restlessness*. At the latter stages (and/or at higher exposure levels), *unexplained anxiety, insomnia, swollen lymph nodes, depression, loss of appetite, hypoxia* (lack of

oxygen getting to the tissues), *hyperactivity, dry eyes, vision problems, weakened immune system, frequent urination, night sweats, extreme thirst, weight gain or weight loss, testicular pain, decreased libido, and cancer*[\[8\]](#) (Becker,[\[9\]](#) 1985; Levitt, 1995; Cherry, 1996; Kolodynski & Kolodynski, 1996; Santini et al, 2002; Al Khelaiwi & Meo 2004; Radio Wave Sickness; Selsam, 2005; Bortkiewicz et al, 2005; Sage 2006). These symptoms very often suddenly appear in people who have had a cell phone tower installed nearby their home or work — or a Wi-Fi system installed in their home.

II. Microwave exposure induces oxidative damage[\[10\]](#) leading to depletion of the body's natural production and store of a number of antioxidative enzymes[\[11\]](#) and antioxidants like super oxide dismutase (SOD), catalase, glutathione, CoQ10, and melatonin (Wei, 1999; Campanella et al 2003; Gautier & Santini 2003; Ilhan et al 2004; Ozquner et al 2005; Regoli et al 2005; Zwirska-Korczala et al 2005; Goldberg G. 2006; Jelenkovi et al 2006; Kains et al 2006; Ozquner et al 2006; Yurekli et al 2006; Carlo[\[12\]](#) 2007). When the body becomes depleted in antioxidants, what are known as free radicals — aka reactive oxygen species (ROS) — will wreck havoc on the body's cellular systems (e.g. cell wall, mitochondria, DNA) causing oxidative damage which can thus lead to premature aging, a weakened immune system, and sticky blood, among other serious problems. With a depressed level of antioxidants in the blood, for example, not only low-density lipoproteins (LDL)[\[13\]](#) will bind with free radicals (oxidants) leading to the formation of foam cells[\[14\]](#) forming plaque on arterial walls, but evidence is showing that this can also happen with the high density lipoproteins (HDL) as well (Hurtado, et al., 1996). This leads to arteriosclerosis and more viscous blood, which in turn can cause blood clots leading to strokes and heart attacks.

III. Microwaves, depending on their frequencies, have been known to effect an abnormal flux of calcium into or out of cells[\[15\]](#) (Nair, 1989; Cleary, 1999; Dorothy, 1999[\[16\]](#); Amara, 2004). When there is an abnormal influx of calcium into mast cells, for example, they release histamine (Chakravarty, 1986, 1987). This is just one of the ways in which microwave exposure has been known to trigger or aggravate allergic reactions.[\[17\]](#)

IV. Microwave exposure has been known to cause mitochondria damage (Dutto et al., 1984; Xie et al., 2004; Goldberg, G., 2006; Buchachenk, et al., 2006). The mitochondria are the powerhouse of the cell. Dysfunctional mitochondria will interfere with the cellular energy production and can be linked to fatigue — and very possibly even obesity.[\[18\]](#)

V. Microwaves have been shown to depolarize the body's red blood cells (Havas, Tomson). This will cause the red blood cells to clump together and when this happens, the amount of oxygen getting to the brain cells and the body's other organs' cells is substantially diminished leading to hypoxia. This can cause symptoms similar to altitude sickness: nausea, dizziness, inability to concentrate, headaches and so on. Microwaves have also been shown to induce protein shedding from the cellular membranes of red blood cells (Liburdy et al 1984, 1987, 1988). This would naturally weaken the red blood cell leaving it more susceptible to attack by free radicals and hence to oxidative damage.

VI. Microwave exposure has been shown in studies to induce a decrease in the numbers of Natural Killer (NK) cells (Smialowicz et al 1983, Yang et al 1983, Nakamura et al

1997, 1998, Dmoch & Moszczynski 1998), which is a form of white blood cell (lymphocyte) and is the body's first line of defense against pathogens. This leads to the body's weakened ability to recover from viral and other types of infections. Therefore, people exposed to microwave radiation would take longer than normal to recover from your day-to-day infections.

VII. Exposure to long-term microwave radiation has been shown to change a particular form of white blood cell (lymphocyte) ratio – known as the T-helper/T-suppressor (T4/T8) cell ratio – from normal to abnormal (Dmoch & Moszczynski 1998). Abnormalities in this T-lymphocyte ratio have been shown to lead to an increased susceptibility to viral, fungal, and bacterial infections. Symptoms include “sore throats, low-grade fevers, weakness, persistent fatigue, and swollen lymph glands” (Braverman).

VIII. In fact, research has shown that exposure to microwaves and other electromagnetic radiation not only weakens the immune system,[\[19\]](#) but also effects an increase in viruses, bacteria, mold, parasites, and yeast in the blood of the human host.[\[20\]](#)

IX. Microwave exposure has been shown in studies to induce what is known as “subliminal” stress (Becker[\[21\]](#) 1985, Levitt[\[22\]](#) 1995), (since the body does not know it is being stressed) causing the adrenal glands to excrete an abnormally greater amount of the stress hormones cortisol and adrenaline. Excretion of adrenaline, for one, can lead to irritability and a feeling of hyperactivity — the latter now very common in children with Attention Deficit Hyperactivity Disorder (ADHD) — and the condition of putting one in a state of fight or flight. In a continuous state this will eventually lead to adrenal exhaustion, in which the adrenal glands just stop working, which is a common abnormality found in Chronic Fatigue Syndrome (CFS).

X. Microwave exposure has been shown to alter levels of 5-HT in the blood (Wang 1989) of workers exposed. 5-HT is a precursor to the production of the brain hormone serotonin. Low levels of serotonin have been linked to anxiety and depression (Gorman et al 2002, Goldberg G 2006). An increase in anxiety and depression can in turn be linked to growing numbers of suicides.

XI. Microwave exposure has been shown to induce a decrease in levels of the brain hormone norepinephrine (Takahashi et al 1994). This hormone is essential for control of the autonomic nervous system, and lack of it can lead to autonomic nervous system disorders. For example, if the autonomic nervous system is not working properly, the body will have trouble regulating its temperature – i.e. cooling itself when it is warm and heating itself when it is cold (Gandhi & Ross 1987). This could lead to feeling colder than one would normally when it is cold and feeling warmer than one would normally when it is warm (Way et al 1981). In fact, People with Chronic Fatigue Syndrome (PWC) have been found to have a disturbed circadian Core Body Temperature (Tomoda et al 1997). An abnormal decrease in norepinephrine levels has also been connected to short-term memory disturbances (Clinton et al 2006), ADHD (Arnsten & Li 2005) and depression (Charney 1988, Meyer et al 2006).

XII. Production of the brain hormone melatonin has also been shown to be altered by exposure to microwaves (Yellon 1994, Altpeter et al 2006). This brain hormone and

antioxidant is necessary for proper sleep. 42 million (approximately one in five) Americans in 2006 took sleep medication for insomnia, up 60% from 2000 (Saul 2006), while others often experience sleep disturbances due to exposure to electromagnetic radiation (EMR) (Hubert et al 2002). A drop in melatonin levels has also been connected with increases in breast cancer (Blask et al 2005).

XIII. Changes in the levels of the brain hormone, dopamine (or dopamine transporters), has also been shown to be connected with microwave radiation and other EMF exposure (Mausset-Bonnefont et al 2004, Sieron et al 2004). A drop in dopamine levels has also been linked with depression (Brown & Gershon 1993) and restless leg syndrome (RLS) (Allen 2004).

XIV. Exposure to electromagnetic radiation has been shown to effect an abnormal drop in the levels of the neurotransmitter acetylcholine (Modak et al 1981, Dutta et al 1992, Omura & Losco 1993, Testylier et al, 2002; Gautier et al, 2003). A drop in the levels of this neurotransmitter has been linked to a number of neurological and neuromuscular disorders – including Alzheimer’s disease.

XV. Some electromagnetic frequencies have been shown to induce restlessness (Cherry, 1996; Rajendra et al, 2004; Shtemberg et al 2004; Selsam,[23] 2005). This only strengthens the possible connection between EMR and restless leg syndrome (RLS) since dopamine has been shown to be affected by EMR and dopamine agonists are used to treat RLS (Weimerskirch & Ernst, 2001; Aramideh & de Weerd, 2006).

XVI. Electromagnetic fields — like those emitted by cell phones — have been shown to alter regional cerebral blood flow (Huber et al 2002, Huber et al 2005, Haarala et al 2003, Goldberg G 2006, Aalto et al 2006). In conditions like autism and chronic fatigue syndrome (CFS) it has been shown via SPECT (Single Proton Emission Computed Tomography) scans that there is an altered flow of blood in the brain (Tomoda et al 2000, Goldberg MJ[24] 2000, Miike[25] et al 2004).

XVII. Numerous studies are now connecting microwave and other electromagnetic radiation exposure to an increase in allergies (Kimata 2002 [see also Ingels], Kimata 2003, Kimata 2005). Microwave exposure has been shown to turn on mast cells to release more histamine[26] — the chemical responsible for allergic reactions — and other electromagnetic fields have been shown to actually increase the number of mast cells in the body[27] (Johansson & Liu 1995, Johansson et al 1996, Johansson et al 2001). Microwaves have also been found to increase immunoglobulin antibodies in the body (Bergier et al 1990, Dmoch & Moszczynski 1998, Moszczynski et al 1999, Yuan et al 2004, Kimata 2005). Immunoglobulin antibodies are responsible for triggering an allergic reaction to a particular substance or protein. Could it be that the EMR confuses the body into making antibodies to the wrong things? Many researchers and scientists were — and still are — puzzled by the fact that the East German population had so few allergies in comparison to the West German population when the two countries unified (Hermann-Kunz 1999a & 1999b, Heinrich et al 2002, Kramer et al 2002). But what they failed to examine is the simple fact that East Germany had much stricter regulations regarding ambient radiation levels than West Germany. Since East Germany adopted

West Germany's standards, allergies in former East Germany have since reached par with the levels of former West Germany.

XVIII. Microwave exposure has also been shown to adversely affect the heart (Becker, 1985, pp. 314-315; Ozquner et al 2005) and could very well be linked to heart irregularities and responsible for triggering heart attacks.

XIX. Exposure to microwave radiation has also been shown to effect an abnormal increase in nitric oxide (NO) (Jelenkovic et al 2006). An abnormal increase in cellular calcium can also lead to an abnormal increase in cellular NO (Kitamura et al 1997, Li et al 2003), which in excess combines with the superoxide (O<sub>2</sub><sup>-</sup>) to produce a damage-producing free radical or oxidant called peroxynitrite (Henmani & Parihar 1998). Peroxynitrite has been linked with chronic fatigue syndrome (Pall).

XX. Microwave exposure has been shown in numerous studies to open the blood brain barrier (BBB) (Albert & Kerns 1981, Williams et al 1984, Quock et al 1986, Quock et al 1987, Neubauer et al 1990, Schirmacher et al 2000). The BBB protects the brain from foreign substances like viruses, bacteria, and chemical toxins in the blood which may injure the brain. Thus, exposure to microwave radiation could very well open people up to viral and bacterial infections of the brain that would not normally occur otherwise.

XXI. There has been a dramatic increase in brain tumors (Bleyer 1999) and other cancers in the past twenty years — especially with the advent of the cell phone. After 1984 (the year the first cellular phone networks were set up in most major cities in the USA) there was a notable jump in children's brain tumors (see video[28]) though according to the National Cancer Institute (NCI) this is due to better diagnostics (1998). Brain tumors are now the number two cause of death in children followed by leukemia. Just last year seven people in Melbourne at RMIT University working in a building on the top two floors underneath a cell phone mast suddenly were diagnosed with brain tumors (Macnamara 2006). They had been working under the mast for ten years.

XXII. There has been an exponential increase in autism[29], ADHD, Chronic Fatigue Syndrome[30], and Alzheimer's[31] since 1984, the year the first commercial cell phone networks started to spread across the USA. These rates increased even further with the switchover from analog (1G) to digital (2G) in the early 90s (Marshall[32] 2001, Weatherall 2007).

XXIII. There have been numerous confirmed cases of deformities in animals (Animal Study) and plants (Kato 2004) near cell phone towers — and the worldwide disappearance of frogs (Balmori[33] 2006), birds (Mukherjee[34] 2003) and insects (most recently bees[35] — see Barrionuevo 2007) is being connected with these levels of ambient background radiation (Sandu 2007)[36]. Also, sardines (or pichard) in Australia (Gov. of Australia[37]), carp in Japan (CBS News[38] 2003), and lobster in Florida (Schneider[39] 2003) have been found to be infected with forms of the herpes virus. One study has even shown that electromagnetic fields can actually stimulate the genome of the Epstein-Barr Virus (Grimaldi et al 1997), the herpes virus responsible for *mononucleosis* in the US or aka *glandular fever* in the UK, Australia, and New

Zealand. A number of herpes-family viruses (e.g. CMV, EBV, HH6V) are usually found to infect people with CFS, autism, ADHD, and Alzheimer's.

