

Professor Olle Johansson's list of Authorities

Lai H, Horita A, Guy AW, "Microwave irradiation affects radial-arm maze performance in the rat", *Bioelectromagnetics* 1994; 15: 95-104

Stang A, Anastassiou G, Ahrens W, Bromen K, Bornfeld N, Jöckel K-H, "The possible role of radiofrequency radiation in the development of uveal melanoma", *Epidemiology* 2001; 12: 7-12

Donnellan M, McKenzie DR, French PW, "Effects of exposure to electromagnetic radiation at 835 MHz on growth, morphology and secretory characteristics of a mast cell analogue, RBL-2H3", *Cell Biol Int* 1997; 21: 427-439

Repacholi MH, Basten A, Gebiski V, Noonan D, Finnie J, Harris AW, "Lymphomas in E μ -Pim1 transgenic mice exposed to pulsed 900 MHz electromagnetic fields", *Radiat Res* 1997; 147: 631-640

Braune S, Wrocklage C, Raczek J, Gailus T, Lücking CH, "Resting blood pressure increase during exposure to a radio-frequency electromagnetic field", *Lancet* 1998; 351: 1857-1858

Goldsmith JR, "TV broadcast towers and cancer: The end of innocence for radiofrequency exposures", *Am J Ind Med* 1997; 32: 689-692

Magras IN, Xenos TD, " RF radiation-induced changes in the prenatal development of mice", *Bioelectromagnetics* 1997; 18: 455-461

Lai H, Singh NP, "Melatonin and a spin-trap compound block radiofrequency electromagnetic radiation-induced DNA strand breaks in rat brain cells", *Bioelectromagnetics* 1997; 18: 446-454

Lai H, Singh NP, "Single- and double-strand DNA breaks in rat brain cells after acute exposure to radiofrequency electromagnetic radiation", *Int J Radiat Biol* 1996; 69: 513-521

Johnson Liakouris AG, " Radiofrequency (RF) sickness in the Lilienfeld Study: An effect of modulated microwaves?", *Arch Environ Health* 1998; 53:236-238

Hocking B, "Preliminary report: Symptoms associated with mobile phone use", *Occup Med* 1998; 48: 357-360

Hardell L, Näsman Å, Pålsson A, Hallquist A, Hansson Mild K, "Use of cellular telephones and the risk for brain tumours: A case-control study", *Int J Oncol* 1999; 15: 113-116

Persson BRR, Salford LG, Brun A "Blood-brain barrier permeability in rats exposed to electromagnetic fields used in wireless communication", *Wireless Networks* 1997; 3: 455-461

Salford LG, Brun A, Persson BRR, "Brain tumour development in rats exposed to electromagnetic fields used in wireless cellular communication", *Wireless Networks* 1997; 3: 463-469

Maisch D, Rapley B, "Powerline frequency electromagnetic fields and human health - Is it the time to end further research? An overview of three recent studies", *J Austral Coll Nutr Environ Med* 1998; 17: 5-16

Maisch D, Rapley B, Rowland RE, Podd J, "Chronic fatigue syndrome – Is prolonged exposure to environmental level powerline frequency electromagnetic fields a co-factor to consider in treatment?", *J Austral Coll Nutr Environ Med* 1998; 17: 29-35

Green LM, Miller AB, Agnew DA, Greenberg ML, Li J, Villeneuve PJ, Tibshirani R, "Childhood leukemia and personal monitoring of residential exposures to electric and magnetic fields in Ontario, Canada", *Cancer Causes Control* 1999; 10: 233-243

UK Childhood Cancer Study Investigators, "Exposure to power-frequency magnetic fields and the risk of childhood cancer", *Lancet* 1999; 354:1925-1931

Fews AP, Henshaw DL, Wilding RJ, Keitch PA, "Corona ions from powerlines and increased exposure to pollutant aerosols", *Int J Radiat Biol* 1999; 75:1523-1531

Fews AP, Henshaw DL, Keitch PA, Close JJ, Wilding RJ, "Increased exposure to pollutant aerosols under high voltage power lines", *Int J Radiat Biol* 1999; 75: 1505-1521

De Pomerai D, Daniells C, David H, Allan J, Duce I, Mutwakil M, Thomas D, Sewell P, Tattersall J, Jones D, Candido P, "Non-thermal heat-shock response to microwaves", *Nature* 2000; 405: 417-418

Phillips JL, Ivaschuk O, Ishida-Jones T, Jones RA, Campbell-Beachler M, Haggren W, "DNA damage in Molt-4 T-lymphoblastoid cells exposed to cellular telephone radiofrequency fields in vitro", *Bioelectrochem Bioenerg* 1998; 45: 103-110

Harvey C, French PW, "Effects on protein kinase C and gene expression in a human mast cell line, HMC-1, following microwave exposure", *Cell Biol Int* 1999; 23: 739-748

Hardell L, Nasman A, Pahlson A, Hallquist A, "Case-control study on radiology work, medical x-ray investigations, and use of cellular telephones as risk factors for brain tumors", *MedGenMed* 2000; 2: 1-21

Krause CM, Sillanmäki L, Koivisto M, Häggqvist A, Saarela C, Revonsuo A, Laine M, Hämäläinen H, "Effects of electromagnetic field emitted by cellular phones on the EEG during a memory task", *NeuroReport* 2000; 11: 761-764

Hyland GJ, "Physics and biology of mobile telephony", *Lancet* 2000; 356: 1833-1836

Verschaeve L, Maes A, "Genetic, carcinogenic and teratogenic effects of radiofrequency fields", *Mutat Res* 1998; 410: 141-165

Verschaeve L, "Can non ionizing radiation induce cancer?", *Cancer J* 1995; 8: 237-249

Svedenstål B-M, Johanson K-J, Mattsson M-O, Paulsson L-E, "DNA damage, cell kinetics and ODC activities studied in CBA mice exposed to electromagnetic fields generated by transmission lines", *In Vivo* 1999; 13: 507-514

Sher L, "The effects of natural and man-made electromagnetic fields on mood and behavior: the role of sleep disturbances", *Med Hypotheses* 2000; 54: 630-633

Floderus B, Stenlund C, Persson T, "Occupational magnetic field exposure and site-specific cancer incidence: a Swedish cohort study", *Cancer Causes Control* 1999; 10: 323-332

Velizarov S, Raskmark P, Kwee S, "The effects of radiofrequency fields on cell proliferation are non-thermal", *Bioelectrochem Bioenerg* 1999; 48: 177-180

Keetley V, Wood A, Sadafi H, Stough C, "Neuropsychological sequelae of 50 Hz magnetic fields", *Int J Radiat Biol* 2001; 77: 735-742

French PW, Penny R, Laurence JA, McKenzie DR, "Mobile phones, heat shock proteins and cancer", *Differentiation* 2000; 67: 93-97

van Wijngaarden E, Savitz DA, Kleckner RC, Cai J, Loomis D, "Exposure to electromagnetic fields and suicide among electric utility workers: a nested case-control study", *Occup Environ Med* 2000; 57: 258-263

Ishido M, Nitta H, Kabuto M, "Magnetic fields (MF) of 50 Hz at 1.2 μ T as well as 100 μ T cause uncoupling of inhibitory pathways of adenylyl cyclase mediated by melatonin 1a receptor in MF-sensitive MCF-7 cells", *Carcinogenesis* 2001; 22: 1043-1048

Skulberg KR, Skyberg K, Eduard W, Goffeng LO, Vistnes AI, Levy F, Kjuus H, "Effects of electric field reduction in visual display units on skin symptoms", *Scand J Work Environ Health* 2001; 27: 140-145

Albert EN, Grau L, Kerns J, "Morphologic alterations in hamster blood-brain barrier after microwave irradiation", *J Microw Power* 1977; 12: 43-44

Albert EN, "Light and electron microscopic observation on the blood-brain barrier after microwave irradiation", In: *Symp Biol Eff Measure Radiofr/Microwaves, FDA 77-8026* (ed. DG Hazzard), HEW Publications, Washington, DC, 1977, pp 294-304

Di Carlo AL, White NC, Litovitz TA, "Mechanical and electromagnetic induction of protection against oxidative stress", *Bioelectrochemistry* 2001; 53: 87-95

Schirmacher A, Winters S, Fischer S, Goeke J, Galla HJ, Kullnick U, Ringelstein EB, Stogbauer F, "Electromagnetic fields (1.8 GHz) increase the permeability to sucrose of the blood-brain barrier in vitro", *Bioelectromagnetics* 2000; 21: 338-345

Fritze K, Sommer C, Schmitz B, Mies G, Hossmann KA, Kiessling M, Wiessner C, "Effect of global system for mobile communication (GSM) microwave exposure on blood-brain barrier permeability in rat", *Acta Neuropathol (Berl)* 1997; 94: 465-470

Ohmoto Y, Fujisawa H, Ishikawa T, Koizumi H, Matsuda T, Ito H, "Sequential changes in cerebral blood flow, early neuropathological consequences and blood-brain barrier disruption following radiofrequency-induced localized hyperthermia in the rat", *Int J Hyperthermia* 1996; 12: 321-334

Salford LG, Brun A, Stureson K, Eberhardt JL, Persson BR, "Permeability of the blood-brain barrier induced by 915 MHz electromagnetic radiation, continuous wave and modulated at 8, 16, 50, and 200 Hz", *Microsc Res Tech* 1994; 27: 535-542

Vinogradov GI, Andrienko LG, Naumenko GM, "The phenomenon of adaptive immunity in exposure to nonionizing microwave radiation" [in Russian], *Radiobiologia* 1991; 31: 718-721

Lange DG, Sedmak J, "Japanese encephalitis virus (JEV): potentiation of lethality in mice by microwave radiation", *Bioelectromagnetics* 1991; 12: 335-348

Neubauer C, Phelan AM, Kues H, Lange DG, "Microwave irradiation of rats at 2.45 GHz activates pinocytotic-like uptake of tracer by capillary endothelial cells of cerebral cortex", *Bioelectromagnetics* 1990; 11: 261-268

Monahan JC, "Microwave--drug interactions in the cholinergic nervous system of the mouse", *Prog Clin Biol Res* 1988; 257: 309-326

Albert EN, Sherif M, "Morphological changes in cerebellum of neonatal rats exposed to 2.45 GHz microwaves", *Prog Clin Biol Res* 1988; 257: 135-151

Persinger MA, Koren SA, O'Connor RP, "Geophysical variables and behavior: CIV. Power-frequency magnetic field transients (5 microtesla) and reports of haunt experiences within an electronically dense house", *Percept Mot Skills* 2001; 92: 673-674

Persinger MA, St-Pierre LS, Koren SA, "Geophysical variables and behavior: XCI. Ambulatory behavior in rats following prenatal exposures to complex magnetic fields designed to interact with genetic expression", *Percept Mot Skills* 2001; 92: 183-192

Tsurita G, Nagawa H, Ueno S, Watanabe S, Taki M, "Biological and morphological effects on the brain after exposure of rats to a 1439 MHz TDMA field", *Bioelectromagnetics* 2000; 21: 364-371

Tsurita G, Ueno S, Tsuno NH, Nagawa H, Muto T, "Effects of exposure to repetitive pulsed magnetic stimulation on cell proliferation and expression of heat shock protein 70 in normal and malignant cells", *Biochem Biophys Res Commun* 1999; 261: 689-694

Fritze K, Sommer C, Schmitz B, Mies G, Hossmann KA, Kiessling M, Wiessner C, "Effect of global system for mobile communication (GSM) microwave exposure on blood-brain barrier permeability in rat", *Acta Neuropathol (Berl)* 1997; 94: 465-470

Fritze K, Wiessner C, Kuster N, Sommer C, Gass P, Hermann DM, Kiessling M, Hossmann KA, "Effect of global system for mobile communication microwave exposure on the genomic response of the rat brain", *Neuroscience* 1997; 81: 627-639

Persinger MA, O'Connor RP, "A linear relationship between postnatal geomagnetic activity and self-reports of epileptic seizures in young adults", *Percept Mot Skills* 1999; 89: 368-370

Persinger MA, Belanger-Chellew G, "Facilitation of seizures in limbic epileptic rats by complex 1 microTesla magnetic fields", *Percept Mot Skills* 1999; 89: 486-492

