

Literaturliste WBF EXPERTENFORUM 08

- Abdel-Rassoul G., Abou El-Fateh O., Abou Salem M., Michael A., Farahat F., El-Batanouny M., Salem E. (2007): Neurobehavioral effects among inhabitants around mobile phone base stations. *Neurotoxicology*, Vol. 28 (2), March 2007, pp. 434-440
- Agarwal A., Prabakaran S. A., Ranga G., Sundaram R. K., Sharma R. K., Sikka S. C. (2006): Relationship between cell phone use and human fertility: An observation study. *Fertility and Sterility*, Vol. 86, 2006, pp. 283; Paper presented at the 62nd Annual Meeting of the American Society for Reproductive Medicine
- Arnetz B. B., Akerstedt T., Hillert L., Lowden A., Kuster N., Wiholm C. (2007): The effects of 884 MHz GSM wireless communication signals on self-reported symptom and sleep (EEG) - an experimental provocation study. *PIERS Online*, Vol. 3 (7), 2007, pp. 1148-1150
- Arns M., Van Luijtelaar G., Sumich A., Hamilton R., Gordon E. (2007): Electroencephalographic, personality, and executive function measures associated with frequent mobile phone use. *International Journal of Neuroscience*, Vol. 117 (9), September 2007, pp. 1341-1360
- Atlasz T., Kellényi L., Kovács P., Babai N., Thuróczy G., Hejje L., Hernádi I. (2006): The application of surface plethysmography for heart rate variability analysis after GSM radiofrequency exposure. *Journal of Biochemical and Biophysical Methods*, Vol. 69 (1-2), November 2006, pp. 233-236
- Bamiou D.-E., Ceranic B., Cox R., Watt H., Chadwick Ph., Luxon L. M. (2007): Mobile telephone use effects on peripheral audiovestibular function: A case-control study. *Bioelectromagnetics*, published online, October 2007
- Barker A. T., Jackson P. R., Parry H., Coulton L. A., Cook G. G., Wood St. M. (2007): The effect of GSM and TETRA mobile handset signals on blood pressure, catechol levels and heart rate variability. *Bioelectromagnetics*, Vol. 28 (6), September 2007, pp. 433-438
- Barth A., Winker R., Ponocny-Seliger E., Mayrhofer W., Ponocny I., Sauter C., Vana N. (2007): A meta-analysis for neurobehavioral effects due to electromagnetic field exposure emitted by GSM mobile phones. *Occupational and Environmental Medicine (eOEM)*, published online, October 2007
- Boutry C. M., Kuehn S., Achermann P., Romann A., Keshvari J., Kuster N. (2008, published online 2007): Dosimetric evaluation and comparison of different RF exposure apparatuses used in human volunteer studies. *Bioelectromagnetics*, published online, August 2007; *Bioelectromagnetics (journal)* Vol. 29 (1), January 2008, pp. 11-19
- Cardis E., Richardson L., Deltour I., Armstrong B., Feychting M., Johansen Ch., Kilkenney M., McKinney P., Modan B., Sadetzki S., Schüz J., Swerdlow A., Vrijheid M., Auvinen A., Berg G., Blettner M.,

