

Does EMF damage tissue which becomes antigenic?
 Does EMF alter the way damaged cells attract responses?
 Does EMF alter the function of immune response cells?
 Does EMF alter membrane permeability so antigens penetrate tissues?
 Does EMF deplete genetic and cellular repair mechanisms or divert them?

"GAME CHANGING" STUDY
BIOINITIATIVE REVIEW
NTP: CELLPHONES, CANCER

BIOINITIATIVE REPORT 2012
 IMMUNE SYSTEM EFFECTS
 BRAIN TUMORS
 CHILDHOOD CANCERS
 BREAST CANCER

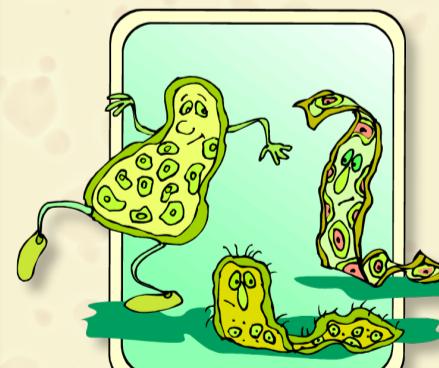
IMMUNE EFFECTS OF EMF

Allergic responses
 Disturbance in sleep repair functions
 Penetration of membrane barriers
 Increased stress hormones
 Antigenic structural expression
 Inflammatory responses
 Less effective DNA repair
 Increased allostatic load
 Free radical injuries
 Increased macrophage activation
 Altered calcium signaling
 Altered gene expression
 Blood cell parameter changes
 Decreased natural killer cell function

Home: [Oscillatorium](#)
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 Date of this update: 03-23-20

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EMF, CANCER OVERVIEWS AND OTHER EFFECTS IN THE IMMUNE SYSTEM

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 IMMUNE SYSTEM DISTURBANCE

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 EMF AND CANCER

★ SEE MAP ON 5G

VIDEO: EMF AND CANCER

EMF, CANCER PROMOTION

CANCER AND EMF

- [Brain tumors](#)
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- ★ Parotid tumors**
- ★ Adrenal tumors**
- [Childhood leukemia](#)
- [Malignant melanoma](#)
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- [Non-Hodgkin lymphoma](#)

EMF Studies

[EMF, cellular damage](#)
[RF, acoustic neuroma](#)
[EMF, calcium signaling](#)
[ELF, childhood leukemia](#)
[MF, childhood leukemia](#)
[MW, immunologic effects](#)
[MF, inflammatory cytokines](#)
[RF, vestibular schwannoma](#)
[RF, phagocytosis, chemotaxis](#)
[Mobile phones, parotid tumors](#)
[ELF, NADPH, immune system](#)
[EMF exposure, human disease](#)
[Mobile phones, pituitary tumors](#)
[RF, enzyme function, leukemias](#)
[RF, interaction with lymphocytes](#)
[MF, decreased NK cell activities](#)
[EMF, multiple effects, exposures](#)
[Powerlines, bio-effects, leukemia](#)
[ELF, Europe, childhood leukemia](#)
[RF, downregulated T-helper cells](#)
[ELF, macrophage activation, rats](#)
[RF, glioblastoma, reduced survival](#)
[ELF, immune effects, rainbow trout](#)
[EMF, breast cancer meta-analysis](#)
[EMF, immune function in operators](#)
[MW/RF, bio-effects, immune function](#)
[ELF, multiple effects, immune effects](#)
[RF, prenatal dev., thymus, spleen, rat](#)
[MF-ELF, endocrine/immune responses](#)
[EMF/RFR, immune system in autism, I](#)
[Meta-analysis, ELM, pooled cancer risk](#)
[EMF/RFR, immune system in autism, II](#)
[EMR, blood indices of immune function](#)
[MF, calcium signaling, immune function](#)
[ELF, macrophage activation, hypothesis](#)
[Mobile phone EMF, thyrocyte proliferation](#)
[EMF-ELF, genetic, other immune changes](#)
[EMF-ELF, bacteria, suppression of caspase-9](#)
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[Wireless phones, case studies, glioma, Sweden](#)
[Amateur radio operators, acute myeloid leukemia](#)
[Wireless phones, decreased survival, glioblastoma](#)
[Sub-thermal RF, changes in thymus activity, structure](#)

New Studies

★ RF, macrophage dysfunction
★ NTP Study, Cellphones, Cancer
★ EMF, disturbance of immune system
★ Mobile phones, gliomas, meta-analysis
★ EMF, cellphones, caller, auto-immunity
★ Electrosog and Autoimmune disease
★ EMF, immune system, calcium signaling
★ Cell antennas, blood and immune system
★ 1.8 GHz, immune, stress dysfunction, rats
★ EMF, calcineurin, opportunistic infection risk
★ Mobile, cordless phones, brain tumors, Sweden
★ Mobile phone use compromises, immune system
★ Mobile phones, glioma distribution, INTERPHONE

EMF AND PANDEMICS:
★ DR. ARTHUR FIRSTENBERG
THE INVISIBLE RAINBOW

EMF AND THE IMMUNE SYSTEM:
★ DR. MAGDA HAVAS
5G AND CORONAVIRUS CONNECTION?

EMF Articles



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[Carcinogenicity: Evidence Mounts](#)
[Dr. Oz: Keep cellphone out of bra](#)
★ Weak magnetic fields and cancer
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