McKay BE, Persinger MA, "Geophysical variables and behavior: LXXXVII. Effects of synthetic and natural geomagnetic patterns on maze learning", *Percept Mot Skills* 1999; 89: 1023-1024

Sykes PJ, McCallum BD, Bangay MJ, Hooker AM, Morley AA, "Effect of exposure to 900 MHz radiofrequency radiation on intrachromosomal recombination in pKZ1 mice", *Radiat Res* 2001; 156: 495-502

Pashovkina MS, Akoev IG, "Effect of low intensity pulse-modulated electromagnetic radiation on activity of alkaline phosphatase in blood serum", *Radiats Biol Radioecol* 2001; 41: 62-66

Pashovkina MS, Akoev IG, "Effect of low-intensity pulse-modulated microwave on human blood aspartate aminotransferase activity", *Radiats Biol Radioecol* 2001; 41: 59-61

Tattersall JE, Scott IR, Wood SJ, Nettell JJ, Bevir MK, Wang Z, Somasiri NP, Chen X, "Effects of low intensity radiofrequency electromagnetic fields on electrical activity in rat hippocampal slices", *Brain Res* 2001; 904: 43-53

Muhm M, "Š", *J Occup Med* 1992; 3: 287-292

Strayer DL, Johnston WA, "Driven to distraction: dual-task studies of simulated driving and conversing on a cellular telephone", *Psychol Sci* 2001; 12: 462-466

d'Ambrosio G, Massa R, Scarfi MR, Zeni O, "Cytogenetic damage in human lymphocytes following GMSK phase modulated microwave exposure", *Bioelectro-magnetics* 2002; 23: 7-13

Choleris E, Del Seppia C, Thomas AW, Luschi P, Ghione G, Moran GR, Prato FS, "Shielding, but not zeroing of the ambient magnetic field reduces stress-induced analgesia in mice", *Proc R Soc Lond B Biol Sci* 2002; 269: 193-201

Mueller CH, Krueger H, Schierz C, "Project NEMESIS: perception of a 50 Hz electric and magnetic field at low intensities (laboratory experiment)", *Bioelectro-magnetics* 2002; 23: 26-36

Strasak L, Vetterl V, Smarda J, "Effects of low-frequency magnetic fields on bacteria *Escherichia coli*", *Bioelectrochemistry* 2002; 55: 161-164

Otsuka K, Oinuma S, Cornelissen G, Weydahl A, Ichimaru Y, Kobayashi M, Yano S, Holmeslet B, Hansen TL, Mitsutake G, Engebretson MJ, Schwartzkopff O, Halberg F "Alternating light-darkness-influenced human electrocardiographic magnetoreception in association with geomagnetic pulsations", *Biomed Pharmacother* 2001; 55 Suppl 1: 63s-75s

D'Inzeo G, Bernardi P, Eusebi F, Grassi F, Tamburello C, Zani BM, "Microwave effects on acetylcholine-induced channels in cultured chick myotubes", *Bioelectromagnetics* 1988; 9: 363-372

Yamaguchi DT, Huang J, Ma D, Wang PK, "Inhibition of gap junction intercellular communication by extremely low-frequency electromagnetic fields in osteoblast-like models is dependent on cell differentiation", *J Cell Physiol* 2002; 190: 180-188

Belyavskaya NA, "Ultrastructure and calcium balance in meristem cells of pea roots exposed to extremely low magnetic fields", *Adv Space Res* 2001; 28: 645-650

Lee GM, Neutra RR, Hristova L, Yost M, Hiatt RA, "A nested case-control study of residential and personal magnetic field measures and miscarriages", *Epidemiology* 2002; 13: 21-31

Li DK, Odouli R, Wi S, Janevic T, Golditch I, Bracken TD, Senior R, Rankin R, Iriye R, "A population-based prospective cohort study of personal exposure to magnetic fields during pregnancy and the risk of miscarriage", *Epidemiology* 2002; 13: 9-20

Di Carlo A, White N, Guo F, Garrett P, Litovitz T, "Chronic electromagnetic field exposure decreases HSP70 levels and lowers cytoprotection", *J Cell Biochem* 2002; 84: 447-454

Trosic I, "Multinucleated giant cell appearance after whole body microwave irradiation of rats", *Int J Hyg Environ Health* 2001; 204: 133-138

Tice RR, Hook GG, Donner M, McRee DI, Guy AW, "Genotoxicity of radiofrequency signals. I. Investigation of DNA damage and micronuclei induction in cultured human blood cells", *Bioelectromagnetics*. 2002; 23: 113-126

Seishima M, Oyama Z, Yamamura M, "Cellular phone dermatitis", *Arch Dermatol* 2002; 138: 272-273

Chen G, Upham BL, Sun W, Chang CC, Rothwell EJ, Chen KM, Yamasaki H, Trosko JE, "Effect of electromagnetic field exposure on chemically induced differentiation of friend erythroleukemia cells", *Environ Health Perspect* 2000; 108: 967-972

Dicarlo AL, Hargis MT, Penafiel LM, Litovitz TA, "Short-term magnetic field exposures (60 Hz) induce protection against ultraviolet radiation damage", *Int J Radiat Biol* 1999; 75: 1541-1549

Han L, Lin H, Head M, Jin M, Blank M, Goodman R, "Application of magnetic field-induced heat shock protein 70 for presurgical cytoprotection", *J Cell Biochem* 1998; 71: 577-583

Noonan CW, Reif JS, Yost M, Touchstone J, "Occupational exposure to magnetic fields in case-referent studies of neurodegenerative diseases", *Scand J Work Environ Health* 2002; 28: 42-48

Wever R, "The effects of electric fields on circadian rhythmicity in men", *Life Sci Space Res* 1970; 8: 177-187

Ye J, Yao K, Lu D, Wu R, Jiang H, "Low power density microwave radiation induced early changes in rabbit lens epithelial cells", *Chin Med J (Engl)* 2001; 114: 1290-1294

Inaloz SS, Aksunger A, Sari I, Dasdag S, Deveci E, "Do microwave ovens affect the eyes?", *Jpn J Ophthalmol* 1997; 41: 240-243

Prost M, Olchowik G, Hautz W, Gaweda R, "Experimental studies on the influence of millimeter radiation on light transmission through the lens" [in Polish], *Klin Oczna* 1994; 96: 257-259

Silvi AM, Zari A, Licitra G, "Assessment of the temporal trend of the exposure of people to electromagnetic fields produced by base stations for mobile telephones", *Radiat Prot Dosimetry* 2001; 97: 387-390

Jensh RP, "Studies of the teratogenic potential of exposure of rats to 6000-MHz microwave radiation. II. Postnatal psychophysiological evaluations", *Radiat Res* 1984; 97: 282-301

Marino AA, Wolcott RM, Chervenak R, Jourdeuil F, Nilsen E, Frilot II C, "Nonlinear response of the immune system to power-frequency magnetic fields", *Am J Physiol Regulatory Integrative Comp Physiol* 2000; 279: R761-R768

Di Carlo A, White N, Guo F, Garrett P, Litovitz T, "Chronic electromagnetic field exposure decreases HSP70 levels and lowers cytoprotection", *J Cell Biochem* 2002; 84: 447-454

Edelstyn N, Oldershaw A, "The acute effects of exposure to the electromagnetic field emitted by mobile phones on human attention", *Neuroreport* 2002; 13: 119-121

Hardell L, Mild K H, Pahlson A, Hallquist A, "Ionizing radiation, cellular telephones and the risk for brain tumours", *Eur J Cancer Prev* 2001; 10: 523-529

Szudzinski A, Pietraszek A, Janiak M, Wrembel J, Kalczak M, Szmigielski S, "Acceleration of the development of benzopyrene-induced skin cancer in mice by microwave radiation", *Arch Dermatol Res* 1982; 274: 303-312

Simko M, Richard D, Kriehuber R, Weiss DG, "Micronucleus induction in Syrian hamster embryo cells following exposure to 50 Hz magnetic fields, benzo(a)pyrene, and TPA in vitro", *Mutat Res* 2001; 495: 43-50

Granlund-Lind R, Lans M, Rennerfelt J, ["Computers and amalgam are the most common causes of hypersensitivity to electricity according to the sufferers' reports"] [Article in Swedish], *Läkartidningen* 2002; 99: 682-683

Inaloz SS, Dasdag S, Ceviz A, Bilici A, "Acceptable radiation leakage of microwave ovens on pregnant and newborn rat brains", *Clin Exp Obstet Gynecol* 1997; 24: 215-219

Belokrinitskii VS, Tomashevskaja LA, Konobeeva GI, ["Ultracytochemical changes in the brain and liver in exposure to low-intensity nonionizing microwave radiation"] [Article in Russian], *Biull Eksp Biol Med* 1982; 93: 112-116

Yang R, Chen J, Liu X, ["Lipid peroxide damage in retinal ganglion cells induced by microwave"] [Article in Chinese], *Wei Sheng Yan Jiu* 1999; 28: 200-202

Cooper WG, "Hypothesis on a casual link between EMF and an evolutionary class of cancer and spontaneous abortion", *Cancer Biochem Biophys* 1996; 15: 151-170

Cadossi R, Hentz VR, Kipp J, Iverson R, Ceccherelli G, Zucchini P, Emilia G, Torelli G, Franceschi C, Eiverson R, et al., "Effect of low frequency low energy pulsing electromagnetic field (PEMF) on X-ray-irradiated mice", *Exp Hematol* 1989; 17: 88-95 [Erratum in: *Exp Hematol* 1989; 17: 922. Eiverson R [corrected to Iverson R]]

Miyakoshi J, Mori Y, Yamagishi N, Yagi K, Takebe H, "Suppression of high-density magnetic field (400 mT at 50 Hz)-induced mutations by wild-type p53 expression in human osteosarcoma cells", *Biochem Biophys Res Commun* 1998; 243: 579-584

Blumenthal NC, Ricci J, Breger L, Zychlinsky A, Solomon H, Chen GG, Kuznetsov D, Dorfman R, "Effects of low-intensity AC and/or DC electromagnetic fields on cell attachment and induction of apoptosis", *Bioelectromagnetics* 1997; 18: 264-272

Robison JG, Pendleton AR, Monson KO, Murray BK, O'Neill KL, "Decreased DNA repair rates and protection from heat induced apoptosis mediated by electromagnetic field exposure", *Bioelectromagnetics* 2002; 23: 106-112

Wertheimer N, Leeper E, "Re: "Risk of premenopausal breast cancer and use of electric blankets" and "Use of electric blankets and risk of postmenopausal breast cancer"", *Am J Epidemiol* 1995; 142: 1344-1345

Wertheimer N, Savitz DA, Leeper E, "Childhood cancer in relation to indicators of magnetic fields from ground current sources", *Bioelectromagnetics* 1995; 16: 86-96

Wertheimer N, Leeper E, "Re: Are electric or magnetic fields affecting mortality from breast cancer in women?" *J Natl Cancer Inst* 1994; 86: 1797-1798

Wertheimer N, Leeper E, "Bias in studies of electromagnetic fields", *J Clin Epidemiol* 1994; 47: 1081-1083

Wertheimer N, Leeper E, "Re: "Use of electric blankets and risk of testicular cancer" and "Use of electric blankets and risk of postmenopausal breast cancer"", *Am J Epidemiol* 1993; 137: 252-257

Leeper E, Wertheimer N, Savitz D, Barnes F, Wachtel H, "Modification of the 1979 "Denver wire code" for different wire or plumbing types", *Bioelectromagnetics* 1991; 12: 315-318

Wertheimer N, Leeper E, "Re: "Acute nonlymphocytic leukemia and residential exposure to power-frequency magnetic fields"", *Am J Epidemiol* 1989; 130: 423-427

Wertheimer N, Leeper E, "Fetal loss associated with two seasonal sources of electromagnetic field exposure", *Am J Epidemiol* 1989; 129: 220-224

Wertheimer N, Leeper E, "Magnetic field exposure related to cancer subtypes", *Ann N Y Acad Sci.* 1987; 502: 43-54

