

OPPOSE SB 649 (Hueso)

Let's Get Healthy California or Increase Harmful Radiation?

You can't have both. SB 649 would put radio frequency radiation (RFR) cell towers on every block in every neighborhood and countryside in California with an over the counter permit. Independent scientists citing peer reviewed studies are calling for immediate measures to reduce RFR. **179 cities and 32 counties oppose SB 649.**

"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." <https://www.emfscientist.org/>

What is Let's Get Healthy California?



Let's Get Healthy California is a shared vision for the future health of Californians. It is a commitment to become a healthier state through joint efforts in six project goals.

Health, environment and consumer justice organizations opposed to SB 649 include: Environmental Working Group, Sierra Club California, California League of Conservation Voters, Alliance of Nurses for Healthy Environments, Center for Environmental Health, The Utility Reform Network, Teens Turning Green, As You Sow, Baby Safe Project, Bay Area Educators for Safe Tech, California Brain Tumor Association, Ecological Options Network, EMF Safety Network, Environmental Health Trust, EMR Protection Forum, Green Sangha, Health & Habitat Inc, Marin Chapter of the Weston A. Price Foundation, Physicians for Safe Technology, Radiation Research Trust, Sacramento Smart Meter Awareness, Sage Associates, Scientists for Wired Technology, Seniors for Environmental Awareness, Stop Smart Meters, Veterans for Radiation Safety, Windheim EMF Solutions, Wireless Radiation Alert Network, Your Own Health and Fitness, and more.

Peer reviewed, published science shows RFR poses serious health and safety risks to the public and nature. Children are more vulnerable.

- The National Toxicology Program published a 25 million dollar study which is one of the largest and most comprehensive studies on cell phone radiation and cancer. In the study the rats exposed to cell phone radiation developed two types of cancers, glioma, a brain tumor, and schwannoma, a tumor in the heart. The summary includes, *“Given the widespread global usage of mobile communications among users of all ages, even a very small increase in the incidence of disease resulting from exposure to RFR could have broad implications for public health.”*¹
- The BioInitiative Report updated in 2012, prepared by 29 authors from ten countries, reviewed 1800 studies and conclude, *“EMF and RFR are preventable toxic exposures. Proactive and immediate measures to reduce unnecessary EMF exposures will lower disease burden and rates of premature death.”*²
- The International Agency for Research on Cancer at the World Health Organization classifies wireless as a 2B (possible) carcinogen.³

Peer reviewed published studies show proximity to antennas is hazardous.

Neurobehavioral effects among inhabitants around mobile phone base stations *“The prevalence of neuropsychiatric complaints as headache (23.5%), memory changes (28.2%), dizziness (18.8%), tremors (9.4%), depressive symptoms (21.7%), and sleep disturbance (23.5%) were significantly higher among exposed inhabitants than controls...”*⁴

- Epidemiological Evidence for a Health Risk from Mobile Phone Base Stations *“We found that eight of the 10 studies reported increased prevalence of adverse neurobehavioral symptoms or cancer in populations living at distances < 500 meters from base stations.”*⁵

Future cell tower plans are for 5G which emits millimeter waves. Peer reviewed published science shows millimeter waves penetrate the skin and affect human health.⁶ Millimeter wave technology has been developed as a crowd control weapon which causes acute burning pain, as if the body is on fire.⁷

- An analysis of studies on millimeter waves (MMWs) “State of knowledge on biological effects at 40–60 GHz”⁸ states, *“At the cellular level, it stands out from the literature that skin nerve endings are probably the main targets of MMWs and the possible starting point of numerous biological effects.”* Effects reviewed include effects on capillaries and nerve endings, protein insults, epigenetic regulation, and the risk of homeostasis disruption, which would have dramatic consequences.

¹ NTP cell phone study <http://ntp.niehs.nih.gov/results/areas/cellphones/index.html>

² Bioinitiative Report www.bioinitiative.org

³ IARC/WHO <https://goo.gl/BrkpG8>

⁴ Neurobehavioral effects among inhabitants around mobile phone base stations <https://www.ncbi.nlm.nih.gov/pubmed/16962663>

⁵ Epidemiological Evidence for a Health Risk from Mobile Phone Base Stations <https://goo.gl/Zz6dhk>

⁶ State of knowledge on biological effects at 40–60 GHz <https://goo.gl/gbBKHL>

⁷ US Military Active Denial System <http://jnlwp.defense.gov/About/Frequently-Asked-Questions/Active-Denial-System-FAQs/>

⁸ C. R. Physique 14 (2013) 402–411