Telecommunications Mast Base Station Studies – GSM, 2G, 3G, 4G, Wifi (Studies pre 5G)

Biological effects from exposure to electromagnetic radiation emitted by cell tower base stations and other antenna arrays- B. Blake Levitt and Henry Lai 2010 https://www.radiationresearch.org/images/rrt_articles/Blake_Levitt_Henry_Lai_1_%203.pdf

Study of the health of people living in the vicinity of mobile phone base stations: I. Influences of distance and sex – Santini et al (2002). https://emrnetwork.org/wp-content/uploads/2018/07/santini_pathbio_eng.pdf

> In France 530 people took part. They listed up to 18 symptoms which decreased with distance from base station. This study, published in the French journal PATHOLOGIE BIOLOGIE was the first published study looking at the non-specific health symptoms of people living near cellular phone base stations. The report describes a number of effects including tiredness, headache, nausea, sleep disruption, depression, loss of memory, loss of appetite and libido decrease, and concludes that it is advisable that mobile phone base stations are not sited closer than 300m to populations. Comparisons of complaints frequencies in relation with distance from base station and sex, show significant (p 300 m or not exposed to base station, till 300 m for tiredness, 200 m for headache, sleep disturbance, discomfort, etc. 100 m for irritability, depression, loss of memory, dizziness, libido decrease, etc. Women significantly more often than men ($p<0.05$) complained of headache, nausea, loss of appetite, sleep disturbance, depression, discomfort and visual perturbations

Symptoms experienced by people near phone base stations (based on the work of Santini et al) https://www.researchgate.net/figure/Symptoms-experienced-by-people-near-cellular-phone-base-stations-based-on-the-work-of_fig2_258313941

The Influence of Being Physically Near to a Cell Phone Transmission Mast on the Incidence of Cancer 2004 https://www.kiirgusinfo.ee/wp-content/uploads/2018/07/eger_naila_2004.pdf

People living within 50-300 meter radius are in the high radiation zone and are more prone to ill effects of electromagnetic radiation https://www.scribd.com/document/68012413/Mobile-Tower-and-Mobile-Phone-Radiation-Hazards-Prof-Girish-Kumar

Compilation of Research Studies on Cell Tower Radiation and Health https://ehtrust.org/cell-towers-and-cell-antennae/compilation-of-research-studies-on-cell-tower-radiation-and-health/

Mobile Telecommunications in Kempten West,UK – Blood levels alarmingly altered 2007 http://www.next-up.org/pdf/Mobile_Telecommunications_in_Kempten_West_Blood_levels_alarmingly_altereden.pdf

Neurobehavioral effects among inhabitants around mobile phone base stations https://www.ncbi.nlm.nih.gov/pubmed/16962663 (2007)

Increased Incidence of Cancer near a Cell-Phone Transmitter Station – Wolf and Wolf , Israel 2004 https://aerzte-und-mobilfunk.eu/wp-content/uploads/2014/08/wolf_2004_increased-cancer.pdf

The Microwave Syndrome - Further Aspects of a Spanish Study (2002) https://www.researchgate.net/publication/237410769_

Significant Decrease of Clinical Symptoms after Mobile Phone Mast Station Removal – https://mdsafetech.org/wp-content/uploads/2021/10/shinjyo-t-and-shinjyo-a.-2014-significant-decrease-of-clinical-symptoms-after-mobile-phone-base-station-removal-e28093an-intervention-study.-.pdf

Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations. https://www.ncbi.nlm.nih.gov/pubmed/28777669 (2017)

> This study evaluated effects in the human blood of individuals living near mobile phone base stations (within 80 meters) compared with healthy controls (over 300 meters). The study found higher radiofrequency radiation exposures and statistically significant differences in the blood of people living closer to the cellular antennas. The group living closer to the antennas had for example, statistically significant higher frequency of micronuclei and a rise in lipid peroxidation in their blood. These changes are considered biomarkers predictive of cancer.