Now, in heavily electropolluted Japan it has been reported that it is very common for women to have miscarriages in their last trimester of pregnancy. Usually, the fetus is deformed.[40] One study (Nagaishi et al 2004) has shown chromosome abnormalities in the fetuses of miscarriages in Japan and another has shown an increasing male/female ratio in fetal deaths since the 1970s (Mizuno 2000). Cell-phone use has also recently been shown to lower sperm count in men the longer they use the phone (Hope 2006).

Wireless is now a two trillion-dollar industry[41] and there are now over seven billion cell phones on the planet – more than there are people. This industry now has an unprecedented amount of money and power: the power to manipulate public opinion, influence political decisions, control the media, and manage research in order to create findings favorable to their bottom line. Unethical researchers receive mass funding from this industry and are pressured to tell you it is safe while the researchers who inform us of its true dangers have consistently been under attack and have had their funding cut.[42]

There are approximately 40,000 signatories to *The Freiburger Appeal*[43] drafted after a number of German doctors recognized a connection between many of the symptoms listed above and exposure to microwave radiation and other EMR – and after the German government had failed to act to protect its citizenry. In some countries like Israel, Ireland, and Australia there have been cases where citizens have taken their health and the law into their own hands when they realized that their governments would not protect them or their children from this danger.[44] Naturally, we all have a right not to be exposed to this radiation that is seemingly affecting our health and making our families and us sick. Unfortunately, our governments have sold out to the corporations and seemingly favor their money over our rights. Hopefully we should expect to be seeing an increasing number of lawsuits in the future with regards to second-hand RF radiation exposures.[45]

The reason the wireless industry gets its power is because consumers pay them their money – they vote with their credit cards and pocketbooks. The majority of the populace unfortunately seemingly believes that these devices are absolute necessities – that they cannot live without them. But is this obsession with these wireless devices really a true need or is it rather just a psychological addiction? And what role has the wireless media machine played in creating this imaginary need or addiction enslaving an unsuspecting public's constant attention? Would a truly conscious person want to participate in this wireless insanity? Hopefully they would realize that the health and environmental damage caused by this technology is not worth the convenience – and the distraction – that it brings to their lives.

Conscious and conscientious consumers need to become aware that they *do* have the power to affect change by making ethical purchasing choices. Unfortunately, the unconscious consumer is a large part of the problem here. A conscious consumer can decide and a conscientious consumer can make the conscientious choice to purchase or to

not purchase a product — that is — unless they are indeed unwittingly manipulated by maneuvering media forces and the social pressures of conformity to do otherwise. Unfortunately, these forces of conformity, greed, selfishness, ignorance, apathy, obedience, fear, blind skepticism, and denial are powerful forces in our societies that industries use to manipulate how a population views things and how a consumer makes choices.

Social psychologists have shown that it is much easier for human beings to harm other human beings and the environment when it is done indirectly and incrementally. Adding in the unconscious elements of conformity (everyone else is doing it so it must be OK), convenience, selfishness, greed, and denial, well you naturally have the ingredients for a disaster.

What should eventually come to light — if and when people wake up — is that the Weapons of Mass Destruction (WMD) are not in Iraq, but rather in our front pockets and our pocketbooks, and we are not only committing mass genocide with these EM WMDs but also a slow mass suicide. EMR is the drug of the 21<sup>st</sup> Century and the cell phone is the delivery device.

What can we do to protect ourselves and our families from this invisible electromagnetic plague sweeping the planet?

The first thing one should try to do is to limit one's and one's family's exposure to the electrosmog as much as possible. This can first be done by limiting (if not eliminating) as much as possible one's and one's family's use of these wireless devices. Wired phones and wired Internet should be used whenever possible and everyone should in the very least have a wired phone and wired Internet installed in their homes. Furthermore, if you have neighbors, you are also unnecessarily exposing them to the second-hand radiation emitted by your Wi-Fi and cordless phone routers — and since a growing number of people are developing a sensitivity to this energy, you may unknowingly be causing them unnecessary pain and suffering. So if you must use your wireless devices, at least turn them off when you are sleeping or not using them as they will still be giving off intermittent bursts of electromagnetic radiation when not in use.

The second thing you can do is shield — and the first place you will want to shield is your sleeping area. When you sleep well, your body is recuperating, repairing itself, and rebuilding its immune system. When you are not sleeping well, these things are not happening and you will be more prone to disease. A number of companies (e.g. [lessemf.com](http://lessemf.com), [Y-Shield.com](http://Y-Shield.com)) sell canopies made of special threading that you can place over your sleeping area and which do a pretty decent job of blocking out ambient levels of radio-frequency microwave radiation.

A third thing you can do is to ground yourself — called *Earthing*. Earthing allows your body to be grounded letting the unnatural body voltage built up from exposures to EMR to be released into the ground.

*(Note [2017]: This is now controversial due to ground currents and the fact that your body may then act as antenna for the surrounding electricity. Hence, if you are to use*

*one, it might be best to turn off the electricity first. Then, see how you feel. If you feel better using one, fine; if you feel worse, then stop using it.)*

A fourth thing you can do is move. If you live within 500 meters (1640 feet or .31 miles) of one or more cell phone towers, it would probably be in your best interest to do so. Numerous studies have shown that people will start to manifest a number of unpleasant symptoms and experience numerous adverse health effects the longer they live in the vicinity of these towers are exposed to high levels of this radiation for extended periods of time. There was in 2007 a building built in Budapest built designed to block residents' exposure to EMR (All Hungary News 2007) which is evidence that people are indeed starting to take this problem seriously.

One can either move away from the vicinity of cell towers or other places with high levels of electromagnetic pollution within their own cities or go one step further and relocate out to more rural areas where there is usually less of this electrosmog – (though finding a place completely devoid of this radiation is becoming increasingly difficult). Having said that, an increasing number of people are creating or looking into creating EMR-free or EMF-less communities, called *White Zones* (see EMF-Refugee at <http://health.groups.yahoo.com/group/emfrefugee/>), and we are already seeing the advent of digital detox retreats where people go to unwire themselves from their wireless addictions and learn to reconnect with the earth and other people.

A fifth thing people can do is to eat a radio-protective diet rich in antioxidants and amino acids and take supplements that will replenish the body's biochemicals depleted by — and/or protect the body against — the damage caused by and exposures to EMR. A growing number of studies are now showing that a number of antioxidants have an ability to protect one against the negative consequences of exposure to electromagnetic radiation. However, each antioxidant works differently in the body with some offering more protective effects to specific organs (e.g. milk thistle has been shown to offer the liver specific protection) while a number work in conjunction with each other. Therefore, it is useful to think of a “football team” analogy when taking antioxidants with each one performing a specific function while also working together as a team. The following are recommended with many already being shown in studies to offer protection against EMR: Alpha Lipoic Acid (ALA), Acetyl-L-Carnitine, Vitamin C, Vitamin A, Vitamin E, the B vitamins, Carotene, Cryptoxanthin, Lutein, Zeaxanthin, Lycopene, Flavanoids, Ginkgo Biloba, Pycnogenol, Grape Seed Extract, Quercetin, Isoflavones, Milk Thistle, Bilberries, Blueberries, Hawthorn, Glutathione (from whey powder), N-Acetyl-L-Cysteine, Super Oxide Dismutase (SOD), Selenium, Catalase, Bee Propolis and Coenzyme Q10. Many of these products can be bought at discount supplement companies like [www.iherb.com](http://www.iherb.com). Also, products like Noni Juice, Blueberries, Bee Propolis, Snake Venom, certain Chinese herbs, Inositol, Transfer Factor — plus the acupuncture point ST36 (Zusanli) — have been shown to stimulate NK cell production in the body. For people suffering from opportunistic infections, Raintree Nutrition — [www.raintreenutrition.com](http://www.raintreenutrition.com) offers a number of natural products from the Amazon, like Myco for mycoplasma infections, which either boost the immune system or are affective against a number of these opportunistic infections.

Acupuncture and Qigong are also helpful in balancing and strengthening the body's natural electromagnetic field.

Finally, people who have a large burden of heavy-metal toxicity are more likely to experience the symptoms ES more intensely than those that do not.

These are however, all short-term solutions. In the long-term, the only solution will be to drastically reduce these dangerous, unacceptable levels of ambient background electromagnetic radiation.

The only feasible alternative now to these dangerous wireless technologies is to replace them with fiber-optic wires — which was proposed by the late New Zealand biophysicist Dr. Neal Cherry and has been advocated by Dr. George Carlo. So rather than radiating the whole planet and slowly making everything sick with these high frequency microwaves, a much safer and intelligent choice would be to have fiber-optic cables installed everywhere with ubiquitous outlets in which to plug in our electronic devices, which would include our smart phones, smart pads, and computers.

One can also envision, as an intermediary step towards this, umbrella cell-phone and Wi-Fi usage areas — similar to cigarette smoking areas — having an extremely limited range, where those who would need to go and numb their brains (as it would hopefully be seen for what it is) with modulated microwave radiation, can do so without harming those around them with their second-hand electromagnetic pollution.

“One drop of rain does not think it causes the flood.”

“All that is necessary for evil to triumph is for good people to do nothing.”

*P.S. The cell phone industry has been for years buying up the patents on inventions that help protect cell phone users from the harmful radiation emitted by cell phones. Unfortunately, it is a catch-22 situation for them since if they use them, they would be hence admitting what they have been denying all along — that cell phones are actually dangerous. This would open up a whole can of worms and them to a plethora of possible lawsuits. Either way, the consumer loses.*

## Footnotes

[1] Dr. Magda Havas's ground-breaking research has found a link between EMR and diabetes — and also among other illnesses like MS: “Havas has done studies showing that not only is the problem real, but otherwise serious medical conditions can be helped by using the Graham-Stetzer filter. In a study presented at the International Scientific Conference on Childhood Leukaemia in 2004, Havas found that the filters were associated with fewer and less severe headaches, more energy, lower blood sugar levels for diabetics, and improved balance for those with multiple sclerosis. ‘I was stunned with the results we got,’ Havas said. The lower the dirty electricity in a room the lower the symptoms expressed in patients. Some of the startling results included putting

people with diabetes in a room with the filter, and blood sugar levels began to normalize instantly. The results with Multiple Sclerosis patients was even more remarkable. 'People who were in wheelchairs and using walkers, we put the filters in and we have videotapes of people who couldn't walk, walking,' Havas said. 'I actually think some percentage of the population that have MS are already responding to dirty electricity. Maybe it would work with Parkinson's, Alzheimer's, depression, asthma?' Further results of a study Havas reported to the World Health Organization on Electrical Hypersensitivity included a study of a private school in Toronto that had 50 filters installed. The study was single-blind (the teachers knew nothing about what the researchers were studying), and 50% of teachers showed some improvement in at least one of their symptoms. Other subjective results included teachers reporting that students were less disruptive in the classroom. Could dirty power be causing or exacerbating the rise in ADD/ADHD in kids? No one really knows because no one is studying the issue" (Henderson, 2006).

[2] An increasing number of people are developing electrosensitivity every day and yet many people who are electrosensitive may not be aware of their own electrosensitivity. People who are extremely electrosensitive will even feel ill when in a room with people who have their cell phones on standby mode and also when they are in the vicinity of cell phone towers. Dr. Gro Harlem Brundtland — a medical doctor, former Director-General of the WHO, and former prime minister of Norway — is probably the most famous modern-day person to become electrosensitive and was seemingly able to detect it when someone would enter her office at the WHO carrying a cell phone.

[3] "Contrary to the viewpoints of mainstream medical authorities, Figure 1 shows that the group of electrosensitive people around the world, including Sweden, is not just a small fraction that deviates from the rest of the healthy population. Instead, it points at the possibility that electrosensitivity will be more widespread in the near future. The extrapolated trend indicates that 50% of the population can be expected to become electrosensitive by the year 2017." (Hallberg & Oberfeld, 2006)

[4] Dr. Carlo, also a lawyer, is the director of the Washington-based non-profit *Safe Wireless Initiative* <http://www.safewireless.org/> and has been fighting the cell-phone industry ever since he went public against their wishes regarding the dangers of cell phones and was hence relieved of his position heading the 28-million-dollar research program for the wireless industry.