- Bowman J., Brown J., Chetrit A., Collatz Christensen H., Cook A., Hepworth S., Giles G., Hours M., Iavarone I., Jarus-Hakak A., Klæboe L., Krewski D., Lagorio S., Lönn St., Mann S., McBride M., Muir K., Nadon L., Parent M.-E., Pearce N., Salminen T., Schoemaker M., Schlehofer B., Siemiatycki J., Taki M., Takebayashi T., Tynes T., Van Tongeren M., Vecchia P., Wiart J., Woodward A., Yamaguchi N. (2007): The INTERPHONE study: design, epidemiological methods, and description of the study population. *European Journal of Epidemiology*, Vol. 22 (9), September 2007, pp. 647-664
- Cinel C., Boldini A., Russo R., Fox E. (2007): Effects of mobile phone electromagnetic fields on an auditory order threshold task. *Bioelectromagnetics*, Vol. 28 (6), September 2007, pp. 493-496
 - Croft R. J., Hamblin D. L., Spong J., Wood A. W., McKenzie R. J., Stough C. (2007): The effect of mobile phone electromagnetic fields on the alpha rhythm of human electroencephalogram. *Bioelectromagnetics*, published online, September 2007
 - Eltiti St., Wallace D., Ridgewell A., Zougkou K., Russo R., Sepulveda F., Mirshekar-Syahkal D., Rasor P., Deeble R., Fox E. (2007): Does short-term exposure to mobile phone base station signals increase symptoms in individuals who report sensitivity to electromagnetic fields? A double-blind randomized provocation study. *Environmental Health Perspectives (ehp)*, Vol. 115 (11), November 2007, pp. 1603-1608
 - Eroglu O., Oztas E., Yildirim I., Kir T., Aydur E., Komesli G., Irkilata H. C., Irmak M. K., Peker A. F. (2006): Effects of Electromagnetic Radiation from a Cellular Phone on Human Sperm Motility: An In Vitro Study. *Archives of Medical Research* 37 (2006) 840 -843
 - Ferreri F., Curcio G., Pasqualetti P., De Gennaro L., Fini R., Rossini P. M. (2006): Mobile phone emissions and human brain excitability. *Annals of Neurology*, Vol. 60 (2), August 2006, pp. 188-196
 - Flyckt V. M. M., Raaymakers B. W., Kroeze H., Lagendijk J. J. W. (2007): Calculation of SAR and temperature rise in a high-resolution vascularized model of the human eye and orbit when exposed to a dipole antenna at 900, 1500 and 1800 MHz. *Physics in Medicine and Biology*, Vol. 52 (10), May 2007, pp. 2691-2701
 - Fritzer G., Göder R., Friege L., Wachter J., Hansen V., Hinze-Selch D., Aldenhoff J. B. (2007): Effects of short- and long-term pulsed radiofrequency electromagnetic fields on night sleep and cognitive functions in healthy subjects. *Bioelectromagnetics*, Vol. 28 (5), May 2007, pp. 316-325
 - Haarala Ch., Takio F., Rintee T., Laine M., Koivisto M., Revonsuo A., Hämäläinen H. (2007): Pulsed and continuous wave mobile phone exposure over left versus right hemisphere: Effects on human cognitive function. *Bioelectromagnetics*, Vol. 28 (4), May 2007, pp. 289-295

- Hallberg O. (2007): Adverse health indicators correlating with sparsely populated areas in Sweden. *European Journal of Cancer Prevention*, Vol. 16 (1), February 2007, pp. 71-76
- Hardell L, Carlberg M., Ohlson C.-G., Westberg H., Eriksson M, Hansson Mild K. (2007): Use of cellular and cordless telephones and risk of testicular cancer. *International Journal of Andrology*, Vol. 30 (2), April 2007, pp. 115-122
- Hardell L., Carlberg M., Hansson Mild K. (2006): Pooled analysis of two case-control studies on use of cellular and cordless telephones and the risk for malignant brain tumours diagnosed in 1997-2003. *International Archives of Occupational and Environmental Health*, Vol. 79 (8), September 2006, pp. 630-639
- Hardell L., Carlberg M., Söderqvist F., Hansson Mild K., Morgan L. L. (2007): Long-term use of cellular phones and brain tumours: increased risk associated with use for ³ 10 years. *Occupational and Environmental Medicine*, Vol. 64 (9), September 2007, pp. 626-632
- Heinrich S., Ossig A., Schlittmeier S., Hellbrück J. (2007): Elektromagnetische Felder einer UMTS-Mobilfunkbasisstation und mögliche Auswirkungen auf die Befindlichkeit – eine experimentelle Felduntersuchung. *Umweltmedizin in Forschung und Praxis*, Vol. 12 (3), 2007, pp. 171-180
- Hillert L., Åkerstedt T., Lowden A., Wiholm C., Kuster N., Ebert S., Boutry C., Moffat S. D., Berg M., Birger Arnetz B. (2007): The effects of 884 MHz GSM wireless communication signals on headache and other symptoms: An experimental provocation study. *Bioelectromagnetics*, published online, November 2007
- Hours M., Montestrucq L., Arslan M., Bernard M., Bergeret A., Deltour I., Cardis E. (2007): Téléphone mobile, risque de tumeurs cérébrales et du nerf vestibuloacoustique: l'étude cas-témoins Interphone en France. *Revue d'Epidémiologie et de Santé Publique*, Vol. 55, 2007
- Hours M., Montestrucq L., Arslan M., Bernard M., El Hadjimoussa M., Vrijheid M., Deltour I., Cardis E. (2007): Validation des outils utilisés pour la mesure de la consommation téléphonique mobile dans l'étude Interphone en France. *Environnement, Risque & Santé*, Vol. 6 (2), March 2007, pp. 101-109
- Hung Ch.-S., Anderson C., Horne J. A., McEvoy P. (2007): Mobile phone 'talk-mode' signal delays EEG-determined sleep onset. *Neuroscience Letters*, Vol. 421 (1), June 2007, pp. 82-86
- Huss A., Egger M., Hug K., Huwiler-Müntener K., Rösli M. (2007): Source of funding and results of studies of health effects of mobile phone use: Systematic review of experimental studies. *Environmental Health Perspectives*, Vol. 115 (1), January 2007, pp. 1-4
- Huss A., Rösli M. (2006): Consultations in primary care for symptoms attributed to electromagnetic fields – a survey among general practitioners. *BMC Public Health*, Vol. 6 (1), October 2006