Wertheimer N, Leeper E, "Possible effects of electric blankets and heated waterbeds on fetal development", *Bioelectromagnetics* 1986; 7: 13-22

Wertheimer N, Leeper E, "Health effects of power lines", *Science* 1983; 222: 712-714

Wertheimer N, Leeper E, "Adult cancer related to electrical wires near the home", *Int J Epidemiol* 1982; 11: 345-355

Wertheimer N, Leeper E, "Electrical wiring configurations and childhood cancer", *Am J Epidemiol* 1979; 109: 273-284

Kerr C, Tappin D, "Do poor nutrition and display screens affect visual acuity in children?", *Br J Community Nursing* 2002; 7: 80-89

Binhi VN, Savin AV, "Molecular gyroscopes and biological effects of weak extremely low-frequency magnetic fields", *Phys Rev E Stat Nonlin Soft Matter Phys* 2002; 65: 051912

Liboff AR, Jenrow KA, "Physical mechanisms in neuroelectromagnetic therapies", *NeuroRehabilitation* 2002; 17: 9-22

Leszczynski D, Joenväärä S, Reivinen J, Kuokka R, "Non-thermal activation of the hsp27/p38MAPK stress pathway by mobile phone radiation in human endothelial cells: Molecular mechanism for cancer- and blood-brain barrier-related effects", *Differentiation* 2002; 70: 120-129

Ohno T, Kawano K, Yokoyama H, Tahara K, Sasaki A, Aramaki M, Kitano S, "Microwave coagulation therapy accelerates growth of cancer in rat liver", *J Hepatol* 2002; 36: 774-779

Li CY, Chen PC, Sung FC, Lin RS, "Residential exposure to power frequency magnetic field and sleep disorders among women in an urban community of northern Taiwan", *Sleep* 2002; 25: 428-432

Pilla AA, "Low-intensity electromagnetic and mechanical modulation of bone growth and repair: are they equivalent?", *J Orthop Sci* 2002; 7: 420-428

Linovitz RJ, Pathria M, Bernhardt M, Green D, Law MD, McGuire RA, Montesano PX, Rechline G, Salib RM, Ryaby JT, Faden JS, Ponder R, Muenz LR, Magee FP, Garfin SA, "Combined magnetic fields accelerate and increase spine fusion: A double-blind, randomized, placebo controlled study", *Spine* 2002; 27: 1383-1389

Hakansson N, Floderus B, Gustavsson P, Johansen C, Olsen JH, "Cancer incidence and magnetic field exposure in industries using resistance welding in Sweden", *Occup Environ Med* 2002; 59: 481-486

Leeper E, Wertheimer N, "Potential motion related bias in the worn dosimeter measurements of two childhood leukemia studies", *Bioelectromagnetics* 2002; 23: 390-397

Mostafa RM, Mostafa YM, Ennaceur A, "Effects of exposure to extremely low-frequency magnetic field of 2 G intensity on memory and corticosterone level in rats", *Physiol Behav* 2002; 76: 589-595

Goswami PC, Albee LD, Parsian AJ, Baty JD, Moros EG, Pickard WF, Roti Roti JL, Hunt CR, "Proto-oncogene mRNA levels and activities of multiple transcription factors in C3H 10T 1/2 murine embryonic fibroblasts exposed to 835.62 and 847.74 MHz cellular phone communication frequency radiation", *Radiat Res* 1999; 151: 300-309

Khudnitskii SS, Moshkarev EA, Fomenko TV, ["On the evaluation of the influence of cellular phones on their users"] [Article in Russian], *Med Tr Prom Ekol* 1999; 9: 20-24

Santini R, ["Cellular telephones and their relay stations: a health risk?"] [Article in French], *Presse Med* 1999; 28: 1884-1886

Santini R, Seigne M, Bonhomme-Faivre L, Bouffet S, Defrane E, Sage M, ["Symptoms reported by cellular phone users"] [Article in French], *Presse Med* 2000; 29: 2097

Santini R, Seigne M, Bonhomme-Faivre L, ["Danger of cellular telephones and their relay stations"] [Article in French], *Pathol Biol (Paris)* 2000; 48: 525-528

Santini R, Santini P, Seigne M, Danze JM, ["Symptoms notified by people living near cell phone relay stations"] [Article in French], *Presse Med* 2001; 30: 1594

Santini R, Seigne M, Bonhomme-Faivre L, Bouffet S, Defrasne E, Sage M, ["Symptoms reported by mobile cellular telephone users"] [Article in French], *Pathol Biol (Paris)* 2001; 49: 222-226

Santini R, Santini P, Danze JM, Le Ruz P, Seigne M, ["Investigation on the health of people living near mobile telephone relay stations: //Incidence according to distance and sex"] [Article in French], *Pathol Biol (Paris)* 2002; 50: 369-373

Santini R, Seigne M, Bonhomme-Faivre L, Bouffet S, Defrasne E, Sage M, "Symptoms experienced by users of digital cellular phones: A study of a French engineering school", *Electromagn Biol Med* 2002; 21: 81-88

Paredi P, Kharitonov SA, Hanazawa T, Barnes PJ, "Local vasodilator response to mobile phones", *Laryngoscope* 2001; 111: 159-162

Lebedeva NN, Sulimov AV, Sulimova OP, Korotkovskaya TI, Gailus T, "Investigation of brain potentials in sleeping humans exposed to the electromagnetic field of mobile phones", *Crit Rev Biomed Eng* 2001; 29: 125-133

Lebedeva NN, Sulimov AV, Sulimova OP, Kotrovskaya TI, Gailus T, "Cellular phone electromagnetic field effects on bioelectric activity of human brain", *Crit Rev Biomed Eng* 2000; 28: 323-337

Balzano Q, "Proposed test for detection of nonlinear responses in biological preparations exposed to RF energy", *Bioelectromagnetics* 2002; 23: 278-287

Tsong TY, Liu DS, Chauvin F, Astumian RD, "Resonance electroconformational coupling: a proposed mechanism for energy and signal transductions by membrane proteins", *Biosci Rep* 1989; 9: 13-26

Kruglikov IL, Dertinger H, "Stochastic resonance as a possible mechanism of amplification of weak electric signals in living cells", *Bioelectromagnetics* 1994; 15: 539-547 [Erratum in: *Bioelectromagnetics* 1995;16(2):145]

Gapeev AB, Sokolov PA, Chemeris NK, ["Model analysis of the effect of modulated electromagnetic fields with various parameters of modulating signals in cells"] [Article in Russian], *Biofizika* 2001; 46: 661-675

Prato FS, Carson JJ, Ossenkopp KP, Kavaliers M, "Possible mechanisms by which extremely low frequency magnetic fields affect opioid function", *FASEB J* 1995; 9: 807-814

Liboff AR, Williams T Jr, Strong DM, Wistar R Jr, "Time-varying magnetic fields: effect on DNA synthesis", *Science* 1984; 223: 818-820

Jenrow KA, Zhang X, Renehan WE, Liboff AR, "Weak ELF magnetic field effects on hippocampal rhythmic slow activity", *Exp Neurol* 1998; 153: 328-334

Deibert MC, McLeod BR, Smith SD, Liboff AR, "Ion resonance electromagnetic field stimulation of fracture healing in rabbits with a fibular osteotomy", *J Orthop Res* 1994; 12: 878-885

McLeod BR, Liboff AR, Smith SD, "Electromagnetic gating in ion channels", *J Theor Biol* 1992; 158: 15-31

Binhi VN, Alipov YD, Belyaev IY, "Effect of static magnetic field on E. coli cells and individual rotations of ion-protein complexes", *Bioelectromagnetics* 2001; 22: 79-86

Belyaev IY, Alipov ED, "Frequency-dependent effects of ELF magnetic field on chromatin conformation in Escherichia coli cells and human lymphocytes", *Biochim Biophys Acta* 2001; 1526: 269-276

Olsson G, Belyaev IY, Helleday T, Harms-Ringdahl M, "ELF magnetic field affects proliferation of SPD8/V79 Chinese hamster cells but does not interact with intrachromosomal recombination", *Mutat Res* 2001; 493: 55-66

Wilson BS, Zook JM, Joines WT, Casseday JH, "Alterations in activity at auditory nuclei of the rat induced by exposure to microwave radiation: autoradiographic evidence using [¹⁴C]2-deoxy-D-glucose", *Brain Res* 1980; 187: 291-306

Hardell L, Mild KH, Pahlson A, Hallquist A, "Ionizing radiation, cellular telephones and the risk for brain tumours", *Eur J Cancer Prev* 2001; 10: 523-529

Hansson Mild K, Hamnerius Y, Hardell L, Mattsson MO, Sandstrom M, ["International consensus on low-frequency electromagnetic fields: "possibly carcinogenic""] [Article in Swedish], *Läkartidningen* 2001; 98: 5188-5191

Hardell L, Mild KH, "Re: Cellular telephones and cancer--a nationwide cohort study in Denmark", *J Natl Cancer Inst* 2001; 93: 952-953

Hardell L, Mild KH, "Handheld cellular telephones and brain cancer risk", *JAMA* 2001; 285: 1838; discussion 1838-1839

Hardell L, Mild KH, "Cellular telephones and risk of brain tumours", *Lancet* 2001; 357: 960-961

Hardell L, Mild KH, Hallquist A, "Radiofrequency exposure and the risk for brain tumors", *Epidemiology* 2001; 12: 135-136

Hardell L, Mild KH, Hallquist A, ["A reply: the safety principle should be applied"] [Article in Swedish], *Läkartidningen* 2000; 97: 4628, 4631

Hardell L, Mild KH, Hallquist A, ["Mobile telephones and the risk of brain tumor--the principle of precaution should be practiced"] [Article in Swedish], *Läkartidningen* 2000; 97: 3908-3909

Hardell L, Reizenstein J, Johansson B, Gertzen H, Mild KH, "Angiosarcoma of the scalp and use of a cordless (portable) telephone", *Epidemiology* 1999; 10: 785-786

Hardell L, Hallquist A, Mild KH, Carlberg M, Pahlson A, Lilja A, "Cellular and cordless telephones and the risk for brain tumours", *Europ J Cancer Prevent* 2002; 11: 377-386

Ivancsits S, Diem E, Pilger A, Rudiger H, Jahn O, "Induction of DNA strand breaks by intermittent exposure to extremely-low-frequency electromagnetic fields in human diploid fibroblasts", *Mutat Res* 2002; 519:1-13

Levallois P, "Hypersensitivity of human subjects to environmental electric and magnetic field exposure: a review of the literature", *Environ Health Perspect* 2002; 110, Suppl 4: 613-618

Hamblin DL, Wood AW, "Effects of mobile phone emissions on human brain activity and sleep variables", *Int J Radiat Biol* 2002; 78: 659-669

Pacini S, Ruggiero M, Sardi I, Aterini S, Gulisano F, Gulisano M, "Exposure to global system for mobile communication (GSM) cellular phone radiofrequency alters gene expression, proliferation, and morphology of human skin fibroblasts", *Oncol Res* 2002; 13: 19-24

Shallom JM, Di Carlo AL, Ko D, Penafiel LM, Nakai A, Litovitz TA, "Microwave exposure induces Hsp70 and confers protection against hypoxia in chick embryos", *J Cell Biochem* 2002; 86: 490-496

Chidichimo G, Beneduci A, Nicoletta M, Critelli M, De Rose R, Tkatchenko Y, Abonante S, Tripepi S, Perrotta E, "Selective inhibition of tumoral cells growth by low power millimeter waves", *Anticancer Res* 2002; 22: 1681-1688

Shcheglov V, Alipov E, Belyaev I, "Cell-to-cell communication in response of E. coli cells at different phases of growth to low-intensity microwaves ", *Biochim Biophys Acta* 2002; 1572: 101

Belyaev I, Hillert L, Tamm C, Harms-Ringdahl M, Malmgren L, Persson B, "Effects of ELF and microwaves on human lymphocytes from hypersensitive persons", Bioelectromagnetics Society Annual Meeting, Quebec City, Quebec, Canada (abstr.), June 23-27, 2002; 10-11

Croft R, Chandler J, Burgess A, Barry R, Williams J, Clarke A, "Acute mobile phone operation affects neural function in humans", Clin Neurophysiol 2002; 113: 1623