[5] Navarro, Segura, Portelés & Gomez Perretta, 2003; Santini, R., Santini, P., Le Ruz, Danze, & Seigne, 2003; Bortkiewicz, Zmyslony, Szyjkowska, & Gadzicka, 2004; Eger, Hagen, Lucas, Vogel & Voit, 2004; Wolf & Wolf, 2004; Oberfeld, Schimke, & Bernatzky, 2005; Gadzicka, Bortkiewicz, Zmyslony, Szymczak, & Szyjkowska, 2006; Hutter, Moshammer, Wallner, & Kundi, 2006; Abdel-Rassoul et al., 2007; Thomas et al., 2008; Augner, Florian, Pauser, Oberfeld & Hacker, 2009; Li, Liu, Chang, Chou & Ko, 2012; Gómez-Perretta, Navarro, Segura, & Portolés, 2013; Shahbazi-Gahrouei, Karbalae, Moradi, & Baradaran-Ghahfarokhi, 2013.

[6] “Both anecdotal reports and some epidemiology studies have found headaches, skin rashes, sleep disturbances, depression, decreased libido, increased rates of suicide, concentration problems, dizziness, memory changes, increased risk of cancer, tremors, and other neurophysiological effects in populations near base stations.” (Levitt & Lai, 2010)

[7] Nicola Tesla may have very well been one of the first recorded extreme cases of the increased sensitivity most likely caused by overexposure to electromagnetic radiation: “To doctors he appeared at death’s door. The strange manifestations he exhibited attracted the attention of a renowned physician, who declared that medical science could do nothing to aid him. One of the symptoms of the illness was an acute sensitivity of all the sense organs. His senses had always been extremely keen, but this sensitivity was now so tremendously exaggerated that the effects were a form of torture. The ticking of a watch three rooms away sounded like the beat of hammers on an anvil. The vibration of ordinary city traffic, when transmitted through a chair or bench, pounded through his body. It was necessary to place the legs of his bed on rubber pads to eliminate the vibrations. Ordinary speech sounded like thunderous pandemonium. The slightest touch had the mental effect of a tremendous blow. A beam of sunlight shining on him produced the effect of an internal explosion. In the dark he could sense an object at a distance of a dozen feet by a peculiar creepy sensation in his forehead. His whole body was constantly wracked by twitches and tremors. His pulse, he said, would vary from a few feeble throbs per minute to more than a hundred and fifty. Throughout this mysterious illness he was fighting with a powerful desire to recover his normal condition.” (O’Neil, 2006) <http://www.lifeenergysolutions.com/blog/electro-sensitivity-tesla/>

[8] “Human populations are increasingly exposed to microwave/radiofrequency (RF) emissions from wireless communication technology, including mobile phones and their base stations. By searching PubMed, we identified a total of 10 epidemiological studies that assessed for putative health effects of mobile phone base stations. Seven of these studies explored the association between base station proximity and neurobehavioral effects and three investigated cancer. We found that eight of the 10 studies reported increased prevalence of adverse neurobehavioral symptoms or cancer in populations living at distances < 500 meters from base stations. None of the studies reported exposure above accepted international guidelines, suggesting that current guidelines may be inadequate in protecting the health of human populations. We believe that comprehensive epidemiological studies of long-term mobile phone base station exposure are urgently required to more definitively understand its health impact.” (Khurana et al, 2010)

[9] “In 1971, Zinaida V. Gordan and Maria N. Sadchikova of the USSR Institute of Labor Hygiene and Occupational Diseases described a comprehensive succession of symptoms, which they identified as *Microwave Sickness*. The initial symptoms are low blood pressure and slow pulse. The second stage includes headaches, dizziness, eye pain, sleeplessness, irritability, anxiety, stomach pain, nervous tension, inability to concentrate, hair loss, which are eventually followed by adrenal exhaustion and ischemic heart disease” (Becker, 1985, pp. 314-315).

[10] Actually, it was shown by a Dr. Dewhem Harmam in 1954 — hired by the US Government during the cold war to come up with a cure for radiation poisoning — that exposure to radiation would cause a deluge of lethal hydroxyl radicals due to its ionizing effect on the H<sub>2</sub>O in the body (McLeod and White 2002). Gugkova, et al (2005) have shown that the reactive oxygen species hydrogen peroxide forms in aqueous solutions when exposed to “high peak-power pulsed electromagnetic radiation of extremely high frequencies.” Alam & Ohgaki (2002) have further shown that ferrous iron can bind with hydrogen peroxide to produce the hydroxyl free radical under exposure to ultraviolet radiation. We can only speculate that the same might happen with other forms of radiation exposures combined with the electromagnetic damage to erythrocytes with the release of unsequestered iron into extracellular blood (Savopol et al, 1995) which is also known to cause hemochromatosis and an increase in free radical damage.

[11] In studies conducted by Cremer-Bartel (1983) [cited in Levitt] weak ELF fields were shown to alter a particular enzyme necessary for the synthesis of melatonin. Interestingly, a number of researchers (Ishikawa et al. 1982, Ikarashi et al 1984, 1985), for research purposes, have applied microwave radiation in order to inactivate brain enzymes to prevent postmortem changes — and which also result in changes in neurotransmitter levels. For example, it was shown by Ikarashi et al., (1985) that “microwave irradiation at 10 kW rapidly inactivated brain enzymes” while exposure of a .5 second 5 kW burst of microwave radiation on rat brains (Ishikawa, et al., 1982) reduced noradrenaline, dopamine, and 5-hydroxytryptamine. (On the other hand, a 1.5 second exposure increased the monoamine levels and was recommended for complete enzyme deactivation before brain dissection.) Moreover, it has been shown that exposure to microwave radiation can cause a diffusion of dopamine from some high-level dopamine areas of the brain to other areas which usually contain low levels (Kant et al 1979). In short what we are seeing here is an imbalance of dopamine in the brain induced by microwave radiation — and one can only speculate as to what the consequences (e.g. psychological problems on a mass scale, etc.) will be of incessant exposure to microwave radiation due to the brain hormone imbalances it is producing in the general population. Moreover, since brain enzymes act as catalysts in promoting biochemical reactions, which include the production or metabolism of neurotransmitters — which affect behavior — we can only speculate what long-term consequences (e.g. increases in psychological illness, criminal behavior, etc.) the current — and unceasing — modern-day exposure to ambient microwave radiation is producing in the general population — especially on those who unwittingly use cell phones on a regular basis.

[12] “We understand that these information-carrying radio waves trigger protein membrane responses at the cell membrane level leading to disruption of intercellular communication and build up of free radicals inside the cell. Understanding of this mechanism is very important because it now explains the wide diversity of symptoms that we are seeing in patients who are reporting electrohypersensitivity and also other conditions such as headaches and unexplained anxiety that henceforth from this point forward now we’ll know will be associated with these information-carrying radio waves” (Carlo, 2007).

“Dr. Carlo explained in detail his theory of how cell phones cause brain damage. It begins with the wave. The signals use carrier waves of around 1,900 megahertz (MHz), which are so high in frequency that they pass right through us, and our houses, unnoticed. But harmful information-carrying waves are packed into the carrier waves. These information waves, which carry signals that can be decoded by our computers and mobile phones, are low-frequency waves in the range of one hertz (Hz). That’s slow. So slow that our cells can feel them as an aggravating, physical jolt at their surfaces. Within 30 seconds or so of bombardment, our cells temporarily shut down their surface transport and intercellular communication functions, to resist further damage from threatening invaders. Normally, small threats to cells cause them to send out chemical signals to neighbouring cells that tell them to protect themselves from invaders, and they signal for help from our immune system’s T-cells. But bombardment from mobile phone waves causes whole areas of cells and tissues to shut down their surfaces, stopping the active transport of good and bad stuff in and out of the cell, without time to signal a warning to other cells. Further, the shut down of gap junction communication pathways compromises tissue and organ functions, including the immune system.

Free radicals build up inside the cells so they eventually die and spill toxins and fragmented DNA into the space between cells. There, micronuclei form as a result of membranes becoming organized around broken bits of DNA. These micronuclei wreak havoc, disrupting cell function and allowing cancers to form. That is how, as Dr. Carlo explains, both benign and malignant tumours are caused by wireless signals. He suggests a similar process occurs at the blood-brain barrier that protects our delicate neurons and their tiny sophisticated chemical signals from contaminants in our blood. Once cells in the barrier are shut down by mobile phone waves, all kinds of big, toxic molecules enter our neural spaces where they can cause many problems, among them “autism spectrum disorders,” which include some types of anxiety attacks, hyperactivity, ADD, problems with focusing, mild and severe autism, hyper-irritability and others” (Brown, 2006).

**[13]** Low density lipoproteins (LDL) are responsible for carrying cholesterol from the liver to the body’s cells where they are used in the construction of the cellular walls. High density lipoproteins (HDL) are responsible for carrying cholesterol away from the body’s organs and to the liver where it is processed and excreted as bile. Low density lipoproteins have been dubbed the bad cholesterol because they are more easily oxidized than the HDLs. When a LDL is oxidized it will be engulfed by macrophages, which in turn becomes what are called foam cells. Foam cells have a penchant for sticking to arterial walls and for causing arteriosclerosis.

**[14]** “Atherosclerosis is a multifactorial disease, where more than one mechanism, along more than one step, contributes to macrophage cholesterol accumulation and foam cell formation, the hallmark of early atherogenesis. Arterial macrophages take up oxidized low-density lipoproteins (Ox-LDL), leading to cellular accumulation of cholesterol and oxysterols. Atherogenic modifications of LDL include, in addition to oxidation, retention and aggregation. Intervention to inhibit LDL oxidation can affect the above additional LDL modifications. Indeed, we have demonstrated in the atherosclerotic apolipoprotein E-deficient mice that consumption of vitamin E or of flavonoids from red wine or licorice

decreased LDL oxidation, LDL retention, and LDL aggregation and attenuated macrophage foam cell formation and atherosclerosis. The balance between pro-oxidants and anti-oxidants in the LDL particle (such as cholesteryl ester vs. vitamin E), as well as in arterial wall macrophages (such as NADPH oxidase vs. glutathione), determines the extent of LDL oxidation. Antioxidants can protect LDL from oxidation not only by their binding to the lipoprotein, but also following their accumulation in cells of the arterial wall. Whereas antioxidants can prevent the formation of Ox-LDL, human serum paraoxonase (PON 1), an HDL-associated esterase that hydrolyzes organophosphates, can eliminate oxidized LDL (by hydrolysis of its lipid peroxides), which is formed when antioxidant protection is not sufficient. Ox-LDL, in turn, can inactivate paraoxonase activity. Thus, the combination of antioxidants together with active paraoxonase decreases the formation of Ox-LDL and preserves PON1's ability to hydrolyze this atherogenic lipoprotein and hence, to attenuate atherosclerosis." (Aviram, M., 1999).

[15] "Moreover, Nair and Cleary have reported, that the flux of positively charged sodium, calcium and potassium ions across cell membrane can also be affected by radio-frequency exposure, over a wide range of frequencies (27 MHz to 10 GHz)" (Amara, et al, 2004)

[16] "Dr. Blackman has conducted far more experiments in his laboratory on this influx/efflux than anyone else. They have shown that calcium ion alteration occurs at particular carrier frequencies, particular signal strengths, particular modulation frequencies and in particular temperature ranges, but not in others which lie between them. After summarising these hundreds of experiments Carl Blackman stated that EMR must be treated as chemicals (plural) because we have made the mistake of treating it as a single chemical looking for single effects across the whole spectrum, when it is clear that the effects are very significant and occur at particular combinations of variables, but do not occur at a nearby different combination" (Dorothy 1999).

[17] "Attempting to explain a 25% increase in asthma and a 5% increase in asthma-related death rates throughout rapidly mobilizing metropolitan Sydney, Franch found that the production of histamine, which triggers bronchial spasms, is nearly doubled after exposure to mobile phone transmissions. Cell phones also reduce the effectiveness of anti-asthmatic drugs, and retard recovery from illness" (Thomas 2005).

[18] Researchers (Takahashi, et al 1994) in Japan have been able to induce obesity in rats by producing microwave-induced lesions to an area of hypothalamus (called the ventromedial hypothalamic nucleus or VMH). They noted a drop in the hypothalamic contents of norepinephrine and dopamine and a decrease in adrenal epinephrine concluding that a drop in these hormones may be related to the VHM-induced obesity.

[19] "[Dr. Coghill's] latest research suggests the microwaves generated by mobile phones may damage the ability of white blood cells to act as the 'policemen' of the body, fighting off infection and disease. Mr. Coghill took white blood cells, known as lymphocytes, from a donor, keeping them alive with nutrients and exposed them to different electric fields. He found that after seven-and-a-half hours, just 13% of the cells exposed to mobile phone radiation remained intact and able to function, compared with

70% of cells exposed only to the natural electromagnetic field produced by the human body” (BBC News Online Network). <http://news.bbc.co.uk/1/hi/health/194065.stm>

[20] Dr. Robert Young states in an interview on a British news program that “when we are exposed to lower frequencies ranging between 10 hertz and 100 hertz, those particular frequencies have a tendency to disturb cells significantly that they start disorganizing, breaking apart, and giving birth to perceived viruses, bacteria, yeasts, and molds” (Qlink World).