- Inomata-Terada S., Okabe S., Arai N., Hanajima R., Terao Y., Frubayashi T., Ugawa Y. (2007): Effects of high frequency electromagnetic field (EMF) emitted by mobile phones on the human motor cortex. *Bioelectromagnetics*, Vol. 28 (7), October 2007, pp. 553-561
- Irlenbusch L., Bartsch B., Cooper J., Herget I., Marx B., Raczek J., Thoss F. (2007): Influence of a 902.4 MHz GSM signal on the human visual system: Investigation of the discrimination threshold. *Bioelectromagnetics*, Vol. 28 (8), December 2007, pp. 648-654. published online 2007-07
- Kan P., Simonsen S. E., Lyon J. L., Kestle J. R. W. (2008, published online 2007): Cellular phone use and brain tumor: a meta-analysis. *Journal of Neuro-Oncology*, Vol. 86, January 2008, pp. 71-78
- Khiat A., Boulanger Y., Breton G. (2006): Monitoring the effects of mobile phone use on the brain by proton magnetic resonance spectroscopy. *International Journal of Radiation Biology*, Vol. 82 (9), September 2006, pp. 681-685
- Ki Chang Nam, Sung Woo Kim, Soo Chan Kim, Deok Won Kim (2006): Effects of RF exposure of teenagers and adults by CDMA cellular phones. *Bioelectromagnetics*, Vol. 27 (7), October 2006, pp. 509-514
- Klæboe L., Blaasaas K. G., Tynes T. (2007): Use of mobile phones in Norway and risk of intracranial tumours. *European Journal of Cancer Prevention*, Vol. 16 (2), April 2007, pp. 158-164
- Krause Ch. M., Pesonen M., Haarala Björnberg Ch., Hämäläinen H. (2007): Effects of pulsed and continuous wave 902 MHz mobile phone exposure on brain oscillatory activity during cognitive processing. *Bioelectromagnetics*, Vol. 28 (4), May 2007, pp. 296-308
- Krewski D., Glickman B. W., Habash R. W. Y., Habbick B., Lotz W. G., Mandeville R., Prato F. S., Salem T., Weaver D. F. (2007): Recent advances in research on radiofrequency fields and health: 2001-2003. *Journal of Toxicology and Environmental Health, Part B*, Vol. 10 (4), 2007, pp. 287-318
- Lahkola A., Auvinen A., Raitanen J., Schoemaker M. J., Christensen H. C., Feychting M., Johansen Ch., Klæboe L., Lönn St., Swerdlow A. J., Tynes T., Salminen T. (2007): Mobile phone use and risk of glioma in 5 North European countries. *International Journal of Cancer*, Vol. 120 (8), April 2007, pp. 1769-1775
- Linet M. S., Taggart Th., Severson R. K., Cerhan J. R., Cozen W., Hartge P., Colt J. (2006): Cellular telephones and non-Hodgkin lymphoma. *International Journal of Cancer*, Vol. 119 (10), November 2006, pp. 2382-2388
- Lönn St., Ahlbom A., Christensen H. C., Johansen Ch., Schüz J., Edström St., Henriksson G., Lundgren J., Wennerberg J., Feychting M. (2006): Mobile phone use and risk of parotid gland tumor. *American Journal of Epidemiology*, Vol. 164 (7), October 2006, pp. 637-643