Hu PY, Chu XL, Li JY, Yang D, He P, ["Effect of microwave contraception on human serum testosterone and luteinizing hormone"] [Article in Chinese] Shengzhi Yu Biyun 1985; 5: 32-34

Blackmore SJ, Rose N, "Testing the bioelectric shield", Altern Ther Health Med 2002; 8: 62-67

Pacini S, Ruggiero M, Sardi I, Aterini S, Gulisano F, Gulisano M, "Exposure to global system for mobile communication (GSM) cellular phone radiofrequency alters gene expression, proliferation, and morphology of human skin fibroblasts", Oncol Res, 2002; 13: 19-24

Panagopoulos DJ, Messini N, Karabarbounis A, Philippetis AL, Margaritis LH, "A mechanism for action of oscillating electric fields on cells", Biochem Biophys Res Commun 2000; 272: 634-640

Panagopoulos D, Karabarbounis A, Margaritis L, "Mechanism for action of electromagnetic fields on cells", Biochem Biophys Res Commun 2002; 298: 95

Borbély AA, Huber R, Graf T, Fuchs B, Gallmann E, Achermann P, "Pulsed high-frequency electromagnetic field affects human sleep and sleep electroencephalogram", Neurosci. Lett. 1999; 275: 207-210

Bistolfi F, "Are microvilli and cilia sensors of electromagnetic fields?", Physica Medica 2002; 18: 85-94

Beason RC, Semm P, "Responses of neurons to an amplitude modulated microwave stimulus", Neurosci Lett 2002; 333: 175-178

Kaune WT, "Thermal noise limit on the sensitivity of cellular membranes to power frequency electric and magnetic fields", Bioelectromagnetics 2002; 23: 622-628

Gartzke J, Lange K, "Cellular target of weak magnetic fields: ionic conduction along actin filaments of microvilli", Am J Physiol Cell Physiol 2002; 283: C1333-1346

Ramadan L, Abd-Allah A, Aly H, Saad-El-Din A, "Testicular toxicity effects of magnetic field exposure and prophylactic role of coenzyme Q10 and L-carnitine in mice", Pharmacol Res 2002; 46: 363-370

Flodin U, Seneby A, Tegenfeldt C, "Provocation of electric hypersensitivity under everyday conditions", Scand J Work Environ Health 2000; 26: 93-98

Weinberger Z, Richter ED, "Cellular telephones and effects on the brain: The head as an antenna and brain tissue as a radio receiver", Med Hypotheses 2002; 59: 703-705

Huber R, Treyer V, Borbely AA, Schuderer J, Gottselig JM, Landolt HP, Werth E, Berthold T, Kuster N, Buck A, Achermann P, "Electromagnetic fields, such as those from mobile phones, alter regional cerebral blood flow and sleep and waking EEG", J Sleep Res 2002; 11: 289-295

Burch JB, Reif JS, Noonan CW, Ichinose T, Bachand AM, Koleber TL, Yost MG, "Melatonin metabolite excretion among cellular telephone users", Int J Radiat Biol 2002; 78: 1029-1036

Hardell L, Mild KH, Carlberg M, "Case-control study on the use of cellular and cordless phones and the risk for malignant brain tumours", Int J Radiat Biol 2002; 78: 931-936

Trosic I, Busljeta I, Kasuba V, Rozgaj R, "Micronucleus induction after whole-body microwave irradiation of rats", *Mutat Res* 2002; 521: 73-79

McKay BE, St-Pierre LS, Persinger MA, "Radial maze proficiency of adult Wistar rats given prenatal complex magnetic field treatments", *Dev Psychobiol* 2003; 42: 1-8

Noonan CW, Reif JS, Burch JB, Ichinose TY, Yost MG, Magnusson K, "Relationship between amyloid beta protein and melatonin metabolite in a study of electric utility workers", *J Occup Environ Med* 2002; 44: 769-775

Burch JB, Reif JS, Noonan CW, Yost MG, "Melatonin metabolite levels in workers exposed to 60-Hz magnetic fields: work in substations and with 3-phase conductors", *J Occup Environ Med* 2000; 42: 136-142

Burch JB, Reif JS, Yost MG, "Geomagnetic disturbances are associated with reduced nocturnal excretion of a melatonin metabolite in humans", *Neurosci Lett* 1999; 266: 209-212

Burch JB, Reif JS, Yost MG, Keefe TJ, Pitrat CA, "Reduced excretion of a melatonin metabolite in workers exposed to 60 Hz magnetic fields", *Am J Epidemiol* 1999; 150: 27-36

Burch JB, Reif JS, Yost MG, Keefe TJ, Pitrat CA, "Nocturnal excretion of a urinary melatonin metabolite among electric utility workers", *Scand J Work Environ Health* 1998; 24: 183-189

Wang JH, Cain SD, Lohmann KJ, "Identification of magnetically responsive neurons in the marine mollusc *Tritonia diomedea*", *J Exp Biol* 2003; 206: 381-388

Ryczko MC, Persinger MA, "Increased analgesia to thermal stimuli in rats after brief exposures to complex pulsed 1 microTesla magnetic fields", *Percept Mot Skills* 2002; 95: 592-598

Stopczyk D, Gnitecki W, Buczynski A, Markuszewski L, Buczynski J, "No title available" [Article in Polish], *Med Pr* 2002; 53: 311-314

Oliver JP, Chou CK, Balzano Q, "Testing the effectiveness of small radiation shields for mobile phones", *Bioelectromagnetics* 2003; 24: 66-69

Kimata H, "Enhancement of allergic skin wheal responses by microwave radiation from mobile phones in patients with atopic eczema/dermatitis syndrome", *Int Arch Allergy Immunol* 2002; 129: 348-350

Dehos A, Weiss W, ["In the consumers' interest: Precautionary principles for protection against electromagnetic fields"] [Article in German], *Gesundheitswesen* 2002; 64: 651-656

Salford LG, Brun AE, Eberhardt JL, Malmgren L, Persson BR. Nerve cell damage in mammalian brain after exposure to microwaves from GSM mobile phones. *Environ Health Perspect* 2003; 111: 881-883

Richter ED, Berman T, Levy O, "Brain cancer with induction periods of less than 10 years in young military radar workers", *Arch Environ Health* 2002; 57: 270-272

Verkasalo PK, Kaprio J, Varjonen J, Romanov K, Heikkila K, Koskenvuo M, "Magnetic fields of transmission lines and depression", *Am J Epidemiol* 1997; 146: 1037-1045

Zyss T, Dobrowolski JW, Krawczyk K, ["Neurotic disturbances, depression and anxiety disorders in the population living in the vicinity of overhead high-voltage transmission line 400 kV. Epidemiological pilot study"] [Article in Polish], *Med Pr* 1997; 48: 495-505

Zyss T, ["Epidemiological studies on neurotic disturbances, anxiety and depression disorders in a population living near an overhead high voltage transmission line (400 kV)"] [Article in Polish], *Psychiatr Pol* 1999; 33: 535-551

Li CY, Sung FC, "Association between occupational exposure to power frequency electromagnetic fields and amyotrophic lateral sclerosis: A review", *Am J Ind Med* 2003; 43: 212-220

Navas-Acien A, Pollan M, Gustavsson P, Floderus B, Plato N, Dosemeci M, "Interactive effect of chemical substances and occupational electromagnetic field exposure on the risk of gliomas and meningiomas in Swedish men", *Cancer Epidemiol Biomarkers Prev* 2002; 11: 1678-1683

Michelozzi P, Kirchmayer U, Capon A, Forastiere F, Biggeri A, Barca A, Ancona C, Fusco D, Sperati A, Papini P, Pierangelini A, Rondelli R, Perucci CA, ["Leukemia mortality and incidence of infantile leukemia near the Vatican Radio Station of Rome"] [article in Italian], *Epidemiol Prev* 2001; 25: 249-255

Hardell L, Mild KH, Carlberg M, "Further aspects on cellular and cordless telephones and brain tumours", *Int J Oncol* 2003; 22: 399-407

Smythe JW, Costall B, "Mobile phone use facilitates memory in male, but not female, subjects", *Neuroreport* 2003; 14: 243-246

Lass J, Tuulik V, Ferenets R, Riisalo R, Hinrikus H, "Effects of 7 Hz-modulated 450 MHz electromagnetic radiation on human performance in visual memory tasks", *Int J Radiat Biol* 2002; 78: 937-944

Kwee S, Raskmark P, "Changes in cell proliferation due to environmental electromagnetic fields", In: *Charge and Field Effects in Biosystems – 4* (eds. MJ Allen, SF Cleary, AE Sowers, DD Shillady), World Scientific Publishing Co, Singapore, 1994, pp 255-260

Kwee S, Raskmark P, "Changes in cell proliferation due to environmental non-ionizing radiation. 1. ELF electromagnetic fields", *Bioelectrochem Bioenerg* 1995; 36: 109-114

Raskmark P, Kwee S, "The minimizing effect of electromagnetic noise on the changes in cell proliferation caused by ELF magnetic fields", *Bioelectrochem Bioenerg* 1996; 40: 193-196

Kwee S, Raskmark P, "RF electromagnetic fields and cell proliferation", In: *5th Nordic Workshop on Biological Effects of Low Frequency Electromagnetic Fields* (eds. A Johnsson, G Oftedal), Norwegian Radiation Protection Authority Strålevern Rapport, Oslo, 1997:6, pp 27-28

Kwee S, Raskmark P, "Changes in cell proliferation due to environmental non-ionizing radiation - 2. Microwave radiation", *Bioelectrochem Bioenerg* 1998; 44: 251-255

Kwee S, Raskmark P, "Radiofrequency electromagnetic fields and cell proliferation", In: *Electricity and Magnetism in Biology and Medicine* (ed. F Bersani), Kluwer Academic/Plenum Publishers, New York, 1999, pp 187-191

Velizarov S, Raskmark P, Kwee S, "The effects of radiofrequency fields on cell proliferation are non-thermal", *Bioelectrochem Bioenerg* 1999; 48: 177-181

Kwee S, Raskmark P, Velizarov S, "Changes in cellular proteins due to environmental non-ionizing radiation. 1. Heat shock proteins", *Electro- & Magnetobiology* 2001; 20: 165-176

Kwee S, "Effets des champs de micro-ondes des téléphones mobiles sur la croissance des cellules vivantes", In: *Téléphone Mobile, Collection Resurgence* (ed. P Lannoye), Editions Marco Pitteur, Embourg (Belgien), 2001, pp. 121-141

Ye J, Yao K, Zeng Q, Lu D, "Changes in gap junctional intercellular communication in rabbits lens epithelial cells induced by low power density microwave radiation", *Chin Med J (Engl)* 2002; 115: 1873-1876

Zeng QL, Chiang H, Hu GL, Mao GG, Fu YT, Lu DQ, "ELF magnetic fields induce internalization of gap junction protein connexin 43 in Chinese hamster lung cells", *Bioelectromagnetics* 2003; 24: 134-138

Nicolakis P, Kollmitzer J, Crevenna R, Bittner C, Erdogmus CB, Nicolakis J, "Pulsed magnetic field therapy for osteoarthritis of the knee—a double-blind sham-controlled trial", *Wien Klin Wochenschr* 2002; 114: 678-684

Di Luzio S, Felaco M, Barbacane RC, Frydas S, Grilli A, Castellani ML, Macri MA, Di Gioacchino M, Merlitti D, De Lutiis MA, Masci S, Di Giulio C, Cacchio M, Reale M, "Effects of 50 Hz sinusoidal electromagnetic fields on MCP-1 and RANTES generated from activated human macrophages", *Int J Immunopathol Pharmacol* 2001; 14: 169-172

Haupt TA, Pittman DW, Barranco JM, Brooks EH, Smith JC, "Behavioral effects of high-strength static magnetic fields on rats", *J Neurosci* 2003; 23: 1498-1505

Steele RH, "Electromagnetic field generation by ATP-induced reverse electron transfer", *Arch Biochem Biophys* 2003; 411: 1-18