[21] “Initially, the stress activates the hormonal and/or immune systems to a higher than normal level, enabling the animal to escape danger and combat disease. If the stress continues, hormone levels and immune reactivity gradually decline to normal. If you stop your experiment at this point, you’re apparently justified in saying, ‘The animal has adapted; the stress is doing no harm.’ Nevertheless, if the stressful conditions persist, hormone and immune levels decline further, well below normal. In medical terms, stress decompensation has set in, and now the animal is now more susceptible to other stressors, including malignant growth and infectious diseases. In the mid-70s, two Russian groups found stress hormones released in rats exposed to microwaves, even if they were irradiated only briefly by minute amounts of energy. Other Eastern European work found the same reaction to 50-hertz electric fields. Several Russian and Polish groups have since established that after prolonged exposure the activation of the stress system changes to a depression of it in the familiar pattern, indicating exhaustion of the adrenal cortex...Soviet biophysicist N. A. Udintsev has systematically studied the effects of one ELF magnetic field (200 Gauss at 50 hertz) on the endocrine system. In addition to the slow stress response we’ve been discussing, he found activation of the ‘fast’ fight-or-flight hormones centering on adrenaline from the adrenal medulla. This response was triggered in rats by just one day in Udintsev’s field, and hormone levels didn’t return to normal for one or two weeks. Udintsev also documented an insulin insufficiency and rise in blood sugar from the same field. One aspect of the syndrome was very puzzling. When undergoing these hormonal changes, an animal would normally be aware that its body was under attack, yet, as far as we could tell, the rabbits were not. They showed no outward signs of fear, agitation, or illness. Most humans certainly wouldn’t be able to detect a 100-gauss magnetic field, at least not consciously. Only several years after Friedman’s work did anyone find out how this is happening. In 1976 a group under J. J. Noval at the Naval Aerospace Medical Research Laboratory at Pensacola, Florida, found the slow response in rats from very weak electric fields, as low as five thousandths of a volt per centimeter. They discovered that when such fields vibrated in the ELF range, they increased levels of the neurotransmitter acetylcholine in the brainstem, apparently in a way that activated a distress signal subliminally, without the animal’s becoming aware of it. The scariest part was that the fields Noval used were well within the background levels of a typical office, with its overhead lighting, typewriters, computers, and other equipment. Workers in such an environment are exposed to electric fields between a hundredth and a tenth of a volt per centimeter and magnetic fields between a hundredth and a tenth of a gauss” (Becker, pp. 277-278, 1985).

[22] “...Test animals appear not to know they are stressed, yet blood tests show high levels of cortisone, a substance released in the body under conditions of long-term

disease, as opposed to adrenaline, which is released in a fight-or-flight response. Monkeys exposed to a 200 gauss magnetic field for four hours a day showed a generalized stress response for six days which then declined, suggesting that animals had adapted to the exposure. Researchers who stop the experiment at that point can reasonably conclude that there has been no long-term damage. However, in subsequent experiments, it has been found that when the exposure continues, hormone and immune levels will fall far below normal and remain there. The immune system becomes exhausted and unable to rebound, opening the body to infectious diseases and an inability to fight malignancies” (Levitt, 1995, pp. 128-129).

[23] “These reports show that the people for years have been ill due to pulsed high frequency electromagnetic fields, without the treating doctors recognising the cause. For that reason, people who are receiving the high frequency at home or at work have suffered and are suffering and they receive no therapy. The deciding [effective] therapy is to end the exposure. The continually repeated assertion in the media by the Radiological Protection Commission (Strahlenschutzkommission), that there is no proof for health risks under the present valid limits, has had the consequence that most doctors, (including myself until a year ago) have not drawn a relationship between the many unexplained illness patterns and high frequency radiation. The doctors do not know that at not one single mobile phone base station have investigations into the health-state of the people been carried out. Thus, the evaluation of the Strahlenschutzkommission in 2001 has no scientific basis” (Selsam 2005).

[24] Dr. Michael Goldberg was able to find commonalities in the blood work – and the blood flow in the brain (via SPECT) – of people with CFS, autism, and ADHD. He states, “While there is ongoing controversy regarding past brain biopsy findings and their implications, if any, to this generation of children, we do have NeuroSPECT Scans, which show reproducible, quantifiable blood flow in the brain. Blood flow corresponds directly to function. When NeuroSPECT Scans of children diagnosed as autistic/PDD have been correlated with MRI’s and CAT Scans, the combination consistently shows no pre-existing damage to the brain, but rather points toward an immune shutdown consistent with that found in adults with Chronic Fatigue Syndromes and other adult dementias and with children diagnosed as quiet ADD and mixed ADD” (Goldberg MJ 2000).

[25] Dr. Miike and his colleagues determined that the phenomena of school phobia in Japan had actually physiological causes and is actually what they term Childhood Chronic Fatigue Syndrome (CCFS). There were approximately 10,000 school phobia cases in Japan in 1990. This number increased to approximately 140,000 in 2004 – an increase of 1400 percent in just fourteen years.

[26] “A doctor, John Holt, in Australia has written to us saying that when working with microwaves (to irradiate cancer cells) he has observed that the microwaves from cell phones cause a doubling of histamine (which are released from mast cells) and that such electrosmog from mobile phones could be the cause of the ever-increasing asthma and other allergies” (FEB 2001).

[27] “Professor Johansson: ‘We are right now in the process of examining a larger number of facial skin samples, and from them the most common finding is a profound increase of mast cells.... Furthermore, increases of similar nature have now been demonstrated in an experimental situation employing normal healthy volunteers in front of visual display units, including ordinary house-hold television sets’ ” (FEB 2001).

[28] <<http://www.youtube.com/watch?v=PVhggYXD5co&mode=related&search> =>

[29] Though often only attributed to mercury in vaccines, “In the 1990s, reported autism cases among American children began spiking, from about 1 in 10,000 in 1987 to a shocking 1 in 166 today” (Studies in the News 2006).

[30] “I stumbled into the field of autism somewhat by accident. My wife had had Chronic Fatigue Syndrome for over ten years. Jokingly, my son asked me “Why are you sending Mom all over the country to doctors? Why don’t you just fix her? That began my journey into clinical research. It rapidly became apparent we were dealing with some component of the immune system, an autoimmune like reaction. During that time, as I was investigating all options for my wife, a few Autistic children were referred to my practice. Much to my surprise, these children had blood work comparable to that of my wife and other adults with this undiagnosed disorder, and to that of children I had been seeing diagnosed with quiet ADD and mixed ADHD I remember thinking then, ‘What could the immune system have to do with autism?’ Paralleling this, beginning in the 1980’s was the initially slow, now epidemic incidence of disorders in children labeled as Autism/PDD and the increase of reports of autoimmune diseases in the animal literature, of altered ecological balance, immune system abnormalities in various species. We either have to assume that this increase of disorders in the human population is mass-hysteria, mass-psychosis, schizophrenia, and/or behavioral developmental disorders in children or we must step back and realize that maybe we have a large number of adults and children suffering from a disease process that is affecting how their brain and nervous system functions, in ways that physicians had never understood (or had the technology to understand). I have family after family within my new practice in which there is a mother or father with Chronic Fatigue Syndrome, an older child with ADD/ADHD, and a younger child or two with Autism/PDD. As noted, unless we assume this is all random, there is unfortunately a logical connection between the above disorders and their rapid emergence as a crisis” (Goldberg MJ 2000).

“By 1986, she was seeing more than 300 patients with the now-familiar symptoms, and cluster outbreaks had been reported in cities and towns across the country, including a well-publicized one at Lake Tahoe. She consulted with UCSF virologist Jay Levy, who was then working to discover the HIV virus. She and Levy wondered whether they were seeing a new virus or something related to AIDS in a milder form. Somehow, they felt, the immune system in these patients had been disrupted. When we get sick with a flu, the fever, achiness and fatigue are not caused by the virus itself but by the immune response, the chemicals released to fight infection. Perhaps Jessop’s patients had an immune system stuck in the “on” position, creating persistent flu-like symptoms. But what virus was causing the disruption? After investigating a number of potential culprits – human herpesvirus 6 (HHV-6) and Epstein-Barr virus (EBV), among others – Jessop

and Levy, like other investigators, came up empty. In 1988, the Centers for Disease Control and Prevention (CDC) named the puzzling illness chronic fatigue syndrome (CFS), as if this illness were about nothing more than being a little extra tired. The moment the name was set in print, patients lambasted it for trivializing a devastating illness and inviting psychiatric stigma. By 1991, Jessop was seeing 1,500 patients with CFS, marking the Bay Area as one of the largest clusters of the nationwide epidemic” (Wall 2005).

[31] “Just ten years ago, Alzheimer’s was considered an obscure and rare condition, but today it is the nation’s fourth leading cause of death. What happened?” (Levitt, 1995, p. 200).

[32] “The incidence of ME/ICD-CFS is known to be rising: in April 1994, the insurance company UNUM (one of the largest disability insurers) reported that in the five years from 1989-1993, men’s’ disability claims for CFS increased 360%, whilst women’s’ claims for CFS increased 557%. No other disease category surpassed these rates of increase. In order of insurance costs, ME/ICD-CFS came second in the list of the five most expensive chronic conditions, being three places above AIDS. At the Fifth American Association of Chronic Fatigue Syndrome International Research and Clinical Conference held in January 2001 in Seattle, the Associate Director of the University of Washington’s CFS Research Centre (Dr N Afari) confirmed that the incidence is indeed rising” (Marshall et al 2001).

[33] “A bibliographical review on the possible effects of radiofrequency radiation (RFR) from wireless telecommunications on living organisms and its impact on amphibians is presented. The technical characteristics of this new technology and the scientific discoveries that are of interest in the study of their effects on wild fauna and amphibians are described. Electromagnetic pollution (in the microwave and in the radiofrequency range) is a possible cause for deformations and decline of some amphibian populations. Keeping in mind that amphibians are reliable bio-indicators, it is of great importance to carry out studies on the effects of this new type of contamination. Finally, some methodologies that could be useful to determine the adverse health effects are proposed” (Balmori 2006).

[34] “THE wireless telecom revolution is catching on at the expense of a tiny winged creature – the house sparrow. The tiny birds are fast disappearing from cities ‘contaminated’ with electromagnetic waves arising out of increased number of mobile handsets. According to Dr S. Vijayan, Director of the Salim Ali Centre for Ornithology and Natural History (SACON), ‘A number of studies has been conducted to find out the relationship between the increase in electromagnetic waves and the decrease in the number of sparrows. A positive correlation has been found between them.’ ‘There have been studies in Spain which showed that sparrows disappear from cities where electromagnetic contamination is very heavy,’ Dr Vijayan added” (Mukerjee 2003).

