

Moratorium on 5G: American Scientists, Doctors and Healthcare Practitioners' Letter to President Trump

Experts are urging for reductions in exposure to protect human health and the environment.

By [Environmental Health Trust](#)

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[Environmental Health Trust](#)

Region: [USA](#)

Theme: [Police State & Civil Rights](#), [Science and Medicine](#)

A broad coalition of scientists, doctors and advocates sent a National [5G Resolution](#) letter to President Trump demanding a moratorium on 5G until potential hazards for human health and the environment have been fully investigated by scientists independent from the telecom industry. The 5G Resolution was developed during the first three-day US medical conference fully dedicated to this topic, [Electromagnetic Fields Conference on Diagnosis and Treatment](#), which convened in Scotts Valley, California in September. ([Watch videos from the conference here.](#))

The letter references the published scientific studies demonstrating harm to human health, bees trees and the environment from current wireless technology and posits that 5G will both increase exposure and add in new technology never safety tested for long-term exposure.

“We join with the thousands of doctors, scientists and health care providers worldwide who have recently issued appeals for urgent action on 5G to protect public health and call for a moratorium on 5G and any further wireless antenna densification until potential hazards for human health and the environment have been fully investigated by scientists independent from the wireless industry.”

“The children are our future. The scientific evidence has been clear for decades and now America has an opportunity to lead the way,” said Toril H. Jelter, MD, a pediatrician who presented at the EMF Conference with case studies on children she has treated who have dramatically improved after reducing wireless exposures. “It is my impression that health effects of wireless radiation go misdiagnosed and underdiagnosed for years. Parents, teachers and physicians need to know that hardwiring internet, phone and tv is a healthier option for our children.”

According to the 5G Resolution:

- The FCC has stated that 800,000 antenna sites will be required to fully deploy 5G in the United States, with global deployments expected to reach almost 5 million by 2021.
- New wireless antennas are rapidly being installed on streetlights and utility poles directly in front of homes and schools.
- 5G will dramatically increase the general public's daily exposure to

radiofrequency electromagnetic fields (RF-EMF), in addition to the emissions from 2G, 3G, 4G wireless infrastructure already in place.

- 5G was not premarket safety tested.
- Research shows biological effects from levels of wireless exposures presently allowed.
- Research on 5G emissions shows serious impacts to humans, bees, trees and wildlife.

The [Electromagnetic Safety Alliance](#) and [Environmental Health Trust](#) coordinated gathering signatories for the 5G Resolution, and both organizations also presented at the 2019 EMF Conference. Full Text of the Letter is Below.

United States of America National 5G Resolution

An Urgent Call for a Moratorium on 5th Generation Wireless Technologies Pending Safety Testing

To: Donald Trump, President of the United States of America

December 11, 2019

We, the undersigned, are medical doctors, health professionals, scientists, engineers and public advocates who are deeply concerned about the potential health risks associated with 5G and the proliferation of electromagnetic radiation sources from wireless telecommunications technologies.

The FCC has [stated](#) that 800,000 antenna sites will be required to fully deploy 5G in the United States. Global deployments are [expected](#) to reach almost 5 million by 2021. Industry [projects](#) 22 billion wirelessly connected devices worldwide as part of the Internet of Things. New wireless antennas are rapidly being attached to streetlights and utility poles directly in front of homes and schools. 5G will dramatically increase our daily exposure to radiofrequency electromagnetic fields (RF-EMF) in addition to the 2G, 3G, 4G, Wi-Fi, etc. RF-EMF from wireless infrastructure already in place that will continue to emit. The 5G antenna densification plan will lead to a significant increase of involuntary exposure to wireless radiation everywhere.

Cell phone and wireless were never premarket safety tested for long-term exposure to humans when they first came on the market decades ago. Now the harmful effects of non-ionizing electromagnetic exposure to [humans](#) and the [environment](#) are proven. In 2015, more than [250 scientists from more than 40 countries](#) expressed their “serious concerns” in an [EMF Appeal](#) regarding the ubiquitous and increasing exposure to EMF generated by electric and wireless devices even before the additional 5G Internet of Things rollout. The scientists refer to the fact that “numerous recent scientific publications have shown that EMF affects living organisms at levels well below most international and national guidelines”. Since then, hundreds of doctors have signed onto [new appeals](#) specifically calling to halt 5G.

[A large number of peer-reviewed scientific reports](#) demonstrate harm to human health from EMFs. [Effects](#) include [increased cancer risk](#), increased [cellular stress](#), increased harmful [free radicals, genetic damages](#), structural and functional changes of the [reproductive system](#), [learning](#) and [memory deficits](#), [behavioral problems](#), [neurological disorders](#), [headaches](#), 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 [trees](#), [bees](#), [plants](#), [animals](#), and [bacteria](#).