Hardell L, Hansson Mild K, Sandstrom M, Carlberg M, Hallquist A, Pahlson A, "Vestibular schwannoma, tinnitus and cellular telephones", *Neuroepidemiology* 2003; 22: 124-129

Hocking B, Westerman R, "Neurological effects of radiofrequency radiation", *Occup Med (Lond)* 2003; 53: 123-127

Utteridge TD, Gebiski V, Finnie JW, Vernon-Roberts B, Kuchel TR, "Long-term exposure of E-mu-Pim1 transgenic mice to 898.4 MHz microwaves does not increase lymphoma incidence", *Radiat Res* 2002; 158: 357-364

Wielen J, Sandstrom M, Hansson Mild K, "Subjective symptoms among mobile phone users—A consequence of absorption of radiofrequency fields?", *Bioelectromagnetics* 2003; 24: 152-159

Weyandt TB, Schrader SM, Turner TW, Simon SD, "Semen analysis of military personnel associated with military duty assignments", *Reprod Toxicol* 1996; 10: 521-528

Nakamura H, Nagase H, Ogino K, Hatta K, Matsuzaki I, "Uteroplacental circulatory disturbance mediated by prostaglandin f2alpha in rats exposed to microwaves", *Reprod Toxicol* 2000; 14: 235-240

Hu PY, Chu XL, Li JY, Yang D, He P, ["Effect of microwave contraception on human serum testosterone and luteinizing hormone"] [Article in Chinese], *Shengzhi Yu Biyun* 1985; 5: 32-34

Navas-Acien A, Pollan M, Gustavsson P, Floderus B, Plato N, Dosemeci M, "Interactive effect of chemical substances and occupational electromagnetic field exposure on the risk of gliomas and meningiomas in Swedish men", *Cancer Epidemiol Biomarkers Prev* 2002; 11: 1678-1683

Rodvall Y, Ahlbom A, Stenlund C, Preston-Martin S, Lindh T, Spannare B, "Occupational exposure to magnetic fields and brain tumours in central Sweden", *Eur J Epidemiol* 1998; 14: 563-569

Weisbrot D, Lin H, Ye L, Blank M, Goodman R, "Effects of mobile phone radiation on reproduction and development in *Drosophila melanogaster*", *J Cell Biochem* 2003; 89: 48-55

Jokela K, Aaltonen J, Lukkarinen A, "Measurements of electromagnetic emissions from video display terminals at the frequency range from 30 Hz to 1 MHz", *Health Phys* 1989; 57: 79-88

Jajte J, Zmyslony M, Rajkowska E, [Article in Polish], *Med Pr* 2003; 54: 23-28

Woldanska-Okonska M, Czernicki J, [Article in Polish], *Med Pr* 2003; 54: 29-32

Zhao L, Zhao DM, Wei JH, Wang YQ, Huang ZM, ["Effect of extremely low frequency magnetic field on the focal brain injury in rats"] [Article in Japanese], *Space Med Med Eng (Beijing)* 2003; 16: 75-76

Fuller M, Wilson CL, Velasco AL, Dunn JR, Zoeger J, "On the confirmation of an effect of magnetic fields on the interictal firing rate of epileptic patients", *Brain Res Bull* 2003; 60: 43-52

Cao Z, Zhang H, Tao Y, Liu J, ["Effects of microwave radiation on lipid peroxidation and the content of neurotransmitters in mice"] [Article in Chinese], *Wei Sheng Yan Jiu* 2000; 29: 28-29

Johnson MT, McCullough J, Nindl G, Chamberlain JK, "Autoradiographic evaluation of electromagnetic field effects on serotonin (5HT1A) receptors in rat brain", *Biomed Sci Instrum* 2003; 39: 466-470

Tynes T, Klaeboe L, Haldorsen T, "Residential and occupational exposure to 50 Hz magnetic fields and malignant melanoma: a population based study", *Occup Environ Med* 2003; 60: 343-347

Cohly HH, Abraham GE 3rd, Ndebele K, Jenkins JJ, Thompson J, Angel MF, "Effects of static electromagnetic fields on characteristics of MG-63 osteoblasts grown in culture", *Biomed Sci Instrum* 2003; 39: 454-459

Pate K, Benghuzzi H, Tucci M, Puckett A, Cason Z, "Morphological evaluation of MRC-5 fibroblasts after stimulation with static magnetic field and pulsating electromagnetic field", *Biomed Sci Instrum* 2003; 39: 460-465

Jiang Y, Ruta V, Chen J, Lee A, MacKinnon R, "The principle of gating charge movement in a voltage-dependent K(+) channel", *Nature* 2003; 423: 42-48

Valic B, Golzio M, Pavlin M, Schatz A, Faurie C, Gabriel B, Teissie J, Rols MP, Miklavcic D, "Effect of electric field induced transmembrane potential on spheroidal cells: theory and experiment", *Eur Biophys J* 2003; [epub ahead of print]

Cho YH, Chung HW, "The effect of extremely low frequency electromagnetic fields (ELF-EMF) on the frequency of micronuclei and sister chromatid exchange in human lymphocytes induced by benzo(a)pyrene", *Toxicol Lett* 2003; 143: 37-44

Heikkinen P, Kosma VM, Alhonen L, Huuskonen H, Komulainen H, Kumlin T, Laitinen JT, Lang S, Puranen L, Juutilainen J, "Effects of mobile phone radiation on UV-induced skin tumorigenesis in ornithine decarboxylase transgenic and non-transgenic mice", *Int J Radiat Biol* 2003; 79: 221-233

Nascimento LF, Botura Jr G, Mota RP, "Glucose consume and growth of E. coli under electromagnetic field", *Rev Inst Med Trop Sao Paulo* 2003; 45: 65-67

de Pomerai DI, Smith B, Dawe A, North K, Smith T, Archer DB, Duce IR, Jones D, Candido EP, "Microwave radiation can alter protein conformation without bulk heating", *FEBS Lett* 2003; 543: 93-97

Hutter H-P, Moshammer H, Kundi M, "Mobile telephone base-stations: Effects on health and wellbeing", 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, 7-11 October 2002

Navarro EA, Segura J, Gómez-Perretta C, Portolés M, Maestu C, Bardasano JL, "About the effects of microwave exposure from cellular phone base stations: a first approach", 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, 7-11 October 2002

Haumann T, Sierck P, "Nonstop pulsed 2.4 GHz radiation inside US homes", 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, 7-11 October 2002

Röösli M, Moser M, Meier M, Braun-Fahrländer C, "Health symptoms associated with electromagnetic radiation - a questionnaire survey", 2nd International Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, 7-11 October 2002

Nakamura H, Matsuzaki I, Hatta K, Nobukuni Y, Kambayashi Y, Ogino K, "Nonthermal effects of mobile-phone frequency microwaves on uteroplacental functions in pregnant rats", *Reprod Toxicol* 2003; 17: 321-326

Kimata H, "Enhancement of allergic skin wheal responses in patients with atopic eczema/dermatitis syndrome by playing video games or by a frequently ringing mobile phone", *Eur J Clin Invest* 2003; 33: 513-517

Belokrinitskii VS, Tomashevskaja LA, Konobeeva GI, ["Ultracytochemical changes in the brain and liver in exposure to low-intensity nonionizing microwave radiation"] [Article in Russian], *Biull Eksp Biol Med* 1982; 93: 112-116

Suvorov NB, Medvedeva MV, Vasilevskii NN, ["Neuroeffects of prolonged exposure to microwaves: systemic, neuronal and electron microscope study"] [Article in Russian], *Radiobiologiya* 1987; 27: 674-679

Suvorov NB, Medvedeva MV, Vasilevskii NN, Ur'iash VV, Aleksandrova ZhG, ["Cumulated biological effects of microwaves and their reflection in behavior, work capacity, growth of body mass and state of brain neurons"] [Article in Russian], *Radiobiologiya* 1989; 29: 660-666

Jensh RP, Vogel WH, Brent RL, "An evaluation of the teratogenic potential of protracted exposure of pregnant rats to 2450-MHz microwave radiation. II. Postnatal psychophysiological analysis", *J Toxicol Environ Health* 1983; 11: 37-59

Oscar KJ, Hawkins TD, "Microwave alteration of the blood-brain barrier system of rats", *Brain Res* 1977; 126: 281-293

Moneda AP, Ioannidou MP, Chrissoulidis DP, "Radio-wave exposure of the human head: analytical study based on a versatile eccentric spheres model including a brain core and a pair of eyeballs", *IEEE Trans Biomed Eng* 2003; 50: 667-676

Marino AA, Nilsen E, Frilot C, "Nonlinear changes in brain electrical activity due to cell phone radiation", *Bioelectromagnetics* 2003; 24: 339-346

Roosli M, Rapp R, Braun-Fahrländer C, ["Radio and microwave frequency radiation and health - an analysis of the literature"] [Article in German], *Gesundheitswesen* 2003; 65: 378-392

Seishima M, Oyama Z, Oda M, "Cellular phone dermatitis with chromate allergy", *Dermatology* 2003; 207: 48-50

Monfrecola G, Moffa G, Procaccini EM, "Non-ionizing electromagnetic radiations, emitted by a cellular phone, modify cutaneous blood flow", *Dermatology* 2003; 207: 10-14

Feychting M, Jonsson F, Pedersen NL, Ahlbom A, "Occupational magnetic field exposure and neurodegenerative disease", *Epidemiology* 2003; 14: 413-419

Beraldi R, Sciamanna I, Mangiacasale R, Lorenzini R, Spadafora C, "Mouse early embryos obtained by natural breeding or in vitro fertilization display a differential sensitivity to extremely low-frequency electromagnetic fields", *Mutat Res* 2003; 538: 163-170

Volpe P, "Interactions of zero-frequency and oscillating magnetic fields with biostructures and biosystems", *Photochem Photobiol Sci* 2003; 2: 637-648

Kramarenko AV, Tan U, "Effects of high-frequency electromagnetic fields on human EEG: A brain mapping study", *Int J Neurosci* 2003; 113: 1007-1019

Kato M, Honma K, Shigemitsu T, Shiga Y, "Circularly polarized 50-Hz magnetic field exposure reduces pineal gland and blood melatonin concentrations of Long-Evans rats", *Neurosci Lett* 1994; 166: 59-62

Rajkovic V, Matavulj M, Gledic D, Lazetic B, "Evaluation of rat thyroid gland morphophysiological status after three months exposure to 50 Hz electromagnetic field", *Tissue Cell* 2003; 35: 223-231

Ivancsits S, Diem E, Jahn O, Rudiger HW, "Intermittent extremely low frequency electromagnetic fields cause DNA damage in a dose-dependent way", *Int Arch Occup Environ Health* 2003 Jun 12

Lee TM, Lam PK, Yee LT, Chan CC, "The effect of the duration of exposure to the electromagnetic field emitted by mobile phones on human attention", *Neuroreport* 2003; 14: 1361-1364

Santini MT, Rainaldi G, Ferrante A, Indovina PL, Vecchia P, Donelli G, "Effects of a 50 Hz sinusoidal magnetic field on cell adhesion molecule expression in two human osteosarcoma cell lines (MG-63 and Saos-2)", *Bioelectromagnetics* 2003; 24: 327-338

Beruto DT, Botter R, Perfumo F, Scaglione S, "Interfacial effect of extremely low frequency electromagnetic fields (EM-ELF) on the vaporization step of carbon dioxide from aqueous solutions of body simulated fluid (SBF)", *Bioelectromagnetics* 2003; 24: 251-261

Kramarenko AV, Tan U, " Effects of high-frequency electromagnetic fields on human EEG: A brain mapping study", *Int J Neurosci* 2003; 113: 1007-1019

Leitgeb N, Schröttner J, "Electrosensibility and electromagnetic hypersensitivity", *Bioelectromagnetics* 2003; 24: 387-394

Leitgeb N, Schroettner J, "Electric current perception study challenges electric safety limits", *J Med Eng Technol* 2002; 26: 168-172

Roelandts R, "Cellular phones and the skin", *Dermatology* 2003; 207: 3-5

Haider T, Knasmueller S, Kundi M, Haider M, "Clastogenic effects of radiofrequency radiations on chromosomes of *Tradescantia*", *Mutat Res* 1994; 324: 65-68