## References

Aalto, S., Haarala, C., Bruck, A., Sipila, H., Hamalainen, H. & Rinne, J.O. (2006). “Mobile phone affects cerebral blood flow in humans.” *Journal of*

*Cerebral Blood Flow Metabolism*, Jul; 26(7): 885-90. E.pub. Feb. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=16495939](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=16495939)

**Abdel-Rassoul, G., El-Fateh, O.A., Salem, M.A., Michael A, Farahat, F. & El-Batanouny, M. & Salem, E. (2007).** “**Neurobehavioral effects among inhabitants around mobile phone base stations.**” *Neurotoxicity*, Mar: 28(2): 434-40. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/16962663>

**Alam, M.Z. & Ohgaki, S. (2002).** “**Role of hydrogen peroxide and hydroxyl radical in producing the residual effect of ultraviolet radiation.**” *Water Environmental Research*, May-Jun: 74(3): 248-55. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=12150247&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=12150247&dopt=Abstract)

**Albert, E.N. & Kerns, J.M. (1981).** “**Reversible microwave effects on the blood-brain barrier.**” *Brain Research*, Dec 28; 230(1-2): 153-64. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=7317776&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7317776&query_hl=28&itool=pubmed_docsum)

**Al-Khlaiwi, T, Meo, S.A. (2004).** “**Association of mobile phone radiation with fatigue, headache, dizziness, tension and sleep disturbance in Saudi population.**” *Saudi Medical Journal*. Jun; 25(6):732-6. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=15195201](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=15195201)

**Allen, R. (2004).** “**Dopamine and iron in the pathophysiology of restless legs syndrome (RLS).**” *Sleep Medicine*, Jul: 5(4): 385-91. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=15222997&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=15222997&dopt=Abstract)

**All Hungary News. (2007).** “**New Budapest building shields residents from electrosmog.**” *Caboole.hu: The Hungarian Portal*. Retrieved from <http://emfrefugee.blogspot.com/2007/03/new-budapest-building-shields-residents.html>

**Altpeter, E.S., Roosli, M., Battaglia, M., Pfluger, D., Minder, C.E. & Abelin, T. (2006).** “**Effect of short-wave (6-22 MHz) magnetic fields on sleep quality and melatonin cycle in humans: the Schwarzenburg shut-down study.**” *Bioelectromagnetics*. Feb: 27(2): 142-50. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16342198&query\\_hl=59&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16342198&query_hl=59&itool=pubmed_docsum)

**Amara S, Abdelmelek H & Sakly M. (2004).** “**Effects of acute exposure to magnetic field ionic composition of frog sciatic nerve.**” *Pakistani Journal of Medical Science*. 20(2) 91-96. Retrieved from <http://www.pjms.com.pk/issues/aprjun04/article/article1.html>

**Animal Study: EMF Radiation.** “Found deformed from EMF Exposure.” <http://members.aol.com/gotemf/emf/animals.htm#deformed>

**Aramideh M, de Weerd AW.** (2006). “The restless legs syndrome can be treated with dopamine agonists.” *Ned Tijdschr Geneeskd.* Oct 7;150(40):2173-7. [Article in Dutch] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list\\_uids=17061425](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&dopt=Abstract&list_uids=17061425)

**Arnsten, A.F. & Li, B.M.** (2005). “**Neurobiology of executive functions: catecholamine influences on prefrontal cortical functions.**” *Biological Psychiatry.* Jun 1;57(11):1377-84. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15950011&query\\_hl=5&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15950011&query_hl=5&itool=pubmed_docsum)

**Augner, C., Florian, M., Pauser, G., Oberfeld, G. & Hacker G.W.** (2009). “**GSM base stations: short-term effects on well-being.**” *Bioelectromagnetics.* Jan; 30(1): 73-80. doi: 10.1002/bem.20447. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/18803247>

**Aviram, M.** (1999). “**Macrophage foam cell formation during early atherogenesis is determined by the balance between pro-oxidants and anti-oxidants in arterial cells and blood lipoproteins.**” *Antioxidants and Redox Signaling,* Winter: 1(4): 585-94. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/11233155>

**Balmori, A.** (2006). “The incidence of electromagnetic pollution on the amphibian decline: Is this an important piece of the puzzle?” *Toxicological and Environmental Chemistry.* April–June: 88(2). Retrieved from <http://taylorandfrancis.metapress.com/content/v53686w44787310r/>

**Barrionuevo, A.** (2007). “Honeybees Vanish, Leaving Keepers in Peril.” *New York Times.* Feb. 27<sup>th</sup>. Retrieved from [http://www.nytimes.com/2007/02/27/business/27bees.html?\\_r=3&oref=slogin&ref=business&pagewanted=all](http://www.nytimes.com/2007/02/27/business/27bees.html?_r=3&oref=slogin&ref=business&pagewanted=all)

**BBC Online Network.** (1998). “**Health: Immune system ‘attacked by mobile phones’.**” Thursday, October 15, 1998 Published at 16:50 GMT 17:50 UK. <http://news.bbc.co.uk/1/hi/health/194065.stm>

**Becker, R.O.** (1985). *The Body Electric.* New York: Quill.

**Bergier, L., Lisiewicz, J., Moszczynski, P., Rucinska, M. & Sasiadek, U.** (1990). “[**Effect of electromagnetic radiation on T-lymphocyte subpopulations and immunoglobulin level in human blood serum after occupational exposure.**]” *Med Pr.*;41(4):211-5. [Article in Polish] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=2131394](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=2131394)

**Blask DE, Brainard GC, Dauchy RT, Hanifin JP, Davidson LK, Krause JA, Sauer LA, Rivera-Bermudez MA, Dubocovich ML, Jasser SA, Lynch DT, Rollag MD,**

**Zalatan F.** (2005). "Melatonin-depleted blood from premenopausal women exposed to light at night stimulates growth of human breast cancer xenografts in nude rats." *Cancer Research*. Dec 1; 65(23): 11174-84. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=16443327](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=16443327)

**Blettner, M., Schlehofer, B, Breckenkamp, J., Kowall, B., Schmiedel, S. Reis, U., Potthoff, P., Schüz, J. & Berg-Beckhoff, G.** (2009). "Mobile phone base stations and adverse health effects: phase 1 of a population-based, cross-sectional study in Germany." *Occup Environ Med* 66:118-123. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/19017702>

**Bleyer, W.A.** (1999). "Epidemiologic impact of children with brain tumors." *Childs Nervous System*. Nov: 15(11-12): 758-63. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10603019&query\\_hl=41&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10603019&query_hl=41&itool=pubmed_docsum)

**Bortkiewicz, A., Zmyslony, M., Szykowska, A., Gadzicka, E.** (2004). "[Subjective symptoms reported by people living in the vicinity of cellular phone base stations: review]." *Medycyna pracy*, 55(4): 345-51. [Article in Polish]. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=15620045](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=15620045)

**Bortkiewicz A, Gadzicka E, Szykowska A, Politański P, Mamrot P, Szymczak W, Zmyslony M.** (2012). Subjective complaints of people living near mobile phone base stations in Poland. *Int J Occup Med Environ Health*. Mar;25(1):31-40. doi: 10.2478/s13382-012-0007-9. Epub 2012 Jan 5. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22219055>

**Braverman, E.** (200-). "T-Cell Ratios Modulation by Nutrition: Case Report." *Pathmedical Newsletter*. <http://www.pathmed.com/p/119,320.html>

**Brendel H, Niehaus M, Lerchl A.** (2000). "Direct suppressive effects of weak magnetic fields (50 Hz and 16 2/3 Hz) on melatonin synthesis in the pineal gland of Djungarian hamsters (*Phodopus sungorus*)." *Journal of Pineal Research*. Nov: 29(4): 228-33. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=11068945&query\\_hl=6&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=11068945&query_hl=6&itool=pubmed_docsum)

**Brown A.** (2006). "Cell phones: Invisible hazards of the wireless age." *Common Ground* . [http://commonground.ca/iss/0612185/cg185\\_cellphone.shtml](http://commonground.ca/iss/0612185/cg185_cellphone.shtml)

**Brown AS, Gershon S.** (1993). "Dopamine and depression." *J Neural Transm Gen* . Sect. 91(2-3): 75-109. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=8099801](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=8099801)

**Buchachenko AL , Kuznetsov DA, Berdinskii VL.** (2006). “[New mechanisms of biological effects of electromagnetic fields.]” *Biofizika* . May-Jun;51(3):545-52.

[Article in

Russian]. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16808357&query\\_hl=8&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16808357&query_hl=8&itool=pubmed_docsum)

**Campanella L, Cusano M, Dragone R, Sammartino MP, Visco G.** (2003). “Evaluation of the inhibiting effects from exposure to microwaves on the respiratory activity of yeast cells or on enzyme activity.” *Current Medical Chemistry*. Apr; 10(8): 663-9. Retrieved

from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=12678785&query\\_hl=12&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=12678785&query_hl=12&itool=pubmed_DocSum)

**CBS News.** (2003). “Japanese Fish Farms Battle Herpes.” *CBS News*. TOKYO, Nov. 6

<http://www.cbsnews.com/stories/2003/11/06/tech/main582273.shtml>

**Chakravarty N.** (1986). “Histamine secretion from permeabilized mast cells by calcium.” *Life Science*. Oct 27;39(17):1549-

54. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=2429133&query\\_hl=14&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=2429133&query_hl=14&itool=pubmed_docsum)

**Chakravarty N.** (1987). “Calcium uptake in mast cells, energy metabolism and histamine secretion.” *Agents Actions*. Apr;20(3-4):153-6.

**Chance WT, Grossman CJ, Newrock R, Bovin G, Yerian S, Schmitt G, Mendenhall C.** (1995). “Effects of electromagnetic fields and gender on neurotransmitters and amino acids in rats.” *Physiological Behavior*. Oct;58(4):743-

8. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=8559785&query\\_hl=17&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=8559785&query_hl=17&itool=pubmed_DocSum)

**Charney DS.** (1998). “Monoamine dysfunction and the pathophysiology and treatment of depression.” *Journal of Clinical Psychiatry*. 59 Suppl 14:11-

4. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=9818625](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=9818625)

**Cherry N.** (1996). “Swiss shortwave transmitter study sounds warning.” *Electromagnetics Forum* , Volume1, No.2 Article 10. *Microwave News*. Sept/Oct. page 14. [http://www.emfacts.com/forum/issue2/mag\\_9.html](http://www.emfacts.com/forum/issue2/mag_9.html)

**Clinton SM, Sucharski IL, Finlay JM.** (2006). “Desipramine attenuates working memory impairments induced by partial loss of catecholamines in the rat medial prefrontal cortex.” *Psychopharmacology (Berl)*. Jan;183(4):404-12. Epub 2005

Nov. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16307295&query\\_hl=5&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16307295&query_hl=5&itool=pubmed_docsum)

**de Seze R, Ayoub J, Peray P, Miro L, Touitou Y.** (1999). “Evaluation in humans of the effects of radiocellular telephones on the circadian patterns of melatonin

**secretion, a chronobiological rhythm marker.”** *J Pineal Res.* Nov: 27(4):237-42. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10551772&query\\_hl=20&itool=pubmed\\_docsu](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10551772&query_hl=20&itool=pubmed_docsu)

**Dmoch A., Moszczynski P.** (1998). “[Levels of immunoglobulin and subpopulations of T lymphocytes and NK cells in men occupationally exposed to microwave radiation in frequencies of 6-12 GHz.]” [Article in Polish] *Med Pr.* 49(1):45-9. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=9587910&query\\_hl=32&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=9587910&query_hl=32&itool=pubmed_docsum)

**Dode, A., Leao, M., Tejo, F., Gomes, A., Dode, D., Dode, M., Moreira, C., Condessa, V., Albinatti, C. & Caiaffa, W.** (2011). “Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil.” *Sci Total Environ.* Sep 1;409(19): 3649-65. doi: 10.1016/j.scitotenv.2011.05.051. Epub 2011 Jul 13. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/21741680>

**Dorothy.** (1999). “Cellphones – A Boon To Modern Society or a Threat To Human Health? – Part 2.” *NZine.* Retrieved from <http://www.nzine.co.nz/features/cellphones2.html>

**Dutta SK, Das K, Ghosh B, Blackman CF.** (1992). “Dose dependence of acetylcholinesterase activity in neuroblastoma cells exposed to modulated radio-frequency electromagnetic radiation.” *Bioelectromagnetics.* 13(4):317-22. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=1510740&query\\_hl=2&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=1510740&query_hl=2&itool=pubmed_DocSum)

**Dutton MS, Galvin MJ, McRee DI.** (1984). “In vitro effects of microwave radiation on rat liver mitochondria.” *Bioelectromagnetics.* 5(1):39-45. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=6143563&query\\_hl=3&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=6143563&query_hl=3&itool=pubmed_DocSum)

**Eger, H., Hagen, K., Lucas, B. Vogel, P. & Voit, H.** (2004). “The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer.” *Umwelt Medizin Gesellschaft*, 17(4): 326-32. Retrieved from [http://www.umg-verlag.de/umwelt-medizin-gesellschaft/404\\_ege.html](http://www.umg-verlag.de/umwelt-medizin-gesellschaft/404_ege.html) and [http://www.hese-project.org/de/emf/Studien/StudienDiskussion/NailaStudie/20050226\\_naila-studie.pdf](http://www.hese-project.org/de/emf/Studien/StudienDiskussion/NailaStudie/20050226_naila-studie.pdf)

**Eger, H. & Jahn, M.** (2010). [“Specific Health Symptoms and Cell Phone Radiation in Selbitz (Bavaria, Germany)-Evidence of a Dose-Response Relationship”]. *Umwelt Medizin Gesellschaft*, Feb.130-139. [In German] Retrieved from [http://www.umg-verlag.de/umwelt-medizin-gesellschaft/210\\_ej\\_z.pdf](http://www.umg-verlag.de/umwelt-medizin-gesellschaft/210_ej_z.pdf)

**FEB (Swedish Association for the Electrosensitive).** (2001). “Mystery in the skin: Screen dermatitis, the effect of computer work on human skin.” *FEB Website* . <http://www.feb.se/ARTICLES/OlleJ.html>

**Frey AH.** (1998). “Headaches from cellular telephones: are they read and what are the implications?” *Environmental Health Perspective.* Mar: 106(3):101-

3. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=9441959&query\\_hl=23&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=9441959&query_hl=23&itool=pubmed_docsum)

**Gadzicka, E., Bortkiewicz, A., Zmyslony, M., Szymczak, W. & Szyjkowska, A.** (2006). "Assessment of subjective complaints reported by people living near mobile phone base stations." Nofer Institute of Occupational Medicine, Lodz, Poland. Workshop PTZE Electromagnetics technics in preventive health, Lodz, Poland 13-15 December 2006 (Biuletyn PTZE, nr 14, Warszawa 2006, pp 23-26)

**Gandhi VC, Ross DH.** (1987). "Alterations in alpha-adrenergic and muscarinic cholinergic receptor binding in rat brain following nonionizing radiation." *Radiation Res.* Jan; 109(1):90-

9. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=3027740&query\\_hl=46&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=3027740&query_hl=46&itool=pubmed_docsum)

**Gautier R, Santini R.** (2003). "EMFs and Stress Proteins or Heat Shock Proteins (HSP)." [www.csif-cem.org](http://www.csif-cem.org) le 17/06/2003

**Gautier R, Gougeon L, Santini R.** (2003). "EMF and Acetylcholine." [www.csif-cem.org](http://www.csif-cem.org) le 30/05/2003 <http://csifcem.free.fr/ach.html>

**Goldberg, G.** (2006). *Would You Put Your Head In A Microwave Oven?* AuthorHouse: Bloomington, Ind. & Milton Keynes: UK.

