

The Biological Effects of Non-Thermal, Non-Ionizing Radiation

What the Peer-Reviewed Science Reveals About Long-Term Exposure

The Hidden Military Archive & Halted Federal Research

The public remains largely unaware of non-ionizing radiation risks due to the immense financial power of industry and a historic legacy of military concealment. Declassified U.S. defense and intelligence documents list extensive findings of harm. The National Toxicology Program (NTP) eventually completed a landmark, \$30 million study in 2018—the first comprehensive federal public investigation in decades—which found **"clear evidence" of cancer and DNA damage** in laboratory models to reflect cellphone exposures. Despite these alarming results, the agency abruptly announced it would halt all further research.

Carcinogenicity (Long-Term Cancer Risks)

Decades of epidemiological research consistently link wireless radiation and specific electromagnetic fields to increased cancer risks, particularly tumors and leukemia. This assessment is explicitly backed by senior, newly retired federal scientists from the National Institute of Environmental Health Sciences (NIEHS) and NTP—including **Dr. Christopher Portier, Dr. Linda Birnbaum, and Dr. Ronald Melnick**—as clear and undeniable.

Reproductive Health & Prenatal Development

A substantial body of peer-reviewed studies demonstrate severe reproductive impacts, including direct sperm DNA fragmentation, structural deformities, and elevated miscarriage rates. Multi-generational studies indicate progressive declines in ovarian function. Furthermore, prenatal exposure is linked to long-term developmental issues in children, including attention deficits, reduced socialization, increased asthma rates, and metabolic weight gain. Articles on this science & history can be searched at **Microwave News** (.com).

Neurological Disruptions & Chronic Illness

Since the widespread deployment of cellular infrastructure, continuous exposure has been repeatedly tied to neurological and systemic symptoms. Documented effects include chronic headaches, cognitive and short-term memory impairment, sleep fragmentation, cardiac arrhythmias, and severe hormonal and metabolic disruptions. In his landmark book *Dirty Electricity*, epidemiologist **Dr. Samuel Milham** tracks how the historical introduction of electrification directly correlated with the rise of modern diseases, identifying specific high-frequency voltage transients as the primary driver of these illnesses.

Environmental Degradation & Wildlife Collapse

The rapid expansion of the tech infrastructure inflicts massive environmental damage through staggering energy grid demands and destructive mineral and water consumption. Biologically, non-ionizing radiation acts as an environmental stressor. Joint studies published by researchers **B. Blake Levitt, Dr. Henry Lai, and Dr. Albert Manville** document severe impacts on plants, soil microbiology, and wildlife, detailing chronic cellular stress, disorientation, reduced fertility, and unprecedented behavioral disruptions in birds, bees, and mammals. ~ Paid for by the Safer Tech at LastTreeLaws.com ballot committee

The Radiation Regulatory Gap ~ *Why Federal Protections Froze in 1996*

The 1996 Political Miscalculation

Regulatory non-ionizing radiation gaps in oversight trace back to the *Telecommunications Act of 1996*, authored by then Rep. Ed Markey. To accelerate infrastructure deployment, **Section 704** of the Act stripped local zoning boards of the right to block cell towers based on health concerns while transferring safety guidelines from the EPA to the FCC. A separate bill that year defunded the EPA's radiation research branch, halting public safety research.

The Death of Competition and Mainstream Journalism

The Telecommunication Act of 1996 lifting of ownership caps also allowed a handful of conglomerates to buy up local media to intertwine with telecom companies & corporations. Without independent media as a public watchdog, propaganda becomes press.

The Push for Costly Tech and Surveillance

Today, federal legislators push private wireless over more secure fiber and the more reliable, better regulated, publicly-owned copper landlines. Forcing daily tech dependence while funding unregulated expansion with our taxpayer dollars enables dual misuse for surveillance, propaganda, data manipulation, fabricated biometrics, and remote hacking (of grids, appliances, devices, etc.). This high-power electric data infrastructure provides the exact energy footprint required to host and deploy electromagnetic or directed energy weapon systems and remote AI operations, concentrating decisive power in technical hands.

A Systemic Crisis from Shrinking Resources

In a high-stakes race to control shrinking global resources, liberty, public and environmental health are treated as a secondary concern. This short-sighted prioritization of technological control over natural stability creates profound systemic risks, ignoring the inevitable reality of technological failures and the foundational value of the Earth and its people.

The Hubris of the Technocratic Ideology

This detachment from biological reality reflects dangerous ideological hubris. A faction of wealthy technologists actively pushes a future of tech-created food, designer babies, brain chip implants, lunar colonization, and more—falsely assuming engineering can replace nature, while dismissing safeguards as obsolete barriers rather than essential.

The Federal Court Ruling

By maintaining an engineering-focused FCC that legally froze safety standards in 1996, the federal government ensures powerful interests face zero public health barriers. This systemic failure was exposed in August 2021 when the U.S. Court of Appeals ruled in ***Environmental Health Trust et al v. FCC*** that the FCC had acted "arbitrarily and capriciously" by completely ignoring decades of science finding harm from non-thermal, non-ionizing radiation exposure.

Paid for by Safer Tech at [LastTreeLaws.com](https://lasttree.com) Ballot Committee ~ All RF science sourced from Levitt et al., declassified federal archives, & the 2021 U.S. Court of Appeals ruling.