After the EMF scientists' appeal was initiated in 2015, additional [research](#) has associated serious adverse biological effects of RF-EMF emissions from wireless technologies. The U.S. National Institutes of Health National Toxicology Program (NTP) published its large-scale, \$30 million [animal study](#) showing [DNA damage](#) and statistically significant increases in the incidence of brain cancer and heart cancer in animals exposed daily to wireless radiation. These findings [support](#) the results from [human epidemiological studies](#) finding [associations](#) between wireless radiation and brain tumor risk.

The International Agency for Research on Cancer (IARC), the cancer agency of the World Health Organization (WHO), in 2011 concluded that EMFs at frequencies 30 KHz to 300 GHz are possibly [carcinogenic](#) to [humans](#) (Group 2B). However, since that date, new studies, including the NTP study mentioned above and several epidemiological and [experimental](#) investigations, have increased the [evidence](#) indicating that wireless is carcinogenic. Now in 2019, the IARC announced plans to [re-evaluate](#) RF-EMF for carcinogenicity as soon as 2022.

As the U.S. Department of the Interior [stated](#), “the electromagnetic radiation standards used by the Federal Communications Commission (FCC) continue to be based on thermal heating, a criterion now nearly 30 years out of date and inapplicable today.” FCC guidelines only protect against heating effects ([EPA 2002](#)) and ignore the effects of pulse-modulated signals. Scientists have repeatedly found adverse biological effects that are [caused without heating](#) (“non-thermal effect”) at radiation levels far below the limits in FCC guidelines. Replicated research finds [memory damage](#), [behavioral problems](#) and [tumor promotion](#) from “low” legally allowed levels of wireless.

As the EPA was [defunded](#) in the mid '90s, there are no federally developed safety limits and there is no health and safety agency in the United States with authority to review the research and ensure protections regarding the human health and environmental effects from wireless antennas. Internationally, the [organizations](#) that issue exposure standards have failed to develop sufficient guidelines. [Published reviews](#) and [studies](#) on the new higher [frequencies](#) to be used in 5G call for caution and warn of future impacts that will not only impact humans but also wildlife and especially [bees](#).

We are concerned about the health and well-being of those who are most vulnerable: children, pregnant women, and persons sensitive to electromagnetic fields and who have chronic health problems.

We join with the thousands of doctors, scientists and health care providers worldwide who have recently issued appeals for urgent action on 5G to protect public health. The rapidly growing list includes the [International EMF Scientist Appeal](#), [Appeal to the European Union](#), [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](#) and the [International Society of Doctors for the Environment](#).

We call for a moratorium on 5G and any further wireless antenna densification until potential hazards for human health and the environment have been fully investigated by scientists independent from the wireless industry.

Doctors or health practitioners who want to sign onto this letter please email EHT at info@ehtrust.org

News <https://www.valuewalk.com/2019/12/human-health-danger-5g/>

List of Signatories

Note: To sign please send your name, title and location to info@ehtrust.org

Signatories to the National 5G Resolution collected at the EMF Conference, September 2019

The resolution was attended the first U.S. medical conference fully dedicated to this topic, ["Electromagnetic Fields Conference on Diagnosis and Treatment"](#) convened in Scott's Valley, California, from September 6-8, 2019.

As the conference was concluding, several participants agreed to initiate a National 5G Resolution, recommending a moratorium on the roll-out of fifth generation wireless, 5G, until potential hazards for human health and the environment have been fully investigated by scientists independent from the industry.

Miguel Aguilera, MD, Milwaukee, Wisconsin

Robin Anderson, PhD, Santa Rosa, California

Wayne Anderson, ND, Santa Rosa, California

Randy Baker, MD, Soquel, California

Stephanie Belseth, NP, Edina, Minnesota

Matthew Bernstein, MD, Chicago, Illinois

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Sarah Aminoff, Union City, California

Laura Bobzien, Dallas, Texas

August Brice, Founder, Tech Wellness California

Susan Busen, Palos Heights, Illinois

Nancy Costa, Heartfelt Spaces, San Rafael, California

Teresa Demarie, MBA, Long Beach, California

Jennifer Crumpton, Austin, Texas

Shilpa Dashpute, MA, Glendora, California

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Michael Garabedian, Attorney, Lincoln, California

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William Holland, Topanga, California

Mieke Jacobs, Lake Zurich, Illinois

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