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‘...Total melatonin metabolite output (concentration \times urine volume) was unchanged between the two exposure conditions...Total nighttime melatonin output is unchanged by mobile phone handset emissions, but there could be an effect on melatonin onset time.’

Belgium: Cytogenetic investigation of subjects professionally exposed to radiofrequency radiation, Maes et al, Mutagenesis, Published Online 15 February 2006.

‘...The alkaline comet assay, sister chromatid exchange (SCE) and chromosome aberration tests revealed no evidence of RFR-induced genetic effects. No cooperative action was found between the electromagnetic field exposure and the mutagen using either the comet assay or SCE test.’


‘...The analyses suggest that increasing the value of dielectric parameters does not necessarily mean that volume-averaged SAR would increase....The thickness and composition of different tissue layers in the exposed regions within the human head play a more significant role in SAR variation compared to the variations (5-20%) of the tissue dielectric parameters.’


‘...Volunteer subjects recalled their recent phone use with moderate systematic error and substantial random error. This large random error can be expected to reduce the power of the Interphone study to detect an increase in risk of brain, acoustic nerve, and parotid gland tumours with increasing mobile phone use, if one exists.’


‘...No evidence was found that RF radiation serves as a tumor promoter for skin tumors. Our data suggests that 849 MHz and 1,763 MHz RF radiations, similar to those emitted from mobile phones, do not have any promoting effect on skin
tumor development in DMBA-initiated mice.’


‘...In the multivariate analysis all phone types increased the risk. Regarding digital phones OR= 3.7, 95% CI=1.5-9.1 and cordless phones OR=2.1, 95% CI=0.97-4.6 were calculated for malignant brain tumours for subjects with first use <20 years of age, higher than in older persons...Increased risk was obtained for both cellular and cordless phones, highest in the group with >10 years latency period.’

Sweden: Exposure of rat brain to 915 MHz GSM microwaves induces changes in gene expression but not double stranded DNA breaks or effects on chromatin conformation, Belyaev et al, Bioelectromagnetics, Published Online 1 March 2006.

‘...(SAR) 0.4 mW/g... The data shows that GSM MWs at 915 MHz did not induce PFGE-detectable DNA double stranded breaks or changes in chromatin conformation, but affected expression of genes in rat brain cells.’


‘...The trends in acoustic neuroma are most likely explained by changes in reporting and diagnosis. However, given the long latency, we are still at an early stage in observing possible health effects associated with cellular telephones...’

UK: Are some people sensitive to mobile phone signals? Within participants double blind randomised provocation study, Rubin et al, British Medical Journal, Published 6 March 2006.

‘...The proportion of sensitive participants who believed a signal was present during GSM exposure (60%) was similar to the proportion who believed one was present during sham exposure (63%)...No evidence was found to indicate that people with self reported sensitivity to mobile phone signals are able to detect such signals or that they react to them with increased symptom severity.’


‘...There are many animal studies that show that electromagnetic waves have a wide range of damaging effects on the male reproductive system and sperm parameters. However, large controlled studies are required before confirming such possible effects on male fertility.’

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