2011 – Mortality by neoplasia and cellular telephone base stations in the Belo Horizonte municipality, Minas Gerais state, Brazil. https://www.ncbi.nlm.nih.gov/pubmed/?term=Moreira%20CW%5BAuthor%5D&cauthor=true&cauthor_uid=21741680

Mobile Phone Base Station Tower Settings Adjacent to School Buildings: Impact on Students' Cognitive Health (2018) https://journals.sagepub.com/doi/10.1177/1557988318816914

Evidence for a health risk by RF on humans living around mobile phone base stations: From radiofrequency sickness to cancer - A Balmori 2022 https://www.sciencedirect.com/science/article/abs/pii/S0013935122011781

Cell Tower Health Effects .Electromagnetic Radiation Safety

Recent Research on Wireless Radiation and Electromagnetic Fields
https://www.saferemr.com/2022/06/recent-research-on-wireless-radiation.html

Health Effects Associated with Radio Frequency Radiation. Expert Testimony prepared by Magda Havas, B.Sc., Ph.D.

Environmental Epidemiological Study of Cancer Incidence in the Municipalities
of Hausmannstätten & Vasoldsberg 2012
https://www.eiwellspring.org/health/SteiermarkStudy2008.pdf

Electromagnetic hypersensitivity close to mobile phone base stations – a case study in Stockholm, Sweden (4G) https://www.degruyterbrill.com/document/doi/10.1515/reveh-2021-0169/html

Health and Environmental Concerns Regarding Mobile Phone Base Stations EMFWise

Kent Chamberlin PhD Wireless Health Effects: Cell Towers and 5G https://ehtrust.org/new-hampshire-state-report-on-health-and-environmental-effects-of-5g-and-wireless-radiation/

Plus 5G

Adverse health effects of 5G mobile networking technology under real-life conditions
https://www.sciencedirect.com/science/article/abs/pii/S037842742030028X

Case Report 2023: The Microwave Syndrome After Installation Of 5G Emphasizes The Need For Protection From Radiofrequency Radiation
https://www.gavinpublishers.com/assets/articles_pdf/Case-Report-The-Microwave-Syndrome-after--Installation-of-5G-Emphasizes-the-Need-for--Protection-from-Radiofrequency-Radiation.pdf

Development of the Microwave Syndrome in Two Men Shortly after Installation of 5G on the Roof above their Office - Annals of Clinical Case Reports 2023
https://www.anncaserep.com/open-access/development-of-the-microwave-syndrome-in-two-men-shortly-after-9589.pdf

Nordic Appeal: More Stringent Regulatory Framework on Microwave Radiation from Wireless Technologies is Needed - Stop Further Rollout of 5G https://acmcasereport.com/pdf/ACMCR-v10-1909.pdf

Electromagnetic fields, 5G and health: what about the precautionary principle? https://jech.bmj.com/content/75/6/562

On the Health Risks of 5G Technology https://www.radiationresearch.org/wp-content/uploads/2020/05/Prof-Tom-Butler-Submission-on-5G-RFR-Final-27-05-2020.pdf?fbclid=IwAR3pfzt2CoapFhQaEd4wJloPdFvNVs1xfMdRnC4uZCB2F4XJkVI-OHnKy24

January 2023 - 7th Scientists' 5G Appeal - The EU's illegal precedence of economy over health http://www.5gappeal.eu/wp-content/uploads/2023/02/7th-EU-5G-Appeal12-Jan-2023h.pdf

Effects on Trees, Plants, Wildlife and Environment

BEES, BIRDS AND MANKIND Destroying Nature by 'Electrosmog' https://kompetenzinitiative.com/wp-content/uploads/2019/08/ki_beesbirdsandmankind_screen.pdf

http://www.electricalpollution.com/documents/WirelessKillsTrees.pdf

Research has documented crown damage in trees from the radiation from cell towers, initially with characteristic bleaching and drying of leaf margins. Leaf and then die-off progresses across the tree from the more- to less-exposed side. https://wirelessenviroimpacts.science/trees/

Radiofrequency radiation injures trees around mobile phone base stations https://scientists4wiredtech.com/radiofrequency-radiation-injures-trees-around-mobile-phone-base-stations/

Electromagnetic Fields Impact Tree and Plant Growth 2018 https://ehtrust.org/electromagnetic-fields-impact-tree-plant-growth/

https://web.archive.org/web/20190220204849/https://www.emfresearch.com/emf-wildlife/

https://www.emfdata.org/en/study-overview?&studycategory=3&topiccategory=11&topic=67&page=1

Cell Towers Disguised as Trees Create Microplastic Pollution – An Environmental Nightmare https://ehtrust.org/cell-towers-disguised-as-trees-create-microplastic-pollution-an-environmental-nightmare/

https://es-ireland.com/environment-wildlife/