

Comment from Beatrice Golomb

I urge that you make strenuous efforts, not only to prevent requirement for V2V (vehicle to vehicle) communication, but to deny permission for it, for the health of many.

Evidence documents that many people a very large number, though a small fraction of the population -- are already experiencing life altering symptoms and health problems from existing sources of nonionizing radiofrequency/microwave radiation (RF/MW), from cell towers, smart meters, wifi, etc, and in some cases also from extremely low frequency radiation (power line type). Each added source of RF/MW has created a new group of impaired individuals, and further curtails the freedom of movement of those already affected.

Our data indicate that for those employed at the time they become affected, fully half have been forced to leave their job, because the impairment is not only to the new source of radiation, but individuals develop new problems with previously tolerated sources of radiation.

Combining different frequencies of radiation leads to synergistic toxicity, according to US government reports (like a DIA report on health effects of RFR**) citing Russian studies. Russian exposure limits are 1 ten-thousandths of what ours are they are doing a far better job of protecting their people, and are probably laughing that we are taking out many of ours, perhaps especially the best and brightest (see below). Adding V2V communication to existing radiation sources is thus expected to synergistically increase injury. RF/MR has also been shown, in many studies, to depresses critical antioxidants that are required for defense against chemical toxicity as well so this will likely magnify the burden of chronic conditions with a tie to

Just as new attitudes toward behaviors toward women are leading to repercussions decades later, so future attitudes may be adverse to persons who participated in making decisions harmful to some citizens, after being apprised of the potential repercussions.

Just as diplomats in Cuba and China experience cognitive loss, hearing loss, sleep problems, headaches, anxiety, dizziness, and irritability most likely due to pulsed RF/MW- so do segments of the public, from communication sources of RF/MW.

Oxidative stress (free radical injury) is a strongly documented mechanism of injury with RF/MW (and also ELF). This affects proteins, lipids, DNA and RNA, among other substances in the body is an irrefutably documented mechanism of toxicity for low level, nonionizing RF/MW affirmed in numerous studies. For instance, Yakymenko et al assessed 100 studies that evaluated whether low level RF/MW caused oxidative stress: 93 showed that it did. De Luca et al assessed whether genetic variants that lead to less avid protections against oxidative stress, are tied to reported effects from RF/MW (and other electromagnetic radiation). They were. People cannot manipulate their genes by suggestibility: this is powerful evidence that the symptoms are from the oxidative-stress causing radiation. Belpomme in France showed that affected people consistently have low levels of a metabolite of melatonin. Melatonin is a critical antioxidant, shown in scores of studies to protect against free radical injury from RF/MW (and ELF, and every other kind of radiation and also many, many chemicals). And RF/MW (and ELF) lead to depressions in melatonin and other critical antioxidants made by the body, far more in some people than others (a phenomenon called effect modification).

Oxidative stress promotes many secondary causes of injury to different degrees in different people. These include damage to mitochondria, the energy producing parts of cells (damage to mitochondria also produces oxidative stress), membrane damage, blood-brain barrier impairment, inflammation, impaired bloodflow (via endothelial dysfunction), histamine elevation, cell death, and activation of coagulation, as well as modifying substances in the body in a way that makes them more vulnerable to autoimmune attack among other mechanism.

My experience suggests the best and brightest may be selectively affected, and this mechanism provides reasons why. Among those citing problems are Gro Harlem Brundtland, former 3 time Prime Minister of Norway, and former Director General of the World Health Organization; and Matti Niemela, former Chief Technology Officer at Nokia; and Per Segerstrom, former software engineer at Eriksson. I know at least 9 affected physicians, a number of affected engineers, lawyers, scientists, etc.

Our data indicate that persons who have experienced major electric shocks, or who have had past exposure to drugs / chemicals that cause damage through oxidative stress and toxicity to mitochondria (when damaged, these produce more oxidative stress) are disproportionately affected.