Hansson Mild K, Hardell L, Kundi M, Mattsson MO, "Mobile telephones and cancer: Is there really no evidence of an association?", *Int J Mol Med* 2003; 12: 67-72

Santini R, Santini P, Danze JM, Le Ruz P, Seigne M, "Symptoms experienced by people in vicinity of base stations: II/ Incidences of age, duration of exposure, location of subjects in relation to the antennas and other electromagnetic factors" [Article in French], *Pathol Biol (Paris)* 2003; 51: 412-415

Anane R, Dulou PE, Taxile M, Geffard M, Crespeau FL, Veyret B, "Effects of GSM-900 microwaves on DMBA-induced mammary gland tumors in female Sprague-Dawley rats", *Radiat Res* 2003; 160: 492-497

Deadman JE, Armstrong BG, McBride ML, Gallagher R, Theriault G, "Exposures of children in Canada to 60-Hz magnetic and electric fields", *Scand J Work Environ Health* 1999; 25: 368-375

Kheifets LI, Gilbert ES, Sussman SS, Guenel P, Sahl JD, Savitz DA, Theriault G, "Comparative analyses of the studies of magnetic fields and cancer in electric utility workers: studies from France, Canada, and the United States", *Occup Environ Med* 1999; 56: 567-574

McBride ML, Gallagher RP, Theriault G, Armstrong BG, Tamaro S, Spinelli JJ, Deadman JE, Fincham S, Robson D, Choi W, "Power-frequency electric and magnetic fields and risk of childhood leukemia in Canada", *Am J Epidemiol* 1999; 149: 831-842 [Erratum in: *Am J Epidemiol* 1999; 150: 223]

Deadman JE, Church G, Bradley C, Armstrong BG, Theriault G, "Task-based estimation of past exposures to 60-hertz magnetic and electric fields at an electrical utility", *Scand J Work Environ Health* 1997; 23: 440-449

Theriault G, Li CY, "Risks of leukaemia among residents close to high voltage transmission electric lines", *Occup Environ Med* 1997; 54: 625-628

Li CY, Theriault G, Lin RS, "A validity analysis of residential magnetic fields estimated from high-voltage transmission lines", *J Expo Anal Environ Epidemiol* 1997; 7: 493-504

Savitz DA, Dufort V, Armstrong B, Theriault G, "Lung cancer in relation to employment in the electrical utility industry and exposure to magnetic fields", *Occup Environ Med* 1997; 54: 396-402

Li CY, Theriault G, Lin RS, "Residential exposure to 60-Hertz magnetic fields and adult cancers in Taiwan", *Epidemiology* 1997; 8: 25-30

Deadman JE, Armstrong BG, Theriault G, "Exposure to 60-Hz magnetic and electric fields at a Canadian electric utility", *Scand J Work Environ Health* 1996; 22: 415-424

Li CY, Theriault G, Lin RS, "Epidemiological appraisal of studies of residential exposure to power frequency magnetic fields and adult cancers", *Occup Environ Med* 1996; 53: 505-510

Baris D, Armstrong BG, Deadman J, Theriault G, "A mortality study of electrical utility workers in Quebec", *Occup Environ Med* 1996; 53: 25-31

Baris D, Armstrong BG, Deadman J, Theriault G, "A case cohort study of suicide in relation to exposure to electric and magnetic fields among electrical utility workers", *Occup Environ Med* 1996; 53: 17-24

Armstrong B, Theriault G, Guenel P, Deadman J, Goldberg M, Heroux P, "Association between exposure to pulsed electromagnetic fields and cancer in electric utility workers in Quebec, Canada, and France", *Am J Epidemiol* 1994; 140: 805-820

Theriault R, Theriault G, Simoneau JA, "Human skeletal muscle adaptation in response to chronic low-frequency electrical stimulation", *J Appl Physiol* 1994; 77: 1885-1889

Theriault G, Goldberg M, Miller AB, Armstrong B, Guenel P, Deadman J, Imbernon E, To T, Chevalier A, Cyr D, et al, "Cancer risks associated with occupational exposure to magnetic fields among electric utility workers in Ontario and Quebec, Canada, and France: 1970-1989", *Am J Epidemiol* 1994; 139: 550-572 [Erratum in: *Am J Epidemiol* 1994; 139: 1053]

DeGuire L, Cyr D, Theriault G, Provencher S, Iturra H, Case BW, "Malignant melanoma of the skin among workers in a telecommunications industry: mortality study 1976-83", *Br J Ind Med* 1992; 49: 728-731

Theriault G, "Electromagnetic fields and cancer risks", *Rev Epidemiol Sante Publique* 1992; 40 Suppl 1: S55-S62

Armstrong BG, Deadman JE, Theriault G, "Comparison of indices of ambient exposure to 60-hertz electric and magnetic fields", *Bioelectromagnetics* 1990; 11: 337-347

Theriault G, "Cancer risks due to exposure to electromagnetic fields", *Recent Results Cancer Res* 1990; 120: 166-180.

De Guire L, Theriault G, Iturra H, Provencher S, Cyr D, Case BW, "Increased incidence of malignant melanoma of the skin in workers in a telecommunications industry", *Br J Ind Med* 1988; 45: 824-828

Deadman JE, Camus M, Armstrong BG, Heroux P, Cyr D, Plante M, Theriault G, "Occupational and residential 60-Hz electromagnetic fields and high-frequency electric transients: exposure assessment using a new dosimeter", *Am Ind Hyg Assoc J* 1988; 49: 409-419 [Erratum in: *Am Ind Hyg Assoc J* 1996; 57: 580-583]

Hakansson N, Gustavsson P, Sastre A, Floderus B, "Occupational exposure to extremely low frequency magnetic fields and mortality from cardiovascular disease", *Am J Epidemiol* 2003; 158: 534-542

Lewy H, Massot O, Touitou Y, "Magnetic field (50 Hz) increases N-acetyltransferase, hydroxy-indole-O-methyltransferase activity and melatonin release through an indirect pathway", *Int J Radiat Biol* 2003; 79: 431-435

Gadhia PK, Shah T, Mistry A, Pithawala M, Tamakuwala D, "A preliminary study to assess possible chromosomal damage among users of digital mobile phones", *Electromagn Biol Med* 2003; 22: 149-159

Charles LE, Loomis D, Shy CM, Newman B, Millikan R, Nylander-French LA, Couper D, "Electromagnetic fields, polychlorinated biphenyls, and prostate cancer mortality in electric utility workers", *Am J Epidemiol* 2003; 157: 683-691

Harmanci H, Emre M, Gurvit H, Bilgic B, Hanagasi H, Gurol E, Sahin H, Tinaz S, "Risk factors for Alzheimer disease: a population-based case-control study in Istanbul, Turkey", *Alzheimer Dis Assoc Disord* 2003; 17: 139-145

Vangelova K, Israel M, Mihaylov S, "The effect of low level radiofrequency electromagnetic radiation on the excretion rates of stress hormones in operators during 24-hour shifts", *Cent Eur J Public Health*. 2002; 10: 24-28

Hone P, Edwards A, Halls J, Cox R, Lloyd D, "Possible associations between ELF electromagnetic fields, DNA damage response processes and childhood leukaemia", *Br J Cancer* 2003; 88: 1939-1941

de Pomerai DI, Smith B, Dawe A, North K, Smith T, Archer DB, Duce IR, Jones D, Candido EP, "Microwave radiation can alter protein conformation without bulk heating", *FEBS Lett* 2003; 543: 93-97

Zwamborn APM, Vossen SHJA, van Leersum BJAM, Ouwens MA, Mäkel WN, "Effects of global communication system radio-frequency fields on well being and cognitive functions of human subjects with and without subjective complaints", *TNO-report FEL-03-C148* 2003; 148: 1-89
[http://www.ez.nl/beleid/home_ond/gsm/docs/TNO-FEL_REPORT_03148_Definitief.pdf]

Gagnon ZE, Newkirk C, Conetta JA, Sama MA, Sisselman S, "Teratogenic effect of broad-band electromagnetic field on neonatal mice (*Mus musculus*)", *J Environ Sci Health Part A Tox Hazard Subst Environ Eng* 2003; 38: 2465-2481

Verma M, Dutta SK, "Microwave induced alteration in the neuron specific enolase gene expression", *Cancer Biochem Biophys* 1993; 13: 239-244

Dutta SK, Subramoniam A, Ghosh B, Parshad R, "Microwave radiation-induced calcium ion efflux from human neuroblastoma cells in culture", *Bioelectromagnetics* 1984; 5: 71-78

Fesenko EE, Makar VR, Novoselova EG, Sadovnikov VB, "Microwaves and cellular immunity. I. Effect of whole body microwave irradiation on tumor necrosis factor production in mouse cells", *Bioelectrochem Bioenerg* 1999; 49: 29-35

Geletyuk VI, Kazachenko VN, Chemeris NK, Fesenko EE, "Dual effects of microwaves on single Ca(2+)-activated K⁺ channels in cultured kidney cells Vero", FEBS Lett 1995; 359: 85-88

Ray S, Behari J, "Physiological changes in rats after exposure to low levels of microwaves", Radiat Res 1990; 123: 199-202

Singh N, Rudra N, Bansal P, Mathur R, Behari J, Nayar U, "Poly ADP ribosylation as a possible mechanism of microwave--biointeraction", Indian J Physiol Pharmacol 1994; 38: 181-184

Popov VI, Rogachevskii VV, Gapeev AB, Khramov RN, Fesenko EE, ["Degranulation of skin mast cells caused by high frequency electromagnetic irradiation of low intensity"] [Article in Russian], Biofizika 2001; 46: 1096-1102

Mileva K, Georgieva B, Radicheva N, "About the biological effects of high and extremely high frequency electromagnetic fields", Acta Physiol Pharmacol Bulg 2003; 27: 89-100

Baureus Koch CL, Sommarin M, Persson BR, Salford LG, Eberhardt J, "Interaction between weak low frequency magnetic fields and cell membranes", Bioelectromagnetics 2003; 24: 395-402

Kimata H, "Enhancement of allergic skin wheal responses in patients with atopic eczema/dermatitis syndrome by playing video games or by a frequently ringing mobile phone", Eur J Clin Invest 2003; 33: 513-517

Kimata H, "Enhancement of allergic skin wheal responses and in vitro allergen-specific IgE production by computer-induced stress in patients with atopic dermatitis", Brain Behav Immun 2003; 17: 134-138

Ali FM, Mohamed WS, Mohamed MR, "Effect of 50 Hz, 0.2 mT magnetic fields on RBC properties and heart functions of albino rats", Bioelectromagnetics 2003; 24: 535-545

Balode Z, "Assessment of radio-frequency electromagnetic radiation by the micronucleus test in bovine peripheral erythrocytes", Sci Total Environ 1996; 180: 81-85

Boscol P, Di Sciascio MB, D'Ostilio S, Del Signore A, Reale M, Conti P, Bavazzano P, Paganelli R, Di Gioacchino M, "Effects of electromagnetic fields produced by radiotelevision broadcasting stations on the immune system of women", Sci Total Environ 2001; 273: 1-10

Dutta SK, Verma M, Blackman CF, "Frequency-dependent alterations in enolase activity in Escherichia coli caused by exposure to electric and magnetic fields", Bioelectromagnetics 1994; 15: 377-383

Michelozzi P, Capon A, Kirchmayer U, Forastiere F, Biggeri A, Barca A, Perucci CA, "Adult and childhood leukemia near a high-power radio station in Rome, Italy", Am J Epidemiol 2002; 155: 1096-1103

Somosy Z, Thuroczy G, Koteles GJ, Kovacs J, "Effects of modulated microwave and X-ray irradiation on the activity and distribution of Ca(2+)-ATPase in small intestine epithelial cells", Scanning Microsc 1994; 8: 613-619

Somosy Z, Thuroczy G, Kovacs J, "Effects of modulated and continuous microwave irradiation on pyroantimonate precipitable calcium content in junctional complex of mouse small intestine", Scanning Microsc 1993; 7: 1255-1261

Isa AR, Noor M, " Non-ionizing radiation exposure causing ill-health and alopecia areata", Med J Malaysia 1991; 46: 235-238

