Comments to FCC on Notice of Inquiry, ET Docket No. 13-84

To Whom it may concern,

I am a resident of New York State and I have been harmed by wireless technologies. Although the telecommunications industry claims that there are no dangers associated withe the use of cell phones, wifi, cell towers and smart meters, there is a wealth of studies that confirm that wireless technologies are indeed harmful to life and the environment, particularly, children and especially bees who are dying at alarming rates.

It is reckless for the FCC, which is not a health agency, to push for the introduction of 5G technology without any health or safety oversight. In light of many recent studies of the adverse health effects of cell phone use, it would be grossly irresponsible for 5G to be approved.

(See lasts article below)

The medical establishment advises us to err on the side of caution. All caution has apparently been thrown to the the wind by the recommendation of Tom Wheeler to push forward in approving 5G. Understandably, the telecommunications industry stands to profit greatly by the approval to roll out 5G technology at the expense of humans and the environment. Citizens have a right to not be exposed to a constant stream of wireless radiation in our communities, coming onto our properties and into our homes.

I consider it an outrage for any government representative or agency to consider approving a technology that has never been proven safe and has many studies showing that there is cause for concern.

Thousands have already been injured by wireless devices. We do not want the FCC to approve the release of yet another harmful and even more powerful technology. Please protect the health and safety of citizens and the environment. Do not approve the roll out of 5G technology. Wireless technologies have already been proven to be unsafe.

Thank you,

Toby Stover
81 Clove Valley Road
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"Be on the Right Side of History": Electrical Pollution Comments to the FCC

To the New York Times, June 2016:

Ronald L Melnick, PhD, led the design of the NTP/NIEHS Rodent Study. Melnick was a Senior Toxicologist and Director of Special Programs in the Environmental Toxicology Program at the National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health, and is now retired.

Correcting Misinformation about Health Effects Studies on Cell Phone Radiation

By Ronald L Melnick, PhD

I am compelled to write this letter because of the numerous incorrect and misleading statements made by Aaron Carroll, a pediatric professor at Indiana University School of Medicine (Upshot, New York Times, May 31, 2016[i]) in his critique of the cell phone study conducted by the National Toxicology Program (NTP).

1. The statement that the NTP report had been “shopped for review, but had not been accepted by any editors” is blatantly wrong and makes one wonder where Carroll obtained such false information or did he simply decide to make up his own facts.
2. While Carroll notes that this was a study in rats, he neglects to note that every known human carcinogen induced tumors in animals when adequately tested. Animals are used as models in toxicity and carcinogenicity studies because it is unethical to intentionally expose humans to agents that might cause an adverse health effect such as cancer that has a long latency period between exposure and manifestation of disease.
3. The finding of significant increases of cancer in male rats but not in female rats is presented as contempt of the data; however, Carroll neglects to note that such findings are common in animal studies especially at sites that have higher background rates in male rats than females. This gender difference might be a consequence of low statistical power, an issue that I comment on below.
4. Carroll claims that control rats “dying early could be responsible for all the significant results of the study.” This statement is wrong for at least two reasons:

First, there was no statistical difference in survival between control male rats and those exposed to CDMA at 6 W/Kg (the group with the highest rate of gliomas and heart schwannomas); at week 94, survival of rats in these two groups were the same. Second, no glial cell hyperplasias (potential pre-cancerous lesions) or heart schwannomas were observed in any control rat, even though glial cell hyperplasia was detected in a CDMA-exposed rat as early at week 58 and heart schwannomas were detected as early as week 70 in exposed rats.

5. Carroll seems to endorse the incorrect view that because the study had low statistical power, it is likely to have “an increased risk of being a false positive.” However, having low statistical power means that there is a greater chance for a false negative rather than a false positive result. That is, there is a high probability of accepting the no-effect hypothesis even when a true effect exists.

6. Carroll warns against accepting results from the NTP study, which he refers to as an “imperfect rat study.” He is probably unaware that the design of this study was presented at an annual meeting of the Bioelectromagnetics Society prior to the start of these studies. The overwhelming opinion expressed by the meeting participants was that this would bethe largest and most comprehensive study in animals exposed to cell phone radiation, and that the results from this study would trump all other animal carcinogenicity studies of this agent.

7. Carroll criticizes the usefulness of human case-control studies while praising cohort studies. Actually both types of studies are important, though each has its own limitations. Carroll neglects to note that cohort cancer studies are reliable if they adequately capture the long latency period for cancer development as well as the actual characteristic of cell phone use by individuals in these studies (e.g., use of speakers, head sets, frequency and duration of calls, type of phone, etc.). Exposure misclassifications in cohort studies tend to increase the chances of a negative result.

8. While Carroll argues against a relationship between brain cancer and cell phone use because the incidence of brain cancers have not increased in the United States since the late 1980s, he neglects to note that unfortunately the incidence of highly lethal glioblastomas has increased during that same time period.

In my view, a pediatrician would be acting irresponsibly if he or she knew and understood the implications of the human and animal cancer data on cell phone radiation and did not offer precautionary advice to the parents of his or her patients.

Ronald L Melnick, PhD, led the design of the NTP/NIEHS Rodent Study. Melnick was a Senior Toxicologist and Director of Special Programs in the Environmental Toxicology Program at the National Institute of Environmental Health Sciences (NIEHS), National Institutes of Health, and is now retired.

Source: http://microwavenews.com/news-center/ntp-nyt Setting the Record Straight on NTP Cell Phone Cancer Study: Ron Melnick Corrects ‘Misinformation,’ Rebuffed by the New York Times, June 10, 2016

[i] http://www.nytimes.com/2016/06/02/upshot/why-its-not-time-to-panic-about-cellphones-and- cancer.html

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