**Goldberg, M.J.** (2000). "Autism." *Testimony to the Committee on Government Reform, U.S. House of Representatives.* <http://www.nids.net/testimony.htm>

**Gómez-Perretta, C., Navarro, E.A., Segura, J. & Portolés M.** (2013). "Subjective symptoms related to GSM radiation from mobile phone base stations: a cross-sectional study." *BMJ Open.* 2Dec 30; 3(12):e003836. doi: 10.1136/bmjopen-2013-003836. Retrieved at <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3885815/>

**Gorman, JM, Hirschfeld RM, Ninan PT.** (2002). "New developments in the neurobiological basis of anxiety disorders." *Psychopharmacology Bulletin* . Summer: 36  
Suppl. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=12490823](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=12490823)

**Government of Western Australia, Department of Fisheries.** "Commercial Fisheries of WA – Pilchards." <http://www.fish.wa.gov.au/docs/cf/Pilchards/index.php?0206/>

**Grimaldi S, Pasquali E, Barbatano L, Lisi A, Santoro N, Serafino A, Pozzi D.**(1997). "Exposure to a 50 Hz electromagnetic field induces activation of the Epstein-Barr virus genome in latently infected human lymphoid cells." *Journal Environmental Pathology Toxicology Oncology.* 16(2-3):205-  
7. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=9276003&query\\_hl=3&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=9276003&query_hl=3&itool=pubmed_docsum)

**Guessab A, Lescoat G, Maniey J.** (1983). "Influence of postnatal exposition to microwaves on brain and hypothalamo-pituitary monoamines in the adult male rat." *Physiologie*. Apr-Jun;20(2):71-

4. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=6196798&query\\_hl=27&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=6196798&query_hl=27&itool=pubmed_docsum)

**Gugkova Olu, Gudkov SV, Gapeev AB, Bruskov VI, Rubannik AV, Chemeris NK.**(2005). "The study of the mechanisms of formation of reactive oxygen species in aqueous solutions on exposure to high peak-power pulsed electromagnetic radiation of extremely high frequencies." *Biofizika*. Sep-Oct;50(5):773-9. [Article in Russian.] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16248149&query\\_hl=5&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16248149&query_hl=5&itool=pubmed_docsum)

**Haarala C, Aalto S, Hautzel H, Julkunen L, Rinne JO, Laine M, Krause B, Hamalainen H.** (2003). "Effects of a 902 MHz mobile phone on cerebral blood flow in humans: a PET study." *Neuroreport* . Nov 14; 14(16):2019-23. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=14600490](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=14600490)

**Hallberg O. & Oberfeld G.** (2006). "Letter to the editor: Will we all become electrosensitive?" *Electromagnetic Biology and Medicine*. 25(3):189-91. Retrieved from <http://informahealthcare.com/doi/abs/10.1080/15368370600873377?journalCode=ebm> [http://www.next-up.org/pdf/EHS2006\\_HallbergOberfeld.pdf](http://www.next-up.org/pdf/EHS2006_HallbergOberfeld.pdf)

**Heinrich J, Hoelscher B, Frye C, Meyer I, Wjst M, Wichmann HE.** (2002). "Trends in prevalence of atopic diseases and allergic sensitization in children in Eastern Germany." *Eur Respir J*. Jun: 19(6):1040-6. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=10726404](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=10726404)

**Thomas, S., Kühnlein, A., Heinrich, S., Praml, G., von Kries R. & Radon, K.** (2008) "Exposure to mobile telecommunication networks assessed using personal dosimetry and well-being in children and adolescents: the German MobilEe-study." *Environ Health*. Nov 4;7:54. doi: 10.1186/1476-069X-7-54. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2614418/>

**Hemnani T, Parihar MS.** (1998). "Reactive oxygen species and oxidative DNA damage." *Indian journal of physiology and pharmacology* . Oct;42(4):440-52. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10874342&query\\_hl=24&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10874342&query_hl=24&itool=pubmed_docsum)

**Henderson P.** (2006). "Your appliances might be making you sick." *Vitality: Toronto's Monthly Wellness Journal* . April. [http://www.vitalitymagazine.com/earthwatch\\_-\\_dirty\\_electricity](http://www.vitalitymagazine.com/earthwatch_-_dirty_electricity)

**Hermann-Kunz E.** (1999a). "Incidence of allergic diseases in East and West Germany." *Gesundheitswesen* . Dec;61 Spec No:S100-5. [Article in

German] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=10726405&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=10726405&dopt=Abstract)

**Hermann-Kunz E.** (1999b). "Prevalence of hay fever in Germany—East-West comparison and temporal trends." *Gesundheitswesen* . Dec;61 Spec No:S94-9. [Article in

German] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=10726404](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=10726404)

**Hope J.** (2006). "Men who use mobile phones face increased risk of infertility." *Daily Mail*. Oct. 23. Retrieved from [http://www.dailymail.co.uk/pages/live/articles/news/news.html?in\\_article\\_id=412179&in\\_page\\_id=1770](http://www.dailymail.co.uk/pages/live/articles/news/news.html?in_article_id=412179&in_page_id=1770)

**Huber R, Treyer V, Schuderer J, Berthold T, Buck A, Kuster N, Landolt HP, Achermann P.** (2005). "Exposure to pulse-modulated radio frequency electromagnetic fields affects regional cerebral blood flow." *European Journal of Neuroscience* . Feb; 21(4):1000-6. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=15787706](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=15787706)

**Huber R, Treyer V, Borbely AA, Schuderer J, Gottselig JM, Landolt HP, Werth E, Berthold T, Kuster N, Buck A, Achermann P.** (2002). "Electromagnetic fields, such as those from mobile phones, alter regional cerebral blood flow and sleep and waking EEG." *Journal of Sleep Research*. Dec; 11(4):289-95. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=12464096](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=12464096) [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=12464096](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=12464096)

**Hurtado I, Fiol C, Gracia V, Caldu P.** (1996). "In vitro oxidised HDL exerts a cytotoxic effect on macrophages." *Atherosclerosis* . Nov 15;127(1):143. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=8831925](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=8831925)

**Hutter, H., Moshammer, H., Wallner, P. & Kundi, M.** (2006). "Subjective symptoms, sleeping problems, and cognitive performance in subjects living near mobile phone base stations." *Occupational and Environmental Medicine*, 63(5): 307-13. Retrieved from <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2092490/>

**Ifargan S.** (2006). "200 people destroyed a cellular antenna." *Maariv* 29.9. In: Direct Action Against Cell Phone Tower in Israel. *EMF Facts*. Translated by Iris Atzmon. <http://www.emfacts.com/weblog/index.php?p=559>

**Ikarashi Y, Maruyama Y, Stavinoha WB.** (1984). "Study of the use of the microwave magnetic field for the rapid inactivation of brain enzymes." *Japan Journal of Pharmacology*. Aug;35(4):371-87.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=6503038&query\\_hl=12&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=6503038&query_hl=12&itool=pubmed_DocSum)

**Ikarashi Y., Sasahara T., Maruyama Y.** (1985) "Postmortem changes in catecholamines, indoleamines, and their metabolites in rat brain regions: prevention with 10-kW microwave irradiation." *Journal of Neurochemistry*. Sep: 45(3):935-9. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=2411860&query\\_hl=12&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=2411860&query_hl=12&itool=pubmed_docsum)

**Ilhan A, Gurel A, Armutcu F, Kamisli S, Iraz M, Akyol O, Ozen S.** (2004). "Ginkgo biloba prevents mobile phone-induced oxidative stress in rat brain." *Clin Chim Acta*. Feb;340(1-2):153-62. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=14734207&query\\_hl=30&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=14734207&query_hl=30&itool=pubmed_docsum)

**Ingels, D.** "Allergic Reactions Enhanced by Cell Phone Use." *Bastyr Center for Natural Health* . <http://bastyrcenter.org/content/view/313/>

**Ishikawa K, Shibanoki S, Saito S, McGaugh JL.** (1982). "Effect of microwave irradiation on monoamine metabolism in dissected rat brain." *Brain Research*. May 20;240(1):158-61. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=7093715&query\\_hl=12&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7093715&query_hl=12&itool=pubmed_docsum)

**Jelenkovic A, Janac B, Pesic V, Jovanovic DM, Vasiljevic I, Prolic Z.** (2006). "Effects of extremely low-frequency magnetic field in the brain of rats." *Brain Research Bull*. Jan 30;68(5):355-60. Epub 2005 Oct 19. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16377443&query\\_hl=6&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16377443&query_hl=6&itool=pubmed_docsum)

**JerseyMastConcern.** "The Research." <http://www.jerseymastconcern.co.uk/theresearch.html>

**Johansson O, Gangi S, Liang Y, Yoshimura K, Jing C, Liu P-Y.** (2001). "Cutaneous mast cells are altered in normal healthy volunteers sitting in front of ordinary TVs/PCs – results from open-field provocation experiments." *J Cutan Pathol*. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=11737520&query\\_hl=33&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=11737520&query_hl=33&itool=pubmed_DocSum)

**Johansson O, Hilliges M, Han SW.** (1996). "A screening of skin changes, with special emphasis on neurochemical marker antibody evaluation, in patients claiming to suffer from screen dermatitis as compared to normal healthy controls." *Exp Dermatol* . 5: 279-285.

**Johansson O, Liu P-Y.** (1995) "'Electrosensitivity', 'electrosupersensitivity' and 'screen dermatitis': preliminary observations from on-going studies in the human skin." In: *Proceedings of the COST 244: Biomedical Effects of Electromagnetic Fields –*

*Workshop on Electromagnetic Hypersensitivity* (ed. D Simunic), EU/EC (DG XIII), Brussels/Graz,; 52-57.

**Kalns J., Ryan KL, Mason, PA, Bruno JG, Gooden R, Kiel JL.** (2000). "Oxidative stress precedes circulatory failure induced by 35-GHz microwave heating." *Shock*. vol. 13, n°1, pp. 52-59 (37 ref.). [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10638670&query\\_hl=36&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10638670&query_hl=36&itool=pubmed_docsum)

**Kane RC.** (2007). "On Second-Hand RF Radiation." *EMF Facts*. March 1<sup>st</sup>. <http://www.emfacts.com/weblog/index.php?p=661> [www.emrnetwork.org/position/kane\\_second\\_hand\\_radiation.pdf](http://www.emrnetwork.org/position/kane_second_hand_radiation.pdf)

**Kant GJ, Lenox RH, Meyerhoff JL.** (1979). "Dopamine diffusion after microwave fixation at 986 MHz." *Neurochem Res*. Aug;4(4):529-34. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=481683&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=481683&dopt=Abstract)

**Kato Y.** (2004). "Are Electromagnetic Waves the Culprit?" *Shukan Kinyobi*, July 2, 2004, pp. 27-29. <http://www.japanfocus.org/products/details/1568>

**Khurana, V.G., Hardell, L., Everaert, J., Bortkiewicz, A., Carlberg, M. & Ahonen, M.** (2010). "Epidemiological evidence for a health risk from mobile phone base stations." *International Journal of Occupational and Environmental Health*, Jul-Sep: 16(3): 263-267. Retrieved at <http://www.ncbi.nlm.nih.gov/pubmed/20662418>

**Kimata H.** (2003). "Enhancement of allergic skin wheal responses in patients with atopic eczema/dermatitis syndrome by playing video games or by a frequently ringing mobile phone." *Eur J Clin Invest*. Jun: 33(6):513-7. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=12795649&query\\_hl=22&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=12795649&query_hl=22&itool=pubmed_docsum)

**Kimata H.** (2005). "Microwave radiation from cellular phones increases allergen-specific IgE production." *Allergy*. Jun;60(6):838-9. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15876318&query\\_hl=22&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15876318&query_hl=22&itool=pubmed_docsum)

**Kimata H.** (2002). "Enhancement of allergic skin wheal responses by microwave radiation from mobile phones in patients with atopic eczema/dermatitis syndrome." *Int Arch Allergy Immunol*. Dec;129(4):348-50 . <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed>

**Kitamura K, Tomita K, Miller RT.** (1997). "Inhibition of nitric oxide synthase activity and nitric oxide-dependent calcium influx in renal epithelial cells by cyclic adenosine monophosphate: implications for cell injury." *Journal of the American*

*Society of Nephrology* . Apr;8(4):558-

68. <http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed>

**Kolodynski AA, Kolodynska VV.** (1996). “**Motor and psychological functions of school children living in the area of the Skrunda Radio Location Station in Latvia.**” *Sci Total Environ.* Feb 2;180(1):87-93.

