



Environmental Health Trust  
P.O. Box 58, Teton Village WY 83025  
ehtrust.org

## An Open Letter to Dolly Parton and Miley Cyrus on Cell Phone Radiation

February 15, 2021

Dear Dolly Parton and Miley Cyrus:

We love your music and know that you both care deeply about protecting women's health. We urge you to consider our heartfelt letter to you. We need your help. We understand you must have had no idea that a cell phone is a two way microwave radio that should never be kept close to the body.

The Super Bowl commercial featuring Dolly Parton pulling a cell phone out of her bra creates the illusion that it is safe to keep a cell phone in the bra. It is not.. The bra should be a no cell phone zone.

We are writing you both to request your help in raising awareness about the need to reduce cell phone radiation.

Most women and girls are unaware that cell phones emit radiofrequency (RF) radiation and that hundreds of doctors and scientists advise that this type of radiation is not healthy. Most people are unaware that credible [scientific evidence](#) is mounting linking cancer as well as brain and reproductive impacts to cell phone radiation.

All cell phones have fine print instructions hidden deep in online manuals that instruct users to avoid direct contact. In fact phones could [violate U.S. government safety limits](#) for human exposure to RF radiation -up to 11 times when placed against the body.

Cell phones should not be in the bra. For example, the Google Pixel 5a (5G) safety information [states](#), "Keep the phone away from your body to meet the distance requirement." EHT has a webpage with numerous examples of the [Fine Print Warnings](#) for the top phone models and other wireless devices. Manufacturers actually specify that the phone should be kept at least 5 mm to 1.5 cm distance from the body.

The California Department of Health released an advisory on how to reduce cell phone radiation [stating](#), “Carry your cell phone in a backpack, briefcase, or purse; NOT in a pocket, bra or belt holster.”

[The American Academy of Pediatrics](#) and the [North Carolina Public Health Department](#) both state “Avoid carrying your phone against the body like in a pocket, sock, or bra. Cell phone manufacturers cannot guarantee that the amount of radiation you are absorbing will be at a safe level.”

Published [case reports](#) document young women developing unusual breast cancers located directly underneath the antennas of where their phones were stored, directly where they placed their cell phones in their bra. A [2020 case control study](#) found that women who used phones close to their bodies head up to five times more breast cancer than others

So long as the phone is on it is sending and receiving microwave radiation thousands of times an hour, even when you are not talking on the phone.

Numerous scientists, including senior advisors to the World Health Organization, have concluded that if cell phone radiation were evaluated at this time, it would be considered a probable, if not fully confirmed human carcinogen (See [Carlberg and Hardell, 2017](#); [Directorate-General for Parliamentary Research Services \(European Parliament\) & Belpoggi, 2021](#); [Miller et al., 2018](#); [Melnick, 2019](#); [Portier, 2021](#)). A systematic review and meta-analysis of case-control studies found evidence that linked cellular phone use to increased tumor risk (See [Choi et al., 2020](#)).

We hope that you will join us in protecting women by sharing lifesaving information on the importance of reducing cell phone radiation. Please inform women that the bra should be a no cell phone zone.

Sincerely,

Devra Davis, PhD, MPH  
President and Founder Environmental Health Trust  
Visiting Professor of Medicine  
Hebrew University Hadassah Medical Center

Theodora Scarato MSW  
Executive Director Environmental Health Trust

**Doctors and scientists recommend reducing exposure to cell phone radiation:**

- The Massachusetts Breast Cancer Coalition created an educational curriculum for classrooms to prevent breast cancer. Go to “[Let’s Talk Prevention Classroom Module 3 Cell Phone and Wireless](#) to download the curriculum.
- Over 200 scientists who are experts in electromagnetic radiation have signed the [EMF Scientists Appeal](#) which states “numerous recent scientific publications have shown that EMF affects living organisms at levels well below most international and national guidelines. Effects include increased cancer risk, cellular stress, increase in harmful free radicals, genetic damages, structural and functional changes of the reproductive system, learning and memory deficits, neurological

disorders, and negative impacts on general well-being in humans. Damage goes well beyond the human race, as there is growing evidence of harmful effects to both plant and animal life.”