- Maby E., Le Bouquin Jeannes R., Faucon G. (2006): Short-term effects of GSM mobiles phones on spectral components of the human electroencephalogram. Engineering in Medicine and Biology Society, 2006, presented on the EMBS '06, 28th Annual International Conference of the IEEE, Aug. - Sept. 2006, pp. 3751-3754
- Mortazavi S. M. J., Ahmadi J., Shariati M. (2007): Prevalence of subjective poor health symptoms associated with exposure to electromagnetic fields among university students. Bioelectromagnetics, Vol. 28 (4), May 2007, pp. 326-330
- Oftedal G., Straume A., Johnsson A., Stovner L. J. (2007): Mobile phone headache: a double blind, sham-controlled provocation study. Cephalgia, Vol. 27 (5), May 2007, pp. 447-455
- Pagialonga A., Tognola G., Parazzini M., Lutman M. E., Bell St. L., Thuroczy G., Ravazzani P. (2007): Effects of mobile phone exposure on time frequency fine structure of transiently evoked otoacoustic emissions. Journal of the Acoustical Society of America, Vol. 122 (4), October 2007, pp. 2174-2182
- Parazzini M., Brazzale A. R., Paglialonga A., Tognola G., Collet L., Moulin A., Lutman M. E., Bell St. L., Thomas N. A., Uloziene I., Uloza V., Thuroczy G., Tavartkiladze G., Tsalighopoulos M., Kyriafinis G., Ravazzani P. (2007): Effects of GSM cellular phones on human hearing: The european project „GUARD“. Radiation Research, Vol. 168 (5), November 2007, pp. 608-613
- Parazzini M., Ravazzani P., Tognola G., Thuróczy G., Molnar F. B., Sacchettini A., Ardesi G., Mainardi L. T. (2007): Electromagnetic fields produced by GSM cellular phones and heart rate variability. Bioelectromagnetics, Vol. 28 (2), February 2007, pp. 122-129
- Parazzini M., Tognola G., Franzoni C., Grandori F., Ravazzani P. (2007): Modeling of the internal fields distribution in human inner hearing system exposed to 900 and 1800 MHz. IEEE Transactions on Biomedical Engineering, Vol. 54 (1), January 2007, pp. 39-48
- Regel S. J., Gottselig J. M., Schuderer J., Tinguely G., Rétey J. V., Kuster N., Landolt H.-P., Achermann P. (2007): Pulsed radio frequency radiation affects cognitive performance and the waking electroencephalogram. Neuroreport, Vol. 18 (8), May 2007, pp. 803-807
- Regel S. J., Tinguely G., Schuderer J., Adam M., Kuster N., Landolt H.-P., Achermann P. (2007): Pulsed radio-frequency electromagnetic fields: dose-dependent effects on sleep, the sleep EEG and cognitive performance. Journal of Sleep Research Vol. 16 (3), September 2007, pp. 253-258
- Rösli M., Michel G., Kuehni C., Spoerri A. (2007): Cellular telephone use and time trends in brain tumour mortality in Switzerland from 1969 to 2002, European Journal of Cancer Prevention, Vol. 16 (1), February 2007, pp. 77-82
- Sadetzki S., Chetrit A., Jarus-Hakak A., Cardis E., Deutch Y., Duvdevani S., Zultan A., Novikov I., Freedman L., Wolf M. (2007):

Cellular Phone Use and Risk of Benign and Malignant Parotid Gland Tumors - a Nationwide Case-control Study. American Journal of Epidemiology, published online

