PDFs of Scientific Research documenting health impacts of Modulated Radiofrequency / Microwave Radiation (RF/MV Radiation):

2026

- A review of potential health risks of radiofrequency electromagnetic field exposure from mobile phones and base stations in children and pregnant women
- Chronic paternal Wi-Fi RF-EMR exposure impairs placental efficiency and fetal growth: Association with sex-dependent histone modification patterns in mice
- Impact of ELF EMF exposure on sleep quality and mental health in a Tunisian power plant: a cross-sectional study
- Prenatal 3.5 GHz radiofrequency exposure induces renal histological changes and DNA damage in 6-month-old rats
- Testicular heat-shock protein expression in rats following 3.5 GHz and 24 GHz RF-EMF exposure
- Radiofrequency fields at 2.45 GHz reprogram mitochondria–lysosome crosstalk and modulate the survival/death of macrophages exposed to LPS and/or the SARS-CoV-2 Spike Protein
- Environmental and auto-induced RF-EMF adult and children far-field exposure simulations between 450 MHz and 26 GHz
- Interpretation of epidemiological studies on the relationship between mobile phone use and cancer
- Disruptive effects of brief radiofrequency noise exposure on migratory bat navigation

- The Effect of 2.45 GHz Radiofrequency Electromagnetic Radiation on Components of the Hypothalamic-Pituitary-Gonadal Axis in Male Rats

2025

- Hypothesis: ultrasonography can document dynamic *in vivo* rouleaux formation due to mobile phone exposure
- Effects of 5G frequencies on sperm parameters, mating success, and offspring outcomes in rats
- Impairment of Oogenesis and Folliculogenesis in Neonatal Rats after Maternal Exposure to Mobile Phones
- Health and safety practices and policies concerning human exposure to RF/microwave radiation

- Effects of radiofrequency electromagnetic field exposure on cancer in laboratory animal studies, a systematic review
- The WHO-commissioned systematic reviews on health effects of radiofrequency radiation provide no assurance of safety
- Radiofrequency radiation from mobile phones and the risk of breast cancer: A multicenter case–control study with an additional suspected comparison group

2024

- Mobile phone specific radiation disturbs cytokinesis and causes cell death but not acute chromosomal damage in buccal cells: Results of a controlled human intervention study
- Investigation of the Adverse Health Effects of Cell Phone Radiation and Propose Solutions to Minimize Them: A Systematic Review

2023

- Cellular and molecular effects of non-ionizing electromagnetic fields
- Effect of Radiofrequency Electromagnetic Radiation Emitted by Modern Cellphones on Sperm Motility and Viability: An In Vitro Study
- Impacts of Radio-Frequency Electromagnetic Field (RF-EMF) on Lettuce (*Lactuca sativa*)—Evidence for RF-EMF Interference with Plant Stress Responses
- A primary study on rat fetal development and brain-derived neurotrophic factor levels under the control of electromagnetic fields

2022

- Scientific evidence invalidates health assumptions underlying the FCC and ICNIRP exposure limit determinations for radiofrequency radiation: implications for 5G
- Wireless technology is an environmental stressor requiring new understanding and approaches in health care
- Immune Responses to Multi-Frequencies of 1.5 GHz and 4.3 GHz Microwave Exposure in Rats: Transcriptomic and Proteomic Analysis
- Effect of RFEMR on NSE and MDA levels in Sprague Dawley rats
- Effect of mobile phone usage duration during pregnancy on the general motor movements of infants

2021

- Health impact of 5G: Current state of knowledge of 5G related carcinogenic and reproductive/developmental hazards as they emerge from epidemiological studies and in vivo experimental studies (European Parliament)
- An Exploration of the Effects of Radiofrequency Radiation Emitted by Mobile Phones and Extremely Low Frequency Radiation on Thyroid Hormones and Thyroid Gland Histopathology
- Amelioration of Cell Phone and Wi Fi induced Pancreatic Damage and Hyperglycemia (Diabetes Mellitus) with Pomegranate and Vit E in Rats

- Development of health-based exposure limits for radiofrequency radiation from wireless devices using a benchmark dose approach
- Effects of non-ionizing electromagnetic fields on flora and fauna, Part 1: Rising ambient EMF levels in the environment
- Effects of non-ionizing electromagnetic fields on flora and fauna, Part 2: Impacts—How species interact with natural and man-made EMF

Other Significant Research on Health Impacts of Wireless Radiation and EMFs

2020

- Health effects of electromagnetic fields on children
- Exposure of Radiofrequency Electromagnetic Radiation on Biochemical and Pathological Alterations
- Genetic effects of non-ionizing electromagnetic fields
- Exposure to cell phones reduces heart rate variability in both normal-weight and obese normotensive medical students
- Assessment of electromagnetic fields, vibration and sound exposure effects from multiple transceiver mobile phones on oxidative stress levels in serum, brain and heart tissue

2019

- Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices
- Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure

2018

- Monitoring of BALB/C strain mice health, investigation of behavior, hematological parameters under the effect of an electromagnetic field
- Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective

2017

- Long-term exposure to 835 MHz RF-EMF induces hyperactivity, autophagy and demyelination in the cortical neurons of mice

2015

- Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans
- Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation