Austria: GSM base stations: Short-term effects on well-being, Augner et al., *Bioelectromagnetics*, Published Online: 19 Sep 2008.

'...Participants in scenarios HM and MH (high and medium exposure) were significantly calmer during those sessions than participants in scenario LL (low exposure throughout)...However, no significant differences between exposure scenarios in the "good mood" or "alertness" factors were obtained. We conclude that short-term exposure to GSM base station signals may have an impact on well-being by reducing psychological arousal.'


'...The results show that concerns about EMF did not decrease with time in spite of scientific studies and health risk assessments concluding that a causal relationship of EMF below recommended reference levels and non-specific health symptoms would be implausible.'


'...recent large-scale systematic studies in Korea and Germany show no association between exposure to radio frequency electromagnetic fields emitted from broadcast towers and childhood leukaemia risk. Studies on mobile phone use and leukaemia risk in adolescents and young adults may be indicated.'

Finland: Radiofrequency radiation does not significantly affect ornithine decarboxylase activity, proliferation, or caspase-3 activity of fibroblasts in different physiological conditions, Höytö et al., *International Journal of Radiation Biology*, 84(9):727 - 733, 2008.

'...The results did not support effects on the endpoints studied. Furthermore, stressed and stimulated cells were not more sensitive than normal cells to possible RF radiation-induced effects.'


'...The odds ratio for all types of leukemia was 1.04 (95% confidence interval: 0.65, 1.67) among children living within 2 km of the nearest broadcast transmitter compared with those living at a distance of 10-<15 km. The data did not show any elevated risks of childhood leukemia associated with RF-EMFs.'

'...The results of our study suggest that chronic (45 d), intermittent (2 h/d) amplitude modulated RF field exposure to the peripubertal rat increases the emotional component of phasic pain over a basal equalgesic state, while late response to tonic pain is decreased...'


'...The measurement of the emf levels in the NCI is recommended because of the presence of the oncological patients; their long stay near the equipments and their day-long exposure represent additional risk factors for which a prudent avoidance strategy have to be adopted.'

Italy: HSP70 Expression in Human Trophoblast Cells Exposed to Different 1.8 GHz Mobile Phone Signals, Franzellitti, Radiation Research, 170(4):488-497, October 2008.

'...The present results suggest that the expression analysis for multiple transcripts, though encoding the same or similar protein products, can be highly informative and may account for subtle changes not detected at the protein level.'


'...These results indicate that the alterations in cell proliferation, cell cycle progression, DNA integrity or global gene expression was not detected upon 1763 MHz RF radiation under 10 W/kg SAR for 24 h to Jurkat T cells.'


'...Albumin extravazation and also its uptake into neurons was seen to be enhanced after 14 d...but not after a 28 d recovery period. The occurrence of dark neurons in the rat brains, on the other hand, was enhanced later, after 28 d...'


'...As well as investigating the general differences through this frequency range, particular emphasis was placed on the assumptions of how dielectric properties are assigned to tissues (particularly skin and fat) and the consequence of using different algorithms for calculating SAR at the higher frequencies.'


'...The provision of accurate feedback was insufficient to change attributions or reduce symptoms in this study. However, an overtly negative reaction to feedback was not observed among most participants, and some participants
were willing to consider that factors other than electromagnetic field may be relevant in causing or exacerbating their symptoms. Discussing possible psychological factors with electromagnetic hypersensitivity patients may be beneficial for some.'

**USA:** Exposure Assessment And Other Challenges In Non-Ionising Radiation Studies Of Childhood Leukaemia, *Kheifets et al., Radiation Protection Dosimetry*, Published Online: 21 October 2008.

'...An exposure assessment methodology for residential radiofrequency fields is still in its infancy. Rapid changes in technology and exponential increases in its use make exposure assessment more difficult and urgent.'


'...We now have a history of more than 50 years of searching for low-level nonthermal radio frequency (RF) effects on biological systems. An analysis of this database and an evaluation of the proposed mechanism of interactions suggest that the probability of finding such effects between the frequencies of 100 MHz and 150 GHz is vanishingly small and that most likely, such effects do not exist between 10 MHz and 200 GHz...'

**USA:** Setting prudent public health policy for electromagnetic field exposures, *Carpenter et al, Reviews on Environmental Health*, 23(2):91-117, April-June 2008.

'...Nevertheless, regardless of whether the associations are causal, the strengths of the associations are sufficiently strong that in the opinion of the authors, taking action to reduce exposures is imperative, especially for the fetus and children. Inaction is not compatible with the Precautionary Principle, as enunciated by the Rio Declaration...'

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The GSM Association (GSMA) is the global trade association that exists to promote, protect and enhance the interests of GSM mobile operators throughout the world. [http://www.gsmworld.com/health](http://www.gsmworld.com/health)

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