- Schlehofer B., Schlaefer K., Blettner M., Berg G., Böhler E., Hettinger I., Kunna-Grass K., Wahrendorf J., Schüz J. (2007): Environmental risk factors for sporadic acoustic neuroma (Interphone Study Group, Germany). European Journal of Cancer, Vol. 43 (11), July 2007, pp. 1741-1747
- Schüz J., Jacobsen R., Olsen J. H., Boice Jr. J. D., McLaughlin J. K., Johansen Ch. (2006): Cellular telephone use and cancer risk: Update of a nationwide Danish cohort. Journal of the National Cancer Institute, Vol. 98 (23), December 2006, pp. 1707-1713
- Schüz J., Johansen Ch. (2007): A comparison of self-reported cellular telephone use with subscriber data: agreement between the two methods and implications for risk estimation. Bioelectromagnetics, Vol. 28 (2), February 2007, pp. 130-136
- Sievert U., Eggert S., Goltz S., Pau H. W. (2007): Wirkung elektromagnetischer Felder des GSM-Mobilfunksystems auf auditives und vestibuläres Labyrinth und Hirnstamm. Laryngo-Rhino-Otologie, Vol. 86 (4), 2007, pp. 264-270
- Soo Kwon M., Koivisto M., Laine M., Hämäläinen H. (2007): Perception of the electromagnetic field emitted by a mobile phone. Bioelectromagnetics, published online, November 2007
- Speit G., Schütz P., Hoffmann H. (2007): Genotoxic effects of exposure to radiofrequency electromagnetic fields (RF-EMF) in culture mammalian cells are not independently reproducible. Mutation Research, Vol. 626, 2007, pp. 42-47
- SSK - Strahlenschutzkommission Deutschland (2006): Mobilfunk und Kinder, Stellungnahme der Strahlenschutzkommission und wissenschaftliche Begründung
- Stefanics G., Kellenyi L., Molnar F., Kubinyi G., Thuroczy G., Hernadi I. (2007): Short GSM mobile phone exposure does not alter human auditory brainstem response. BMC Public Health, Vol. 7, November 2007
- Tahvanainen K., Niño J., Halonen P., Kuusela T., Alanko T., Laitinen T., Länsimies E., Hietanen M., Lindholm H. (2007): Effects of cellular phone use on ear canal temperature measured by NTC thermistors. Clinical Physiology and Functional Imaging, Vol. 27 (3), May 2007, pp. 162-172
- Takebayashi T., Akiba S., Kikuchi Y., Taki M., Wake K., Watanabe S., Yamaguchi N. (2006): Mobile phone use and acoustic neuroma risk in Japan. Occupational Environmental Medicine, Vol. 63 (12), December 2006, pp. 802-807
- Terao Y., Okano T., Furubayashi T., Ugawa Y. (2006): Effects of thirty-minute mobile phone use on visuo-motor reaction time. Clinical Neurophysiology, Vol. 117 (11), November 2006, pp. 681-685

- Unterlechner M., Sauter C., Schmid G., Zeitlhofer J. (2007): No effect of an UMTS mobile phone-like electromagnetic field of 1.97 GHz on human attention and reaction time. *Bioelectromagnetics*, published online, October 2007
- Vecchio F., Babiloni C., Ferreri F., Curcio G., Fini R., Del Percio C., Rossini P. M. (2007): Mobile phone emission modulates interhemispheric functional coupling of EEG alpha rhythms. *European Journal of Neuroscience*, Vol. 25 (6), March 2007, pp. 1908-1913
- Wdowiak A., Wdowiak L., Wiktor H. (2007): Evaluation of the effects of using mobile phones on male fertility. *Annals of Agricultural and Environmental Medicine*, Vol. 14, 2007, pp. 169-172
- Schwarz Claudia, Kratochvil Elisabeth, Pilger Alexander, Kuster Niels, Adlkofer Franz, Rüdiger Hugo W. (2008): Radiofrequency electromagnetic fields (UMTS, 1,950 HMz) induce genotoxic effects in vitro in human fibroblasts but not in lymphocytes. *Int. Arch. Occup. Environ. Health* (2008) 81:755-767
- Neubauer Georg, Feychting Maria, Hamnerius Yngve, Kheifets Leeka, Kuster Niels, Ruiz Ignacio, Schüz Joachim, Überbacher Richard, Wiart Joe, Rösli Martin. (2006) Feasibility of Future Epidemiological Studies on Possible Health Effects of Mobile Phone Base Stations. DOI 10.1002/bem.20298, Published online in Wiley InterScience
- Leitgeb N.; Mobile Phones: are children at higher risk? *Wiener Medizinische Wochenschrift* Nr. 1/2 Februar 2008, Seiten 36-41