

Entered into the Public Record on 6/14/16 at the Petaluma City Schools District Board Meeting

The United States National Toxicology Program (NTP), part of the National Institute of Environmental Health Sciences (NIEHS), released substantial scientific proof of its a 15+ year, \$25 million investigation, the largest and most complete toxicology study ever completed.

**Dr. Ronald L. Melnick, the lead designer of the NTP study** stated on 6/1/16:

[https://youtu.be/rM3\\_Qdv1hFE?t=11m2s](https://youtu.be/rM3_Qdv1hFE?t=11m2s)

**“So, what's the message from all of this? We tested the [null] hypothesis that [radio-frequency] radiation could not cause health effects and we feel that that hypothesis has now been disproved because these results clearly show that that [radio-frequency] radiation can cause adverse health effects . . .**

The finding of increases of gliomas and schwannomas of the heart in rats exposed to the radio-frequency radiation provides consistency with the epidemiological reports of increases of gliomas and acoustic neuromas, which are tumors of Schwann cells among humans exposed to [radio-frequency] radiation. Those were the findings that provided the basis for the IARC evaluation of 2011, because **the same cells that became cancerous in rats are the cells that have been reported to develop into tumors in [human] epidemiological studies . . .**

The incidence of tumors is not the measurement of risk alone. Risk is determined from both the dosimetry, which is the absorbed power **[multiplied by] time [of exposure]**, versus the tumor response . . . because of the large number of [exposed human] users worldwide, even a small increase in risk at exposure propensities that may be close to what humans experience, could result in a large number of people developing a RF-radiation-induced tumor with long-term exposure.”

**Otis W. Brawley, MD**, Chief Medical Officer of the American Cancer Society stated on 5/27/16:

<https://acspressroom.wordpress.com/2016/05/27/ntpcellphones/>

“This [5/27/16] 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 [wireless] radiation and cancer risk.** The findings are unexpected; we wouldn't reasonably expect non-ionizing RFR to cause these tumors: [gliomas and schwannomas]. 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 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 . . . **importantly, the study found a 'dose/response' effect: the higher the dose, the larger the effect,** [which is] a key sign.”

**Erica Mallery-Blythe, MD**, founder of PHIRE: Physicians' Health Initiative for Radiation and Environment:

<https://youtu.be/sNFdZVeXw7M?t=52m55s>

**“This shows many of the symptoms [of radiation sickness]: headaches sleep disturbance, depression, loss of memory, skin problems, visual disruption, hearing disruption, dizziness, cardiovascular problems . . . [reported] in a dose-response fashion depending on how close one is [to the source of RF/EMF microwave radiation] . . . What isn't common sense . . . is that at the same time that they are telling you that your children should be limiting their exposures to their mobile phones, they have got plans like the one-to-one iPad schemes in schools . . . [but] a tablet has a higher specific absorption rate than [a mobile] phone . . . there could be higher absorption rates in other tissues in the body and children are using these iPads on their laps, right next to their genitalia and their delicate abdominal organs. You are just moving the site of damage to somewhere where it could actually be more disruptive . . . [iPads] are emitting on full power the entire time [your children] are using them.”**

View the video recording of this public record at <https://www.youtube.com/user/petalumaaccessstv/videos>