

Current US/international safety guidelines only based on thermal (heating) effects, even though many non-thermal effects occur at levels many orders of magnitude lower.

*Examples of non-thermal biological effects:*

**1. Lowered fertility (25 different reviews).**

Changes in structure of testis, ovaries; lowered sperm count, motility, quality; lowered number of follicles (eggs), increased spontaneous abortion, lowered levels of 3 sex hormones, lowered libido

**2. Neurological/Neuropsychiatric effects (29 reviews)**

Insomnia, fatigue, depression, headache, lack of concentration/cognitive dysfunction, anxiety/stress agitation, memory dysfunction, tinnitus, etc. Major brain structure changes seen in animals.

**3. Cellular DNA damage, 3 types (24 reviews)**

Single & double DNA breaks, oxidized bases (8-HOdG); cause both cancer and germline mutations

**4. Apoptosis, programmed cell death (15 reviews)**

Lead to both reproductive and neurodegenerative effects

5. Oxidative stress, free radical damage (25 reviews)

6. Endocrine (hormonal effects) (15 different reviews).

Both non-steroid and steroid hormones systems affected; in some cases EMFs can produce both increased and decreased hormone activity under different conditions.

7. Excessive intracellular calcium  $[Ca^{2+}]_i$  (16 reviews)

Underlying cause of almost everything else.

8. Cancer (38 reviews)

Increases initiation of carcinogenesis, tumor promotion and progression, including increased tissue invasion and metastasis

9. Cardiac effects via electrical control of heart (9 reviews).

Tachycardia; chronic exposures can lead to bradycardia; both cause arrhythmia; also get heart palpitations.

**TOTAL of 197 bodies of evidence, each demonstrating a specific type of non-thermal effect.**

Hier kun je toch met z'n allen niet met droge ogen van beweren dat het allemaal onzin is?  
Zeker omdat het niet onzin kramerij is, maar alle negen punten worden bewezen door meerdere reviews !!

We vernietigen ons zelf als species door dit op deze manier door te zetten !!