<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed>

**Kramer, U., Link, E., Oppermann, H., Ranft, U., Schafer, T., Thriene, B., Behrendt, H. & Ring J.** (2002). “**Studying school beginners in western and eastern Germany: allergy trends and sensitisations 1991-2000.**” *Gesundheitswesen.* Dec: 64(12): 657-63. [Article in

German] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=12516017](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=12516017)

**Leszczynski, D., Joenväärä, S, Reivinen J, & Kuokka R.** (2002). “**Non-thermal activation of the hsp27/p38MAPK stress pathway by mobile phone radiation in human endothelial cells: Molecular mechanism for cancer- and blood-brain barrier-related effects.**” *Differentiation.* 70 (2-3), 120–129. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=12076339&query\\_hl=39&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=12076339&query_hl=39&itool=pubmed_docsum)

**Levitt ,B.B.** (1995). ***Electromagnetic Fields.*** San Diego, New York, London: Harcourt Brace and Company.

**Levitt, B.B. & Lai, H.** (2010). “**Biological effects from exposure to electromagnetic radiation emitted by cell tower base stations and other antenna arrays.**” *Environmental Reviews,* 18(NA): 369-395, 10.1139/A10-018. Retrieved from <http://www.nrcresearchpress.com/doi/pdf/10.1139/A10-018>

**Li, N., Sul, J.Y. & Haydon P.G.** (2003). “**A calcium-induced calcium influx factor, nitric oxide, modulates the refilling of calcium stores in astrocytes.**” *Journal of Neuroscience.* Nov 12;23 (32):10302-10. Retrieved from

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=14614089&query\\_hl=43&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=14614089&query_hl=43&itool=pubmed_DocSum)

**Liburdy RP, Rowe AW, Vanek PF Jr.** (1988). “**Microwaves and the cell membrane. IV. Protein shedding in the human erythrocyte: quantitative analysis by high-performance liquid chromatography.**” *Radiat Res.* Jun;114(3):500-14.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=3375439&query\\_hl=16&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=3375439&query_hl=16&itool=pubmed_docsum)

**Li, C.Y., Liu, C.C., Chang, Y.H., Chou, L.P. & Ko, M.C.** (2012). “**A population-based case-control study of radiofrequency exposure in relation to childhood neoplasm.**” *Sci Total Environ.* Oct 1;435-436:472-8. doi: 10.1016/j.scitotenv.2012.06.078. Epub 2012 Aug 9. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22885353>

**Liburdy RP, Vanek PF Jr.** (1987). "Microwaves and the cell membrane. III. Protein shedding is oxygen and temperature dependent: evidence for cation bridge involvement." *Radiat Res.* Mar;109(3):382-95.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=3562783&query\\_hl=16&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=3562783&query_hl=16&itool=pubmed_docsum)

**Liburdy RP, Penn A.** (1984). "Microwave bioeffects in the erythrocyte are temperature and pO<sub>2</sub> dependent: cation permeability and protein shedding occur at the membrane phase transition." *Bioelectromagnetics* .;5(2):283-91.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=6732882&query\\_hl=16&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=6732882&query_hl=16&itool=pubmed_docsum)

**Macnamara L.** (2006). "Building Top Floors Closed After Brain Tumor Alert." *The Australian*. At <http://www.rense.com/general71/brain.htm>

**Marshal EP, Williams M, Hooper M.** (2001). "What is M.E.? What is CFS? Information for Clinicians and Lawyers." *MEActionUK*. [http://www.meactionuk.org.uk/What\\_Is\\_ME\\_What\\_Is\\_CFS.htm](http://www.meactionuk.org.uk/What_Is_ME_What_Is_CFS.htm)

**Mausset-Bonnefont AL, Hirbec H, Bonnefont X, Privat A, Vignon J, de Seze R** . (2004). "Acute exposure to GSM 900-MHz electromagnetic fields induces glial reactivity and biochemical modifications in the rat brain." *Neurobiological Discussion* . Dec;17(3):445-54.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15571980&query\\_hl=15&itool=pubmed\\_docsum+](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15571980&query_hl=15&itool=pubmed_docsum+)

**McLeod, D.M. & White P.A.** (2002). *The Miracle of Antioxidants*. Canadian Anti-aging and Longevity Academy: Canada.

**Meyer JH, Ginovart N, Boovariwala A, Sagrati S, Hussey D, Garcia A, Young T, Praschak-Rieder N, Wilson AA, Houle S.** (2006). "Elevated monoamine oxidase a levels in the brain: an explanation for the monoamine imbalance of major depression." *Arch Gen Psychiatry*. Nov;63(11):1209-16.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=17088501&query\\_hl=13&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=17088501&query_hl=13&itool=pubmed_DocSum)

**Miike T, Tomoda A, Jhodoi T, Iwatani N, Mabe H.** (2004). "Learning and memorization impairment in childhood chronic fatigue syndrome manifesting as school phobia in Japan." *Brain Development* . Oct;26(7):442-7.  
[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15351079&query\\_hl=2&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15351079&query_hl=2&itool=pubmed_docsum)

**Mizuno R.** (2000). "The male/female ratio of fetal deaths and births in Japan." *Lancet*. Aug 26;356(9231):738-9.  
<http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?CMD=search&DB=pubmed>

**Modak AT, Stavinoha WB, Deam AP.** (1981). "Effect of short electromagnetic pulses on brain acetylcholine content and spontaneous motor activity of mice." *Bioelectromagnetics*. 2(1):89-92.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=7284047&query\\_hl=2&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7284047&query_hl=2&itool=pubmed_DocSum)

**Moszczyński P, Lisiewicz J, Dmoch A, Zabinski Z, Bergier L, Rucinska M, Sasiadek U.** (1999). "The effect of various occupational exposures to microwave radiation on the concentrations of immunoglobulins and T lymphocyte subsets." *Wiad Lek*. 52(1-2):30-4. [Article in Polish]

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=10335122](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=10335122)

**Mukerjee A.** (2003). "More Mobiles, and Sparrows Take Flight." *The Hindu Business Line Internet Edition*. Nov.

30<sup>th</sup>. <http://www.thehindubusinessline.com/2003/12/01/stories/2003120100431400.htm>

**Nagaishi M, Yamamoto T, Iinuma K, Shimomura K, Berend SA, Knops J.** (2004). "Chromosome abnormalities identified in 347 spontaneous abortions collected in Japan." *J Obstet Gynaecol Res*. Jun; 30(3):237-

41. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=15210050&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=15210050&dopt=Abstract)

**Nakamura H, Seto T, Hatta K, Matsuzaki I, Nagase H, Yoshida M, Ogino K.** (1998). "Natural killer cell activity reduced by microwave exposure during pregnancy is mediated by opioid systems." *Environ Res*. Nov;79(2):106-13.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=9841809&query\\_hl=32&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=9841809&query_hl=32&itool=pubmed_docsum)

**Nakamura H, Seto T, Nagase H, Yoshida M, Dan S, Ogino K.** (1997). "Effects of exposure to microwaves on cellular immunity and placental steroids in pregnant rats." *Occup Environ Med*. Sep;54(9):676-

80. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=9423582](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=9423582)

**National Cancer Institute.** (1998). "Increase in Childhood Brain Tumors Likely Due to Better Diagnosis and Reporting." *National Cancer Institute, U.S. National Institutes of Health*. <http://www.cancer.gov/newscenter/childtumors>

**Navarro, E., Segure, J., Portelés, M. & Gomez-Perretta, C.** (2003). "The microwave syndrome: A preliminary study in Spain." *Electromagnetic Biology and Medicine*, 22(2,3): 161-169. Retrieved

from [https://www.emrpolicy.org/science/research/docs/navarro\\_ebm\\_2003.pdf](https://www.emrpolicy.org/science/research/docs/navarro_ebm_2003.pdf)

**Neubauer C, Phelan AM, Kues H, Lange DG.** (1990). "Microwave irradiation of rats at 2.45 GHz activates pinocytotic-like uptake of tracer by capillary endothelial cells of cerebral cortex." *Bioelectromagnetics*, 11(4): 261-8. Retrieved

from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=2285411&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=2285411&query_hl=28&itool=pubmed_docsum)

**Oberfeld, G., Schimke, H., & Bernatzky, G.** (2005). “[Radiation from mobile phone base stations influences brain waves.]” [In German] *Salzburger Landeskorrespondenz*, Salzburg District Government, Department of Environmental Medicine, Salzburg, Austria.

**Omura, Y. & Losco, M.** (1993). “Electro-magnetic fields in the home environment (color TV, computer monitor, microwave oven, cellular phone, etc) as potential contributing factors for the induction of oncogen C-fos Ab1, oncogen C-fos Ab2, integrin alpha 5 beta 1 and development of cancer, as well as effects of microwave on amino acid composition of food and living human brain.” *Acupunct Electrother Res.* Jan-Mar;18(1):33-73. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=7684553&query\\_hl=2&itool=pubmed\\_DocSum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7684553&query_hl=2&itool=pubmed_DocSum)

**O’Neil J.J.** (2006). *Prodigal Genius: The Life of Nikola Tesla*. New York: Cosimo Classics. <http://www.amazon.com/Prodigal-Genius-Life-Nikola-Tesla/dp/1596057130>

**Ormsby, P.** (2004). “Superabundant EMF and the Precautionary Principle.” Gauss Network: All-Japan Conference in Nerima, Tokyo.” *Omega News*. Aug. 2. Retrieved from <http://omega.twoday.net/20040802/>

**Ozguner F, Altinbas A, Ozaydin M, Dogan A, Vural H, Kisioglu AN, Cesur G, Yildirim NG.** (2005). “Mobile phone-induced myocardial oxidative stress: protection by a novel antioxidant agent caffeic acid phenethyl ester.” *Toxicol Ind Health.* Oct; 21(9): 223-30. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16342473&query\\_hl=6&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16342473&query_hl=6&itool=pubmed_docsum)

**Ozguner F, Bardak Y, Comlekci S .** (2006). “Protective effects of melatonin and caffeic acid phenethyl ester against retinal oxidative stress in long-term use of mobile phone: a comparative study.” *Molecular Cell Biochemistry .* Jan;28 2(1-2):83-8. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16317515&query\\_hl=47&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16317515&query_hl=47&itool=pubmed_docsum)

**Ozguner F, Oktem F, Ayata A, Koyu A, Yilmaz HR.** (2005). “A novel antioxidant agent caffeic acid phenethyl ester prevents long-term mobile phone exposure-induced renal impairment in rat. Prognostic value of malondialdehyde, N-acetyl-beta-D-glucosaminidase and nitric oxide determination.” *Molecular Cell Biochemistry.* Sep; 277(1-2): 73-80. Retrieved from [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16132717&query\\_hl=49&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16132717&query_hl=49&itool=pubmed_docsum)

**Pall, M.L.** “Chronic Fatigue Syndrome as a NO/ONOO- Cycle Disease.” College of Science, School of Molecular Biology, Washington State University. Retrieved from [http://molecular.biosciences.wsu.edu/faculty/pall/pall\\_cfs.htm](http://molecular.biosciences.wsu.edu/faculty/pall/pall_cfs.htm)

**QlinkWorld.** “Interview with Dr. Robert Young.” <http://www.qlinkworld.co.uk/media/london.html>

**Quock RM, Fujimoto JM, Ishii TK, Lange DG.** (1986). “Microwave facilitation of methylatropine antagonism of central cholinomimetic drug effects.” *Radiation Research* . Mar;105(3):328-40. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=3961098&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=3961098&query_hl=28&itool=pubmed_docsum)