Freude G, Ullsperger P, Eggert S, Ruppe I, "Microwaves emitted by cellular telephones affect human slow brain potentials", Eur J Appl Physiol. 2000; 81: 18-27

Weyandt TB, Schrader SM, Turner TW, Simon SD, "Semen analysis of military personnel associated with military duty assignments", *Reprod Toxicol* 1996; 10: 521-528

Neshev NN, Kirilova EI, "Environmental-health aspects of pulse-modulated microwaves", *Rev Environ Health* 1996; 11: 85-88

Oftedal G, Wilen J, Sandstrom M, Mild KH, "Symptoms experienced in connection with mobile phone use", *Occup Med (Lond)* 2000; 50: 237-245

Bortkiewicz A, ["A study on the biological effects of exposure mobile-phone frequency EMF"] [Article in Polish], *Med Pr* 2001; 52: 101-106

Hakansson N, Gustavsson P, Johansen C, Floderus B, "Neurodegenerative diseases in welders and other workers exposed to high levels of magnetic fields", *Epidemiology* 2003; 14: 420-426

Marinelli F, La Sala D, Ciccioiti G, Cattini L, Trimarchi C, Putti S, Zamparelli A, Giuliani L, Tomassetti G, Cinti C, "Exposure to 900 MHz electromagnetic field induces an unbalance between pro-apoptotic and pro-survival signals in T-lymphoblastoid leukemia CCRF-CEM cells", *J Cell Physiol* 2004; 198: 324-332

Gobba F, [Article in Italian], *G Ital Med Lav Ergon* 2003; 25: 371-372

Nie K, Henderson A, "MAP kinase activation in cells exposed to a 60 Hz electromagnetic field", *J Cell Biochem* 2003; 90: 1197-1206

Korneva HA, Grigoriev VA, Isaeva EN, Kaloshina SM, Barnes FS, "Effects of low-level 50 Hz magnetic fields on the level of host defense and on spleen colony formation", *Bioelectromagnetics* 1999; 20: 57-63

Grigoriev IuG, ["Delayed biological effect of electromagnetic fields action"] [Article in Russian], *Radiats Biol Radioecol* 2000; 40: 217-225

De Roos AJ, Teschke K, Savitz DA, Poole C, Grufferman S, Pollock BH, Olshan AF, "Parental occupational exposures to electromagnetic fields and radiation and the incidence of neuroblastoma in offspring", *Epidemiology* 2001; 12: 508-517

Olshan AF, De Roos AJ, Teschke K, Neglia JP, Stram DO, Pollock BH, Castleberry RP, "Neuroblastoma and parental occupation", *Cancer Causes Control* 1999; 10: 539-549

Lalic H, Lekic A, Radosevic-Stasic B, "Comparison of chromosome aberrations in peripheral blood lymphocytes from people occupationally exposed to ionizing and radiofrequency radiation", *Acta Med Okayama* 2001; 55: 117-127

Semin IuA, Zhavoronkov LP, Voron'ko IaV, Shvartsburg LK, Rozhkova OM, ["The efficiency and direction of thymus changes after whole-body exposure of mice to the weak electromagnetic field are determined by the initial status of the thymus"] [Article in Russian], *Radiats Biol Radioecol* 2003; 43: 524-527

Grigor'ev IuG, ["Biological effects of mobile phone electromagnetic field on chick embryo (risk assessment using the mortality rate)"] [Article in Russian], *Radiats Biol Radioecol* 2003; 43: 541-543

Wilen J, Hornsten R, Sandstrom M, Bjerle P, Wiklund U, Stensson O, Lyskov E, Mild KH, "Electromagnetic field exposure and health among RF plastic sealer operators", *Bioelectromagnetics* 2004; 25: 5-15

Krause CM, Haarala C, Sillanmaki L, Koivisto M, Alanko K, Revonsuo A, Laine M, Hamalainen H, "Effects of electromagnetic field emitted by cellular phones on the EEG during an auditory memory task: A double blind replication study", *Bioelectromagnetics* 2004; 25: 33-40

Shupak NM, Hensel JM, Cross-Mellor SK, Kavaliers M, Prato FS, Thomas AW, "Analgesic and behavioral effects of a 100 microT specific pulsed extremely low frequency magnetic field on control and morphine treated CF-1 mice", *Neurosci Lett* 2004; 354: 30-33

Czyz J, Nikolova T, Schuderer J, Kuster N, Wobus AM, "Non-thermal effects of power-line magnetic fields (50Hz) on gene expression levels of pluripotent embryonic stem cells-the role of tumour suppressor p53", *Mutat Res* 2004; 557: 63-74

Wang KJ, Yao K, Lu DQ, Jiang H, Tan J, Xu W, ["Effect of low-intensity microwave radiation on proliferation of cultured epithelial cells of rabbit lens"] [Article in Chinese], *Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi* 2003; 21: 346-349

Ilhan A, Gurel A, Armutcu F, Kamisli S, Iraz M, Akyol O, Ozen S, "Ginkgo biloba prevents mobile phone-induced oxidative stress in rat brain", *Clin Chim Acta* 2004; 340: 153-162

Leszczynski D, Nylund R, Joenvaara S, Reivinen J, "Applicability of discovery science approach to determine biological effects of mobile phone radiation", *Proteomics* 2004; 4: 426-431

Liu Y, Yu YM, Weng EQ, ["Effects of extremely low frequency electromagnetic fields on the level of c-fos mRNA in brain and liver of mouse"] [Article in Chinese], *Zhonghua Lao Dong Wei Sheng Zhi Ye Bing Za Zhi* 2003; 21: 335-338

Wang JH, Cain SD, Lohmann KJ, "Identifiable neurons inhibited by Earth-strength magnetic stimuli in the mollusc *Tritonia diomedea*", *J Exp Biol* 2004; 207: 1043-1049

Ichinose TY, Burch JB, Noonan CW, Yost MG, Keefe TJ, Bachand A, Mandeville R, Reif JS, "Immune markers and ornithine decarboxylase activity among electric utility workers", *J Occup Environ Med* 2004; 46: 104-112

Hamblin DL, Wood AW, Croft RJ, Stough C, "Examining the effects of electromagnetic fields emitted by GSM mobile phones on human event-related potentials and performance during an auditory task", *Clin Neurophysiol* 2004; 115: 171-178

Stevens P, "Effects of 5 s exposures to a 50 microT, 20 Hz magnetic field on skin conductance and ratings of affect and arousal", *Bioelectromagnetics* 2001; 22: 219-223

Anttila K, "Mycotoxins, fungus and 'electrohypersensitivity'", *Med Hypotheses* 2000; 55: 208-214

Papi F, Ghione S, Rosa C, Del Seppia C, Luschi P, "Exposure to oscillating magnetic fields influences sensitivity to electrical stimuli. II. Experiments on humans", *Bioelectromagnetics* 1995; 16: 295-300

Hardell L, Hansson Mild K, Johansson B, "Cellular and cordless telephones and basal cell carcinoma: A case report", *Arch Environ Health* 2003; 58: 380-382

D'Costa H, Trueman G, Tang L, Abdel-Rahman U, Abdel-Rahman W, Ong K, Cosic I, "Human brain wave activity during exposure to radiofrequency field emissions from mobile phones", *Australas Phys Eng Sci Med* 2003; 26: 162-167

Jokela K, Puranen L, Sihvonen AP, "Assessment of the magnetic field exposure due to the battery current of digital mobile phones", *Health Phys* 2004; 86: 56-66

Roosli M, Moser M, Baldinini Y, Meier M, Braun-Fahrlander C, "Symptoms of ill health ascribed to electromagnetic field exposure--a questionnaire survey", *Int J Hyg Environ Health* 2004; 207: 141-150

Sobel E, Davanipour Z, Sulkava R, Erkinjuntti T, Wikstrom J, Henderson VW, Buckwalter G, Bowman JD, Lee PJ, "Occupations with exposure to electromagnetic fields: a possible risk factor for Alzheimer's disease", *Am J Epidemiol* 1995; 142: 515-524

Harremoës P, Gee D, MacGarvin M, Stirling A, Keys J, Wynne B, Guedes Vaz S (editors), "Late lessons from early warnings: the precautionary principle 1896-2000", Environmental Issue Report No 22, European Environment Agency, Luxembourg & Copenhagen: Office for Official Publications of the European Communities, 2001, ISBN 92-9167-323-4, http://reports.eea.eu.int/environmental_issue_reort_2001_22/en/Issie_Report_No_2_2.pdf

Rieger KE, Hong WJ, Tusher VG, Tang J, Tibshirani R, Chu G, "Toxicity from radiation therapy associated with abnormal transcriptional responses to DNA damage", *Proc Natl Acad Sci U S A*. 2004, Apr 19. [Epub ahead of print]

Hinrichs H, Heinze HJ, "Effects of GSM electromagnetic field on the MEG during an encoding-retrieval task", *Neuroreport* 2004; 15: 1191-1194

Shaw CI, Kacmarek RM, Hampton RL, Riggi V, Masry AE, Cooper JB, Hurford WE, "Cellular phone interference with the operation of mechanical ventilators", *Crit Care Med* 2004; 32: 928-931

Lai H, Singh NP, "Magnetic-field-induced DNA strand breaks in brain cells of the rat", *Environ Health Perspect* 2004; 112: 687-694

Kirson ED, Gurvich Z, Schneiderman R, Dekel E, Itzhaki A, Wasserman Y, Schatzberger R, Palti Y, "Disruption of cancer cell replication by alternating electric fields", *Cancer Res* 2004; 64: 3288-3295

Ghione S, Del Seppia C, Mezzasalma L, Emdin M, Luschi P, "Human head exposure to a 37 Hz electromagnetic field: Effects on blood pressure, somatosensory perception, and related parameters", *Bioelectromagnetics* 2004; 25: 167-175

Kliukiene J, Tynes T, Andersen A, "Follow-up of radio and telegraph operators with exposure to electromagnetic fields and risk of breast cancer", *Eur J Cancer Prev* 2003; 12: 301-307

Kliukiene J, Tynes T, Andersen A, "Residential and occupational exposures to 50-Hz magnetic fields and breast cancer in women: a population-based study", *Am J Epidemiol* 2004; 159: 852-861

Kliukiene J, Tynes T, Andersen A, "Risk of breast cancer among Norwegian women with visual impairment", *Br J Cancer* 2001; 84: 397-399

Kliukiene J, Tynes T, Martinsen JI, Blaasaas KG, Andersen A, "Incidence of breast cancer in a Norwegian cohort of women with potential workplace exposure to 50 Hz magnetic fields", *Am J Ind Med* 1999; 36: 147-154

Kliukiene J, Andersen A, "Survival of breast cancer patients in Lithuania and Norway, 1988-1992", *Eur J Cancer* 1998; 34: 372-377

Ritz T, Thalau P, Phillips JB, Wiltchko RW, Wiltchko W, "Resonance effects indicate a radical-pair mechanism for avian magnetic compass", *Nature* 2004; 429: 177-180; doi:10.1038/nature02534

Semm P, Beason RC, "Responses to small magnetic variations by the trigeminal system of the bobolink", *Brain Res Bull* 1990; 25: 735-740

Liboff AR, Jenrow KA, "New model for the avian magnetic compass", *Bioelectromagnetics* 2000; 21: 555-565

Hong FT, "Magnetic field effects on biomolecules, cells, and living organisms", *Biosystems* 1995; 36: 187-229

Cook CM, Thomas AW, Prato FS, "Resting EEG is affected by exposure to a pulsed ELF magnetic field", *Bioelectromagnetics* 2004; 25: 196-203

Marino AA, Nilsen E, Chesson AL Jr, Frilot C, "Effect of low-frequency magnetic fields on brain electrical activity in human subjects", *Clin Neurophysiol* 2004; 115: 1195-1201

Martinoia S, Massobrio P, "ISFET-neuron junction: circuit models and extracellular signal simulations", *Biosens Bioelectron* 2004; 19(: 1487-1496

Blank M, Goodman R, "Initial interactions in electromagnetic field-induced biosynthesis", *J Cell Physiol* 2004; 199: 359-363

