

Brain Tissue Damage in Teen-Aged Rats after two hours of exposure to cell phone radiation

This study was reported by Dr. Karl Maret in his presentation, "Smart Meters: Should you be Concerned?" which begins at ~23 minutes into a gathering called "The Truth About Smart Meters" CTVsantacruz, Freedom Forum. The forum was held on September 15, 2010: <https://www.youtube.com/watch?v=p-nmaYU6kek&list=PL63B0143B3C354D88>. Dr. Maret is an M.D. and BioMedical Engineer.

The image below is at 1hour:15 min. into the forum. Note the lesions on the brain tissues of the exposed rat. Other studies have found the same lesions, leading to increased blood-brain barrier permeability. Blood albumin is seen *inside* the brain and 50 days later damage to neurons in the brain and further leakage are detected: the blood brain barrier, has been damaged. *Yet the exposure*

of 2 mW (milliWatts) per kilogram of body weight is 800 times lower than what U.S. agencies consider to be a 'safe' level for human beings. The BBB is one of many tissue barriers that protect critical organs, so it's likely that other barriers are also being breached, leaving the heart, testes, fetus, eyes, intestines unprotected from toxins and pathogens such as Lyme and Zika microbes.

**Low Level Microwave Exposure
Brain Changes at 0.125% Safe Levels**



Normal Rat Brain **Changed Brain after Exposure**

**Low Level Exposure of SAR = 2 mW/kg Whole Body for 2 hours only
(In USA, Accepted Safe Levels are 1600 mW/kg)**

Rats sacrificed after 50 days without further irradiation

Used 12-26 week old rats comparable to cell phone addicted teenagers

When research on the health effects of exposures to wireless WiFi/EMFs appears to yield inconsistent results, the fact is that there are no inconsistencies, only differences in the roles played by several key factors: *frequencies, pulsing, cell type, wave polarization and intensity windows*. If any of these factors of exposure are changed, so are the effects (see *5G: Great Risk*, by Martin L. Pall, Ph.D.). The data-transmission effect we *want* from our WiFi is only one of its effects. Along with it we continually send data-side-transmissions to every form of life on the planet. And the chaotic combinations of frequencies, pulsing, polarization and intensity of these transmissions act like keys in locks, turning all manner of biological processes on and off haphazardly, **doing cumulative unseen harm to humans, animals and plants that over time becomes irreversible.**

→ Keep cell and cordless phones away from the head and body. Use an airtube (not wired) headset.

Letter to the Editor, September 2018

Alzheimer's, Amyloid and Wireless Radiation

EMF radiations trigger the production of protective beta-amyloid in the brain, fueling the genesis of Alzheimer's Disease

"Scientists Explore Ties Between Alzheimer's And Brain's Ancient Immune System,"

<https://www.npr.org/sections/health-shots/2018/02/18/580475245/scientists-explore-ties-between-alzheimers-and-brains-ancient-immune-system>

Destruction of our Human Inheritance

Our ability to acquire and wield concepts takes us far beyond the condition of merely responding to our perceptions and experiences. But with the escalation of Alzheimer's – beginning in young adults now – we're witnessing the destruction of our cognitive inheritance and future potential. Please let us ask, why? For my part, I must continue to bring this new knowledge forward: our wireless/WiFi devices are the root of these misfortunes. While we love having information magically appear on our devices, it's not magic and not harmless. The wireless radiation that transmits this data triggers the brain's regulatory VGCC mechanisms – the Voltage-Gated Calcium Channels – giving rise to the amyloid protein found in the brains of Alzheimer's patients and regarded as playing a role in the condition (see *5G: Great Risk...*, Ch. 3, by Dr. Martin Pall).

This amyloid appears to be a primitive immune response meant to surround and remove invaders. The move is to try to stop amyloid build up with drugs. But why not believe the brain? It *is* being invaded: by destructive wireless radiations and the resulting damage; and the brain can't get rid of all the amyloid. I think we'd better wise up while we have sound minds to wise up with. Alzheimer's is overtaking us, and it will come on even faster if 5G wireless radiates from telephone poles 24/7. Please call your representatives in Washington and Albany to say NO to 5G and 'smart' grid wireless infrastructures. And do keep those wireless devices away from your head and body, and especially away from children, the growing fetus and the elderly. Thank you.