

WORKS REFERENCED

1. Aldad, T. S., Gan, G., Gao, X.-B., & Taylor, H. S. (2012). Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice. *Scientific Reports*, 2(1), 312. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3306017/>
2. Baste V, Moen BE, Oftedal G, Strand LA, Bjørge L, Mild KH. (April 2012) Pregnancy outcomes after paternal radiofrequency field exposure aboard fast patrol boats. *Journal of Occupational and Environmental Medicine*. 2012;54:431–8
DOI: 10.1097/JOM.0b013e3182445003 <https://pubmed.ncbi.nlm.nih.gov/22354128/>
3. Belyaev IY, Alipov YD, Shcheglov VS, Polunin VA, Aizenberg OA. Cooperative response of Escherichia coli cells to the resonance effect of millimeter waves at super low intensity. *Electro Magnetobiol.* 1994;13:53–66.
4. Belyaev IY, Shcheglov VS, Alipov ED, Ushakov VD. Nonthermal effects of extremely high-frequency microwaves on chromatin conformation in cells in vitro—dependence on physical, physiological, and genetic factors. *IEEE Trans Micro Theory Tech.* 2000; 48:2172–9.
5. Belyaev IY, Shcheglov VS, Alipov YD, Polunin VA. Resonance effect of millimeter waves in the power range from 10-19 to 3× 10-3 W/cm2 on Escherichia coli cells at different concentrations. *Bioelectromagnetics*. 1996;17:312–21.
6. Falcioni L, Bua L, Tibaldi E, Lauriola M, De Angelis L, Gnudi F, Mandrioli D, Manservigi M, Manservisi F, Manzoli I, Menghetti I, Montella R, Panzacchi S, Sgargi D, Strollo V, Vornoli A, Belpoggi F. Report of final results regarding brain and heart tumors in Sprague-Dawley rats exposed from prenatal life until natural death to mobile phone radiofrequency field representative of a 1.8 GHz GSM base station environmental emission. *Environ Res.* 2018 Aug;165:496-503. doi: 10.1016/j.envres.2018.01.037. Epub 2018 Mar 7. PMID: 29530389. <https://pubmed.ncbi.nlm.nih.gov/29530389/>
7. Jiang et al. *Cell & Bioscience* (2024). Acute exposure of microwave impairs attention process by activating microglial inflammation. *Cell & Bioscience* (2024) 14:2 <https://doi.org/10.1186/s13578-023-01162-9>
8. Kesari KK, Behari J. 2010. Microwave exposure affecting reproductive system in male rats. *Appl Biochem Biotechnol.* 2010 ;162:416–28.
<https://pubmed.ncbi.nlm.nih.gov/19768389/>
9. Korenstein-Ilan, Avital, Alexander Barbul, Pini Hasin, Alon Eliran, Avraham Gover, and Rafi Korenstein. 2008. "Terahertz Radiation Increases Genomic Instability in Human Lymphocytes," *Radiation Research* 170(2), 224-234, (1 August 2008). <https://doi.org/10.1667/RR0944.1>. <https://pubmed.ncbi.nlm.nih.gov/18666810/>
10. Mageroy N, Mollerlokkken OJ, Riise T, Koefoed V, Moen BE. A higher risk of congenital anomalies in the offspring of personnel who served aboard a Norwegian missile torpedo boat. *Occup Environ Med.* 2006;63:92–7.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2078078/>
11. Marconi A, Tasteyre A, de Seze R, Fogel P, Simoneau G, Conti M, Sarbach C, Young SS, Gilbert J-E, Thomas Y. 2015. Multivariate Entropy Analysis of Oxidative Stress Biomarkers Following Mobile Phone Exposure of Human Volunteers: A Pilot Study *Journal Scientific Exploration.* 29 (3): 449-465, 2015.

