

## Dr. Ronald L. Melnick, the lead designer of the NTP study stated on 6/26/16:

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So, what's the message from all of this? We tested the hypothesis that [RF Microwave] radiation could not cause health effects and we feel **that the 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.