**Quock RM, Kouchich FJ, Ishii TK, Lange DG .** (1987). “Microwave facilitation of domperidone antagonism of apomorphine-induced stereotypic climbing in mice.” *Bioelectromagnetics*. 8(1):45-55. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=3579999&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=3579999&query_hl=28&itool=pubmed_docsum)

**Radio Telefís Éireann.** (2007). “Dr George Carlo, Chairman of the Science and Public Policy Institute, Washington, claims it has new data that indicates that use of mobiles are damaging to humans.” <http://rte.ie/news/primetime/>

**RadioWave Sickness,** [http://www.megadisc.com.au/index\\_files/rfsickness1.htm](http://www.megadisc.com.au/index_files/rfsickness1.htm)

**Rajendra P, Sujatha HN, Devendranath D, Gunasekaran B, Sashidhar RB, Subramanyam C, Channakeshava1.** (2004). “Biological effects of power frequency magnetic fields: Neurochemical and toxicological changes in developing chick embryos.” *Biomagnetic Research and Technology*. 2: <http://www.pubmedcentral.nih.gov/articlerender.fcgi?artid=375542>

**Regoli F, Gorbi S, Machella N, Tedesco S, Benedetti M, Bocchetti R, Notti A, Fattorini D, Piva F, Principato G.** (2005). “Pro-oxidant effects of extremely low frequency electromagnetic fields in the land snail *Helix aspersa*.” *Free Radic Biol Med*. Dec 15;39(12):1620-8. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16298687&query\\_hl=52&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16298687&query_hl=52&itool=pubmed_docsum)

**Sage, C.** (2006). “Microwave and Radiofrequency Radiation Exposure: A Growing Environmental Health Crisis?” *San Francisco Medicine*. San Francisco Medical Society. <http://www.sfms.org/AM/Template.cfm?Section=Home&template=/CM/HTMLDisplay.cfm&ContentID=1770>

**Savopol, T., Moraru, R., Dinu, A., Kovacs ,E. & Sajin G.** (1995). “Membrane Damage of Human Red Blood Cells Induced by Low-Power Microwave Irradiation.” Vol. 14, No. 2 . pp. 99-105 <http://informahealthcare.com/doi/abs/10.3109/15368379509022549>

**Sandu, K.** (2007). “Cell phone tower radiation may be killing plants and animals.” *Ludhiana Newslines*. <http://cities.expressindia.com/fullstory.php?newsid=226423>

**Santini R, Santini P, Danze JM, Le Ruz P, Seigne M.** (2002). ["Investigation on the health of people living near mobile telephone relay stations: Incidence according to distance and sex."] *Pathol Biol* (Paris). [Article in French] Jul; 50(6): 369-73. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=12168254](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=12168254)

**Santini, R., Santini, P., Danze, J.M., Le Ruz, P. & Seigne M.** (2003). ["Symptoms experienced by people in vicinity of base stations: II/ Incidences of age, duration of exposure, location of subjects in relation to the antennas and other electromagnetic factors"]. *Pathol Biol* (Paris). Sep;51(7):412-5. French. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/12948762>

**Saul S.** (2006). "Record Sales of Sleeping Pills Are Causing Worries." *New York Times*. Published: February 7, 2006. <http://www.nytimes.com/2006/02/07/business/07sleep.html?ex=1296968400&en=8fd30fa48137535e&ei=5088&partner=rssnyt&emc=rss>

**Schirmacher A, Winters S, Fischer S, Goeke J, Galla HJ, Kullnick U, Ringelstein EB, Stogbauer F.** (2000). "Electromagnetic fields (1.8 GHz) increase the permeability to sucrose of the blood-brain barrier in vitro." *Bioelectromagnetics*. Jul;21(5):338-45. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10899769&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10899769&query_hl=28&itool=pubmed_docsum)

**Seegal RF, Wolpaw JR, Dowman R.** (1989). "Chronic exposure of primates to 60-Hz electric and magnetic fields: II. Neurochemical effects." *Bioelectromagnetics*. 10(3):289-301. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=2473755&query\\_hl=56&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=2473755&query_hl=56&itool=pubmed_docsum)

**Selsam CW.** (2005) "German Doctors unite on RF health effects from masts." *Powerwatch* . July 22. [http://www.powerwatch.org.uk/news/20050722\\_bamberg.asp](http://www.powerwatch.org.uk/news/20050722_bamberg.asp)

**Shahbazi-Gahrouei, D., Karbalae, M., Moradi, H. & Baradaran-Ghahfarokhi, M.** (2013). Health effects of living near mobile phone base transceiver station (BTS) antennae: a report from Isfahan, Iran. *Electromagnetic Biology and Medicine*, Jun 19. [Epub ahead of print]. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/23781985>

**Shtemberg AS, Uzbekov MG, Shikhov SN., Bazyan AS, Chernyakov GM.**(2001). "Some Neurotropic Effects of Low-Intensity Electromagnetic Waves in Rats with Different Typological Characteristics of Higher Nervous Activity." *Neuroscience and Behavioral Physiology*. 547-553. <http://www.springerlink.com/content/t38161q132935133/>

**Sieron A, Labus L, Nowak P, Cieslar G, Brus H, Durczok A, Zagzil T, Kostrzewa RM, Brus R.** (2004). "Alternating extremely low frequency magnetic field increases turnover of dopamine and serotonin in rat frontal cortex." *Bioelectromagnetics*. Sep;25(6):426-30.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=15300728&query\\_hl=15&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=15300728&query_hl=15&itool=pubmed_docsum)

**Smialowicz RJ, Rogers RR, Garner RJ, Riddle MM, Luebke RW, Rowe DG.** (1983). "Microwaves (2,450 MHz) suppress murine natural killer cell activity." *Bioelectromagnetics*. 4(4):371-81.

[http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=6651889](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=6651889)

**Schneider S.** (2003). "Sexually Shellfish." *Orlando Weekly*. Sept. 11<sup>th</sup>. <http://www.orlandoweekly.com/columns/story.asp?id=3202>

**Studies in the News.** (2006). "Autism and Mercury in Vaccines." 06-03 January 19. *California State Library*. <http://www.library.ca.gov/SITN/2006/0603.htm>

**Takahashi A, Ishimaru H, Ikarashi Y, Maruyama Y.** (1994). "Aspects of hypothalamic neuronal systems in VMH lesion-induced obese rats." *Journal of Autonomic Nervous System*. Aug;48(3):213-9. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=7963256&query\\_hl=40&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=7963256&query_hl=40&itool=pubmed_docsum)

**Testylier G, Tonduli L, Malabiau R, Debouzy JC.** (2002). "Effects of exposure to low level radiofrequency fields on acetylcholine release in hippocampus of freely moving rats." *Bioelectromagnetics*. May: 23(4):249-55. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=11948603&query\\_hl=2&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=11948603&query_hl=2&itool=pubmed_docsum)

**The Irish Post.** (2006). "Mobile mast protester who will not be silenced." *The Irish Post*. <http://www.irishpost.co.uk/news/story.asp?j=4874&cat=news>

**Thomas, W.** (2005). "More Grave Cell Phone Dangers Revealed." *Rense*. <http://www.rense.com/general63/cel.htm>

**Tomoda A, Miike T, Yonamine K, Adachi K, Shiraishi S.** (1997). "Disturbed circadian core body temperature rhythm and sleep disturbance in school refusal children and adolescents." *Biol Psychiatry*. Apr 1;41(7):810-3. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list\\_uids=9084900&dopt=Abstract](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?cmd=Retrieve&db=PubMed&list_uids=9084900&dopt=Abstract)

**Tomoda A, Miike T, Yamada E, Honda H, Moroi T, Ogawa M, Ohtani Y, Morishita S.** (2000). "Chronic fatigue syndrome in childhood." *Brain Development*. Jan;22(1):60-4. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=10761837&query\\_hl=5&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=10761837&query_hl=5&itool=pubmed_docsum)

**Tomson, H.** "A change in the blood as seen under a dark-field microscope: The effects of mobile phone radiation after just a ninety-second phone call." <http://www.buergerwelle.de/pdf/cluster.jpg>. For an English translation of the study

see <http://omega.twoday.net/stories/3325490/> <http://www.beacelle.de/mensch/auswirkungen.htm>

**Wall, D.** (2005) "From Skepticism to Science: After 20 years, chronic fatigue syndrome may finally be getting some respect and cutting-edge science." *San Francisco Chronicle*. June 5, 2005. <http://www.sfgate.com/cgi-bin/article.cgi?file=/c/a/2005/06/05/CMG3NCLBC81.DTL>

**Wang SG.** (1989) "5-HT contents change in peripheral blood of workers exposed to microwave and high frequency radiation." *Zhong hua Yu Fang Yi Xue Za Zhi*. Jul;23(4):207-10. [Article in Chinese]. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=2627835&query\\_hl=60&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=2627835&query_hl=60&itool=pubmed_docsum)

**Way WI, Kritikos H, Schwan H.** (1981). "Thermoregulatory physiologic responses in the human body exposed to microwave radiation." *Bioelectromagnetics*;2(4):341-56. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=7326056](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=7326056)

**Weatherall M.** (2007). "Autism rates increase as sources of electro magnetic radiation increase." *Omega News*. Feb. 9. <http://omega.twoday.net/stories/3302024/> and [http://whale.to/a/autism\\_increase.html](http://whale.to/a/autism_increase.html)

**Weimerskirch PR, Ernst ME.** (2001). "Newer dopamine agonists in the treatment of restless legs syndrome." *Ann Pharmacother*. May; 35(5):627-30. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=11346069&query\\_hl=62&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=11346069&query_hl=62&itool=pubmed_docsum)

**Williams WM, Del Cerro M, Michaelson SM.** (1984). "Effect of 2450 MHz microwave energy on the blood-brain barrier to hydrophilic molecules. B. Effect on the permeability to HRP." *Brain Research* . May; 319(2):171-81. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=6733540&query\\_hl=28&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=6733540&query_hl=28&itool=pubmed_docsum)

**Wolf, R., & Wolf, D.** (2004). "Increased incidence of cancer near a cell-phone transmitter station." *International Journal of Cancer Prevention*, Apr; 1 (2): 1-19. Retrieved from [http://www.hese-project.org/hese-uk/en/papers/wolf\\_netanya.pdf](http://www.hese-project.org/hese-uk/en/papers/wolf_netanya.pdf)

**Xie Y, Jiang HH, Gong QF, Zhang GB, Yu JH, Yu ZP.** (2004). "Effect of microwave irradiation on neurocyte mitochondrial ultrastructure and mtTFA mRNA expression in rats cerebral cortex and hippocampus." *Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi* Apr;22(2):104-7. . [Article in Chinese]

**Yang H.K., Cain C.A., Lockwood J., Tompkins W.A.** (1983). "Effects of microwave exposure on the hamster immune system. I. Natural killer cell activity." *Bioelectromagnetics* . 1983;4(2):123-39. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=6870966](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=6870966)

**Yellon SM.** (1994). “**Acute 60 Hz magnetic field exposure effects on the melatonin rhythm in the pineal gland and circulation of the adult Djungarian hamster.**” *Journal of Pineal Research*. Apr;16(3):136-44. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=7932036](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=7932036)

**Yuan ZQ, Li F, Wang DG, Wang Y, Zhang P.** (2004). “**Effect of low intensity and very high frequency electromagnetic radiation on occupationally exposed personnel.**” *Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi*. Aug: 22(4):267-9. [Article in Chinese] [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list\\_uids=15355705](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?itool=abstractplus&db=pubmed&cmd=Retrieve&dopt=abstractplus&list_uids=15355705)

**Yurekli AI, Ozkan M, Kalkan T, Saybasili H, Tuncel H, Atukeren P, Gumustas K, Seker S.** (2006). “**GSM base station electromagnetic radiation and oxidative stress in rats.**” *Electromagn Biol Med*. 25(3):177-88. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed\\_AbstractPlus&term=%22Yurekli+AI%22%5BAuthor%5D](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Search&itool=pubmed_AbstractPlus&term=%22Yurekli+AI%22%5BAuthor%5D)

**Zwirska-Korczała K, Jochem J, Adamczyk-Sowa M, Sowa P, Polaniak R, Birkner E, Latocha M, Pilc K, Suchanek R.** (2005). “**Effect of extremely low frequency of electromagnetic fields on cell proliferation, antioxidative enzyme activities and lipid peroxidation in 3T3-L1 preadipocytes – an in vitro study.**” *J Physiol Pharmacol*. Dec;56 Suppl 6:101-8. [http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list\\_uids=16340043&query\\_hl=68&itool=pubmed\\_docsum](http://www.ncbi.nlm.nih.gov/entrez/query.fcgi?db=pubmed&cmd=Retrieve&dopt=AbstractPlus&list_uids=16340043&query_hl=68&itool=pubmed_docsum)