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Details

**Belgium:** Genetic damage in subjects exposed to radiofrequency radiation, **Verschaeve,** *Mutation Research/Reviews in Mutation Research,* 681(2-3):259-270, March-June 2009.

'...most of the studies, if not all, have a number of shortcomings that actually prevents any firm conclusion. Radiation dosimetry was lacking in all papers, but some of the investigations were flawed by much more severe imperfections. Large well-coordinated multidisciplinary investigations are needed in order to reach any robust conclusion.'

**Denmark:** Risks for Central Nervous System Diseases among Mobile Phone Subscribers: A Danish Retrospective Cohort Study, **Schüz et al.,** *PLoS ONE,* 4(2):e4389, February 5, 2009.

'...the excesses of migraine and vertigo observed in this first study on cellular telephones and CNS disease deserve further attention. An interplay of a healthy cohort effect and reversed causation bias due to prodromal symptoms impedes detection of a possible association with dementia and Parkinson disease. Identification of the factors that result in a healthy cohort might be of interest for elucidation of the etiology of these diseases.'

**Finland:** Preattentive auditory information processing under exposure to the 902 MHz GSM mobile phone electromagnetic field: A mismatch negativity (MMN) study, **Kwon et al.,** *Bioelectromagnetics,* 9999(9999):n/a, Published Online: 12 Jan 2009.

'...In the present study, we found no conclusive evidence that acute exposure to GSM mobile phone EMF affects cortical auditory change detection processing reflected by the MMN.'

**Finland:** Specific absorption rate and electric field measurements in the near field of six mobile phone base station antennas, **Toivonen et al.,** *Bioelectromagnetics,* Published Online: 4 Feb 2009.

'...These results show that the electric field measurement alone can be used for easy compliance check for the local exposure at all distances and for all antenna types studied...these results can not be generalized to all antenna types. Moreover, it was shown that the limit for localized exposure could be exceeded before the limit for the whole-body average SAR, if the distance to the antenna was less than 240 mm.'

**Germany:** Temperature-controlled exposure systems for investigating possible changes of retinal ganglion cell activity in response to high-frequency electromagnetic fields, **Ahlers et al.,** *Radiation and Environmental Biophysics,* January 14, 2009.

'...Two exposure systems were developed for the measurement of retinal ganglion cell responses to light under the influence of pulsed high-frequency
electromagnetic fields. Exposure characteristics were determined numerically for the GSM standards (900/1,800 MHz) and the UMTS standard (1,966 MHz) with specific absorption rates, averaged over the region of interest, of 0.02, 0.2, 2 and 20 Wkg\(^{-1}\)…'

**Germany:** Personal exposure to mobile communication networks and well-being in children - A statistical analysis based on a functional approach, Kühnlein et al., *Bioelectromagnetics*, Published Online: 29 Jan 2009.

'…No association between the categorized exposure and well-being was observed in logistic regression models. The functional classification approach yielded a plausible partition of the exposure data. The comparability with the standard approach might be due to the data structure and should not be generalized to other exposures.'

**Sweden:** Apparent decreases in Swedish public health indicators after 1997—Are they due to improved diagnostics or to environmental factors? , Hallberg et al., *Pathophysiology*, Available online 10 February 2009.

'…not likely to be explained only by improved diagnostics but physical causes need immediately to be searched for. A connection with the increasing exposure of the population to GHz radiation from mobile phones, base stations and other communication technologies cannot be ruled out.'

**Turkey:** Thermal effects of mobile phones on facial nerves and surrounding soft tissue, Acar et al., *The Laryngoscope*, Published Online: 21 Jan 2009.

'…The average temperature of the surrounding soft tissues was 0.39 K higher than the preexposure values during the exposure and immediately after turning off the mobile phone, and decreased to normal levels 25 minutes after the exposure, which was statistically significant…The RFR emitted from a mobile phone can cause temporary FN dysfunction that can be due to temporary temperature increase in the soft tissue around the FN.'

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The MMF is an international association of wireless communications manufacturers established to support scientific research in relation to mobile telephony and health [www.mmfai.info](http://www.mmfai.info)

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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