12. Markovà E, Hillert L, Malmgren L, Persson BR, Belyaev IY. Microwaves from GSM mobile telephones affect 53BP1 and gamma-H2AX foci in human lymphocytes from hypersensitive and healthy persons. *Environ Health Perspect.* 2005 Sep;113(9):1172-7. doi: 10.1289/ehp.7561. PMID: 16140623; PMCID: PMC1280397.
<https://pubmed.ncbi.nlm.nih.gov/16140623/>
13. Møllerløkken OJ, Moen BE. Is fertility reduced among men exposed to radiofrequency fields in the Norwegian Navy? *Bioelectromagnetics.* 2008;29:345–52.
14. NTP. *Technical Report on the Toxicology and Carcinogenesis Studies in Hsd:Sprague Dawley SD Rats Exposed to Whole-Body Radio Frequency Radiation at a Frequency (900 MHz) and Modulations (GSM and CDMA) Used by Cell Phones.* National Toxicology Program; Bethesda, MA, USA: 2018.
https://ntp.niehs.nih.gov/sites/default/files/ntp/htdocs/lt_rpts/tr595_508.pdf
15. NTP. *Technical Report on the Toxicology and Carcinogenesis Studies in P6C3F1/N Mice Exposed to Full Body Radiofrequency Radiation at a Frequency (1900 MHz)* National Toxicology Program; Bethesda, MA, USA: 2018.
https://www.ncbi.nlm.nih.gov/books/NBK564537/pdf/Bookshelf_NBK564537.pdf
16. Ntzouni MP, Stamatakis A, Stylianopoulou F, Margaritis LH. Short-term memory in mice is affected by mobile phone radiation. *Pathophysiology.* 2011 Jun;18(3):193-9. doi: 10.1016/j.pathophys.2010.11.001. Epub 2010 Nov 26. PMID: 21112192.
17. Pakhomov AG, Prol HK, Mathur SP, Akyel Y, Campbell CB. Role of field intensity in the biological effectiveness of millimeter waves at a resonance frequency. *Bioelectrochem Bioenerg.* 1997;43:27–33.
18. Pakhomov AG, Prol HK, Mathur SP, Akyel Y, Campbell CB. Search for frequency-specific effects of millimeter-wave radiation on isolated nerve function. *Bioelectromagnetics.* 1997;18:324–34.
19. Pikov, V., et al. (July 19, 2010). Modulation of neuronal activity and plasma membrane properties with low-power millimeter waves in organotypic cortical slices. *Journal of Neural Engineering.* Vol 7, 4. 7 045003DOI 10.1088/1741-2560/7/4/045003
<https://pubmed.ncbi.nlm.nih.gov/20644247/>
20. Rago, R., Salacone, P., Caponecchia, L. et al. The semen quality of the mobile phone users. *J Endocrinol Invest* 36, 970–974 (2013). <https://doi.org/10.3275/8996>
21. Saili L, Hamini A, Smirani C, Azzouz I, Azzouz A, Sakly M, Abdelmelek H, Bouslama Z. (2015) Effects of acute exposure to WIFI signals (2.45GHz) on heart variability and blood pressure in Albinos rabbit. *Environ Toxicol Pharmacol.* 2015 Sep;40(2):600-5. doi: 10.1016/j.etap.2015.08.015. Epub 2015 Aug 17. PMID: 26356390.
<https://pubmed.ncbi.nlm.nih.gov/26356390/>
22. Sarimov, R, L. O. G. Malmgren, E. Markova, B. R. R. Persson and I. Y. Belyaev, "Nonthermal GSM microwaves affect chromatin conformation in human lymphocytes similar to heat shock," in *IEEE Transactions on Plasma Science*, vol. 32, no. 4, pp. 1600-1608, Aug. 2004, doi: 10.1109/TPS.2004.832613.
23. Smith-Roe, S.L., Wyde, M.E., Stout, M.D., Winters, J.W., Hobbs, C.A., Shepard, K.G., Green, A.S., Kissling, G.E., Shockley, K.R., Tice, R.R., Bucher, J.R. and Witt, K.L. (2020), Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure. *Environ Mol Mutagen,* 61: 276-290. <https://doi-org.proxy.library.upenn.edu/10.1002/em.22343>

24. Türedi, Sibel, and Hatice Hancı, Zehra Topal, Deniz Ünal, Tolga Mercantepe, İlyas Bozkurt, Haydar Kaya & Ersan Odacı (2015) The effects of prenatal exposure to a 900-MHz electromagnetic field on the 21-day-old male rat heart, Electromagnetic Biology and Medicine, 34:4, 390-397, DOI: 10.3109/15368378.2014.952742
25. Wang, H., Liu, Y., Sun, Y. *et al.* Changes in cognitive function, synaptic structure and protein expression after long-term exposure to 2.856 and 9.375 GHz microwaves. *Cell Commun Signal* 21, 34 (2023). <https://doi.org/10.1186/s12964-022-01011-1>
26. Wang, H., Liu, Y., Sun, Y. *et al.* Changes in cognitive function, synaptic structure and protein expression after long-term exposure to 2.856 and 9.375 GHz microwaves. *Cell Commun Signal* 21, 34 (2023). <https://doi.org/10.1186/s12964-022-01011-1>
27. Zwamborn APM, Vossen SHJ, van Leersum BJA, Ouwens MA, Makel WN. (2003) Effects of Global Communication system radio-frequency fields on Well Being and Cognitive Functions of human subjects with and without subjective complaints. Netherleands Organisation for Applied Scientific Research (TNO), TNO report, FEL-03-C148: 1-89