- Over 400 scientists and doctors have signed the [5G Appeal](#) which states, “5G will substantially increase exposure to radiofrequency electromagnetic fields (RF-EMF) on top of the 2G, 3G, 4G, Wi-Fi, etc. for telecommunications already in place. RF-EMF has been proven to be harmful for humans and the environment.”
- Over 3,500 medical doctors signed onto a 2020 Consensus statement that wireless RF has been proven to damage biological systems at intensities below government limits ([See signatures here, PDF of Consensus Statement](#)).
- **Numerous additional appeal sinclude:** [International Society of Doctors for Environment](#), [Cyprus Medical Association](#), [the Vienna Austrian Medical Chamber](#) and [the Cyprus National Committee on Environment and Children’s Health](#), [Belgium Doctors Appeal](#), [Canadian Doctors](#), [Cyprus Medical Association](#), [Physicians of Turin, Italy](#), [the German Doctors Appeal](#), [International Appeal to Stop 5G on Earth and Space](#), [Letter to President Trump](#), [Letter to President Biden](#) and [Chilean Doctors](#).
- EHT has resources on [how to reduce cell phone radiation here](#) and [factsheets/posters here](#).
- European Parliament requested a research report “[Health Impact of 5G](#)” released in July 2021 concluding that commonly used RFR frequencies (450 to 6000 MHz) are probably carcinogenic for humans and clearly affect male fertility with possible adverse effects on the development of embryos, fetuses and newborns.

## EDUCATIONAL RESOURCES

[Simple Steps to Reduce Cell Phone Radiation](#)

[Simple Steps to Use Safer Technology at Home](#)

The Massachusetts Breast Cancer Coalition “[Let’s Talk Prevention Classroom Module 3 Cell Phone and Wireless](#)

[Green Gazette: Health Issues | Save the Girls. Make the Bra a No-Phone Zone](#)

[CBS News Story: Doctors: Women who store phone in bras at risk for breast cancer](#)

[California Department of Public Health Cell Phone Radiation Advisory](#)

## VIDEO RESOURCES

[2013 Lecture by Dr. Lisa Bailey, former president of the American Cancer Society of California at the San Francisco Commonwealth Club](#)

CBC Investigative Reports: [The Secret Inside Your Cellphone](#)

[Dr. Devra Davis: The Truth About Cell Phone Radiation, Melbourne University](#)

[Rapid Fire - What Brain and Sperm Share and Why Care | Dr. Devra Davis | TEDx Jackson Hole](#)

[Health Effects of Cellphone & Cell Tower Radiation: Implications for 5G, Dr. Joel Moskowitz](#)

## REFERENCES

Breast Cancer

West JG, Kapoor NS, Liao SY, Chen JW, Bailey L, Nagourney RA. [Multifocal Breast Cancer in Young Women with Prolonged Contact between Their Breasts and Their Cellular Phones](#). Case Rep Med. 2013;2013:354682. doi: 10.1155/2013/354682. Epub 2013 Sep 18. PMID: 24151509; PMCID: PMC3789302.

Shih YW, Hung CS, Huang CC, Chou KR, Niu SF, Chan S, Tsai HT. [The Association Between Smartphone Use and Breast Cancer Risk Among Taiwanese Women: A Case-Control Study](#). Cancer Manag Res. 2020 Oct 29;12:10799-10807. doi: 10.2147/CMAR.S267415. PMID: 33149685; PMCID: PMC7605549. [PDF](#)

## RF Radiation and Cancer

Belpomme, D., Hardell, L., Belyaev, I., Burgio, E., & Carpenter, D. O. (2018). Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective. Environmental Pollution, 242, 643–658. <https://doi.org/10.1016/j.envpol.2018.07.019>

Carlberg, M., & Hardell, L. (2017). Evaluation of Mobile Phone and Cordless Phone Use and Glioma Risk Using the Bradford Hill Viewpoints from 1965 on Association or Causation. BioMed Research International, 2017, e9218486. <https://doi.org/10.1155/2017/9218486>

Choi, Y.-J., Moskowitz, J. M., Myung, S.-K., Lee, Y.-R., & Hong, Y.-C. (2020). Cellular Phone Use and Risk of Tumors: Systematic Review and Meta-Analysis. International Journal of Environmental Research and Public Health, 17(21), 8079. <https://doi.org/10.3390/ijerph17218079>

Miller, A. B., Morgan, L. L., Udasin, I., & Davis, D. L. (2018). Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102). Environmental Research, 167, 673–683. <https://doi.org/10.1016/j.envres.2018.06.043>

Miller, A. B., Sears, M. E., Morgan, L. L., Davis, D. L., Hardell, L., Oremus, M., & Soskolne, C. L. (2019). Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices. Frontiers in Public Health, 7. <https://www.frontiersin.org/article/10.3389/fpubh.2019.00223>

## T MOBILE

[T-MOBILE Campaign “Do It For the Phones”](#)

[“Dolly Parton and Miley Cyrus Help 5G Phones Come True”](#)

[“Miley Cyrus Sings a Song for 5G Phones”](#)

[“Miley Cyrus - Do it for the Phones \(Official Video\)”](#)

