

The National Toxicology Program (NTP) a branch of the National Institute of Health presented a preliminary report from a study that was initiated by the Food and Drug Administration in 1999, started in 2014, completed in 2015, and “preliminary report” presented in May 27, 2016. This study has shown a direct link cancerⁱ.

Dr. Ron Melnick, was a Senior Toxicologist and Director of Special Programs in the National Toxicology Program at the time of the design, stated during a talk on the NTP rat study **“We tested the hypothesis that cellphone radiation could not cause health effects, and we feel that that hypothesis has now been disproved, because these results clearly show that cellphone radiation can cause adverse health effects”ⁱⁱ**.

The NTP issued this preliminary report because the new information from this study showed that cellular radiation from cell phones caused cancer in rats. This information would be of great concern for the general population and to the necessary public entities that controlled public health, safety and welfare and they needed to be informed so they could take appropriate measures to insure public health, safety and welfare; along with informing the general population so they could take measure immediately.

The American Cancer Society responded to the above study by stating the following:
“The U.S. National Toxicology Program (NTP) has released partial results from an animal study of the effect of radiofrequency radiation associated with cell phones. The group found radiofrequency radiation was linked to a higher risk of two cancers. Below is a response from **Otis W. Brawley, M.D., American Cancer Society Chief Medical Officer**. “For years, the understanding of the potential risk of radiation from cell phones has been hampered by a lack of good science. This report from the National Toxicology Program (NTP) is good science.

“The NTP report linking radiofrequency radiation (RFR) to two types of cancer marks a paradigm shift in our understanding of radiation and cancer risk. The findings are unexpected; we wouldn't reasonably expect non-ionizing radiation to cause these tumors. This is a striking example of why serious study is so important in evaluating cancer risk. It's interesting to note that early studies on the link between lung cancer and smoking had similar resistance, since theoretical arguments at the time suggested that there could not be a link.

“The new report covers only partial findings from the study, but importantly one of the two cancers linked to cell phone radiation was malignant gliomas in the brain. The association with gliomas and acoustic neuromas had been suspected from human epidemiology studies. The second cancer, called a schwannoma, is an extremely rare tumor in humans and animals, reducing the possibility that this is a chance finding. And importantly, the study found a ‘dose/response’ effect: the higher the dose, the larger the effect, a key sign that this association may be real.

“The fact that this finding was observed only in male rats has some wondering if the data is not reliable. It's important to note that these sorts of gender differences often appear in carcinogenic studies, so the fact they show up here should not detract from the importance of the findings.
“This new evidence will undoubtedly factor into ongoing assessments by regulators to determine the potential cancer risk posed by cell phones. The American Cancer Society eagerly awaits guidance from government agencies, like the U.S. Food and Drug Administration (FDA) and the Federal Communications Commission (FCC), about the safety of cell phone use.

“The NTP was given the difficult task of trying to answer important questions about the potential cancer risk posed by cell phones, and the group did not shirk from its responsibility. NTP staff were clearly aware of the potential importance of this study and went the extra distance to ensure the best science is used. They used double the number of animals required for this type of study; they convened not one but three panels to look at abnormal tissues from treated animals to ensure that

what was identified as a brain and heart tumor was indeed a brain and heart tumor; they solicited review from multiple scientists from outside the NTP to critically review all aspects of the data analysis and study findings, to ensure the findings would stand up to the critical assessment expected once these unexpected findings were released.

“While this study adds significantly to the evidence that cell phone signals could potentially impact human health, it does not actually tell us how certain scenarios of cell phone use change our long-term risks of getting cancer. For example, the animal studies were performed at very high signal strengths, near but below levels that would cause animal tissue to heat up. Additional research will be needed to translate effects at these high doses to what might be expected at the much lower doses received by typical or even high-end cell phone users. Also, cell phone technology continues to evolve, and with each new generation, transmission strengths have declined and with it radio frequency exposures.”ⁱⁱⁱ

Verizon and the TCI have known about these adverse health effects and have made a choice to ignore them. Instead they have chosen to create a need for these antenna/towers by preying on the public’s addiction to wireless devices, which they seem helpless to resist; advertising to promote uses that require massive amounts of bandwidth, which in turn requires more and more cellular antenna/towers. “The beat goes on”, this has become a destructive, endless cycle that has shown no way to correct itself.

Verizon Communications Inc., UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549, FORM 10-K, page 19

We are subject to a significant amount of litigation, which could require us to pay significant damages or settlements.

We are subject to a substantial amount of litigation, including, from time to time, shareholder derivative suits, patent infringement lawsuits, antitrust class actions, wage and hour class actions, personal injury claims and lawsuits relating to our advertising, sales, billing and collection practices. In addition, our wireless business also faces **personal injury and consumer class action lawsuits relating to alleged health effects of wireless phones or radio frequency transmitters, and class action lawsuits that challenge marketing practices and disclosures relating to alleged adverse health effects of handheld wireless phones.** We may incur significant expenses in defending these lawsuits. In addition, we may be required to pay significant awards or settlements.

There is no insurance company that will issue insurance for liability against adverse health effects associated with microwave radiation emitted from wireless devices including cellular antenna towers.

There is enough scientifically documented studies that show adverse health effects from non-thermal microwave radiation and the fact it is classified as a class 2B possible carcinogen, and the NTP has proven “.....**that cellphone radiation can cause adverse health effects**”^{iv} and has a direct link to **cancer**, to invoke the Precautionary Principle, which states:

“That if an action or policy has a suspected risk of causing harm to the public or to the environment, in the absence of scientific consensus (that the action or policy is not harmful), the burden of proof that it is not harmful falls on those taking an action that may or may not be a risk.”

ⁱ <https://ntp.niehs.nih.gov/results/areas/cellphones/>

ⁱⁱ Unofficial transcript typed by Barb Payne of the 53--□minute audio heard on June 4, 2016 at <http://ehtrust.org/head--□research--□design--□25m--□us--□government-- study--□cellphones--□provides--□additional--□analyses--□discusses--□implications--□scientists--□israeli--□institute--□advanced--□studies--□hebrew/>, page 2.

ⁱⁱⁱ <http://pressroom.cancer.org/NTP2016>

^{iv} Unofficial transcript typed by Barb Payne of the 53--□minute audio heard on June 4, 2016 at <http://ehtrust.org/head--□research--□design--□25m--□us--□government-- study--□cellphones--□provides--□additional--□analyses--□discusses--□implications--□scientists--□israeli--□institute--□advanced--□studies--□hebrew/>, page 2.