Koyama S, Nakahara T, Hirose H, Ding GR, Takashima Y, Isozumi Y, Miyakoshi J, "ELF electromagnetic fields increase hydrogen peroxide (H₂O₂)-induced mutations in pTN89 plasmids", *Mutat Res* 2004; 560: 27-32

Kane RC, "A possible association between fetal/neonatal exposure to radiofrequency electromagnetic radiation and the increased incidence of autism spectrum disorders (ASD)", *Med Hypotheses* 2004; 62: 195-197

Lappin MS, Lawrie FW, Richards TL, Kramer ED, "Effects of a pulsed electromagnetic therapy on multiple sclerosis fatigue and quality of life: a double-blind, placebo controlled trial", *Altern Ther Health Med* 2003; 9: 38-48

Brola W, Wegrzyn W, Czernicki J, ["Effect of variable magnetic field on motor impairment and quality of life in patients with multiple sclerosis"] [Article in Polish], *Wiad Lek* 2002; 55: 136-143

Murphy CB, Hashimoto SA, Graeb D, Thiessen BA, "Clinical exacerbation of multiple sclerosis following radiotherapy", *Arch Neurol* 2003; 60: 273-275

Nylund R, Leszczynski D, "Proteomics analysis of human endothelial cell line EA.hy926 after exposure to GSM 900 radiation", *Proteomics* 2004; 4: 1359-1365

Ichinose TY, Burch JB, Noonan CW, Yost MG, Keefe TJ, Bachand A, Mandeville R, Reif JS, "Immune markers and ornithine decarboxylase activity among electric utility workers", *J Occup Environ Med* 2004; 46: 104-112

Al-Khlaiwi T, Meo SA, "Association of mobile phone radiation with fatigue, headache, dizziness, tension and sleep disturbance in Saudi population", *Saudi Med J* 2004; 25: 732-736

Kundi M, "Mobile phone use and cancer", *Occup Environ Med* 2004; 61: 560-570

Westerman R, Hocking B, "Diseases of modern living: neurological changes associated with mobile phones and radiofrequency radiation in humans", *Neurosci Lett* 2004; 361: 13-16

Hutter HP, Moshammer H, Wallner P, Kundi M, "Public perception of risk concerning celltowers and mobile phones", *Soz Praventivmed* 2004; 49: 62-66

Park SK, Ha M, Im H-J, "Ecological study on residences in the vicinity of AM radio broadcasting towers and cancer death: preliminary observations in Korea", *Int Arch Occup Environ Health*, 2004

Lonn S, Forssén U, Vecchia P, Ahlbom A, Feychting M, "Output power levels from mobile phones in different geographical areas; implications for exposure assessment", *Occup Environ Med* 2004; 61: 769-772

Kundi M, Hansson Mild K, Hardell L, Mattsson M-O, "Mobile telephones and cancer - A review of epidemiological evidence", *J Toxicol Environ Health, Part B* 2004; 7: 351-384

Wang L, Hilliges M, Jernberg T, Wiegleb-Edstrom D, Johansson O, "Protein gene product 9.5-immunoreactive nerve fibres and cells in human skin", *Cell Tissue Res* 1990; 261: 25-33

Johansson O, Hilliges M, Bjornhagen V, Hall K, "Skin changes in patients claiming to suffer from "screen dermatitis": a two-case open-field provocation study", *Exp Dermatol* 1994; 3: 234-238

Johansson O, Virtanen M, Hilliges M, "Histaminergic nerves demonstrated in the skin. A new direct mode of neurogenic inflammation?", *Exp Dermatol* 1995; 4: 93-96

Johansson O, "Elöverkänslighet samt överkänslighet mot mobiltelefoner: Resultat från en dubbel-blind provokationsstudie av metodstudiekaraktär", *Enheten för Experimentell Dermatologi, Karolinska Institutet, Stockholm, Rapport nr. 2, 1995, ISSN 1400-6111*

Johansson O, Liu P-Y, "Electrosensitivity", "electrosupersensitivity" and "screen dermatitis": preliminary observations from on-going studies in the human skin", In: *Proceedings of the COST 244: Biomedical Effects of Electromagnetic Fields - Workshop on Electromagnetic Hypersensitivity (ed.D Simunic), EU/EC (DG XIII), Brussels/Graz, 1995, pp 52-57*

Hilliges M, Wang L, Johansson O, "Ultrastructural evidence for nerve fibers within all vital layers of the human epidermis", *J Invest Dermatol* 1995; 104: 134-137

Johansson O, Hilliges M, Han SW, "A screening of skin changes, with special emphasis on neurochemical marker antibody evaluation, in patients claiming to suffer from screen dermatitis as compared to normal healthy controls", *Exp Dermatol* 1996; 5: 279-285

Johansson O, "Några tankar kring elöverkänslighet och bildskärmsskada", *Enheten för Experimentell Dermatologi, Karolinska Institutet, Stockholm, Rapport nr. 1, 1996, ISSN 1400-6111*

Gangi S, Johansson O, "Skin changes in "screen dermatitis" versus classical UV- and ionizing irradiation-related damage--similarities and differences. Two neuroscientists' speculative review", *Exp Dermatol* 1997; 6: 283-291

Johansson O, Liu PY, Bondesson L, Nordlind K, Olsson MJ, Lontz W, Verhofstad A, Liang Y, Gangi S, "A serotonin-like immunoreactivity is present in human cutaneous melanocytes", *J Invest Dermatol* 1998; 111: 1010-1014

Johansson O, Liu P-Y, "No differences found by immunohistochemical screening of certain neuropeptides in patients suffering from so-called "screen dermatitis"", *Enheten för Experimentell Dermatologi, Karolinska Institutet, Stockholm, Rapport nr. 3, 1998, ISSN 1400-6111*

Johansson O, Wang L, Hilliges M, Liang Y, "Intraepidermal nerves in human skin: PGP 9.5 immunohistochemistry with special reference to the nerve density in skin from different body regions", *J Peripher Nerv Syst* 1999; 4: 43-52

Hilliges, M, Johansson O, "Comparative analysis of numerical estimation methods of epithelial nerve fibers using tissue sections", *J Peripher Nerv Syst* 1999; 4: 53-57

Johansson O, Fantini F, Hu H, "Neuronal structural proteins, transmitters, transmitter enzymes and neuropeptides in human Meissner's corpuscles: a reappraisal using immunohistochemistry", Arch Dermatol Res 1999; 291: 419-424

Johansson O, Liu P-Y, Enhamre A, Wetterberg L, "A case of extreme and general cutaneous light sensitivity in combination with so-called 'screen dermatitis' and 'electrosensitivity' - a successful rehabilitation after vitamin A treatment - a case report", J Aust Coll Nutr & Env Med 1999; 18: 13-16

Bornehag C-G, Hamnerius Y, Hult M, Johansson O, Norrby C, Åberg U, "Hälsomässig och teknisk utvärdering av fyra elsanerade bostäder i kvarteret Haubitsen, Uppsala", Enheten för Experimentell Dermatologi, Karolinska Institutet, Stockholm, Rapport nr. 4, 1999, ISSN 1400-6111

Bianchi B, Matucci R, Danesi A, Rossi R, Ipponi P, Giannotti B, Johansson O, Cappugi P, "Characterization of [3H]substance P binding sites in human skin", J Europ Acad Dermatol Venereol 1999; 12: 6-10

Jacobi HH, Johansson O, Liang Y, Nielsen HV, Thygesen C, Hansen JB, Jinquan T, Skov PS, Poulsen LK, "Histamine immunocytochemistry: a new method for detection of basophils in peripheral blood", J Immunol Methods 2000; 237: 29-37

Gangi S, Johansson O, "A theoretical model based upon mast cells and histamine to explain the recently proclaimed sensitivity to electric and/or magnetic fields in humans", Med Hypotheses 2000; 54: 663-671

Jacobi HH, Johansson O, "Human dendritic mast cells", In: Mast Cells and Basophils (eds. G Marone, LM Lichtenstein, SJ Galli), Academic Press, San Diego, 2000, pp 89-95

Södergren L, Johansson O, "Commentary: Mobile telephones - will the golden goose become the mad cow?", J Aust Coll Nutr & Env Med 2001; 20: 29-30

Johansson O, Gangi S, Liang Y, Yoshimura K, Jing C, Liu P-Y, "Cutaneous mast cells are altered in normal healthy volunteers sitting in front of ordinary TVs/PCs - results from open-field provocation experiments", J Cutan Pathol 2001; 28: 513-519

Hallberg Ö, Johansson O, "Melanoma incidence and frequency modulation (FM) broadcasting", Arch Environ Health 2002; 57: 32-40

Hallberg Ö, Johansson O, "Har tusentals personer offrats i onödan sedan 1955?" ("Have thousands of persons unnecessarily been sacrificed since 1955?"; in Swedish), Nord Tidsskr Biol Med 2002; 2: 26-27

Hallberg Ö, Johansson O, "Cancerdödlighet och långtidssjukskrivning" ("Cancer mortality and long-term sick leave"; in Swedish), Tidskriften Medikament 2002; 7: 40-41

Slominski A, Pisarchik A, Semak I, Sweatman T, Wortsman J, Szczesniewski A, Slugocki G, McNulty J, Kauser S, Tobin DJ, Jing C, Johansson O, "Serotonergic and melatonergic systems are fully expressed in human skin", The FASEB Journal express article 10.1096/fj.01-0952fje, published online April 23, 2002

Slominski A, Pisarchik A, Semak I, Sweatman T, Wortsman J, Szczesniewski A, Slugocki G, McNulty J, Kauser S, Tobin DJ, Jing C, Johansson O, "Serotonergic and melatonergic systems are fully expressed in human skin", FASEB J 2002; 16: 896-898

Sromová L, Larsson M, Johansson O, "Verksamheten vid ELRUM 1998-2000" ("ELRUM 1998-2000 - Results and conclusions", in Swedish), Arbetslivstjänster Västerbotten, Umeå, 2001; 12 pp

Hallberg Ö, Johansson O, "Cancer trends during the 20th century", J Aust Coll Nutr & Env Med 2002; 21: 3-8

Johansson O, "Screen dermatitis and electrosensitivity: Preliminary observations in the human skin", In: Electromagnetic Environments and Health in Buildings (ed. D Clements-Croome), Spon Press, London & New York, 2004, pp 377-389

Slominski A, Pisarchik A, Johansson O, Jing C, Semak I, Slugocki G, Wortsman J, "Tryptophan hydroxylase expression in human skin cells", Biochim Biophys Acta 2003; 1639: 80-86

Ward RS, Tuckett RP, English KB, Johansson O, Saffle JR, "Substance P axons and sensory threshold increase in burn-graft human skin", J Surg Res 2004; 118: 154-160

Hallberg Ö, Johansson O, "Malignant melanoma of the skin - not a sunshine story!", Med Sci Monit 2004; 10: CR336-340

Hallberg Ö, Johansson O, "Does GSM 1800 MHz affect the public health in Sweden?", In: Proceedings of the 3rd International Workshop "Biological Effects of EMFs", Kos, Greece, October 4-8, 2004 (abstr.)

Hallberg Ö, Johansson O, "Full-body-resonant electromagnetic fields may disturb our immune system and cell repair mechanisms", FGF/COST 281 Workshop "Are RF-fields able to raise the risk of cancer?", Schriesheim, Germany, November 15-17, 2004 (abstr.)

Rajkovic V, Matavulj M, Johansson O, "Histological characteristics of cutaneous and thyroid mast cell populations in male rats exposed to power-frequency electromagnetic fields", Int J Radiat Biol 2004, re-submitted

Rajkovic V, Matavulj M, Johansson O, "The effect of extremely low-frequency electromagnetic fields on skin and thyroid amine and peptide containing cells in rats. An immunohistochemical and morphometrical study", Cell Tiss Res 2004, submitted

Hallberg Ö, Johansson O, "Long-term sickness and mobile phone use", The ACNEM Journal, 2004, submitted

Hallberg Ö, Johansson O, "Mobile handset output power and health", Electromagnetic Biology and Medicine, 2004, submitted

Hallberg Ö, Johansson O, "Sjukskrivningsproblemet och rationellt tänkande" ("The sick-leave problem and rational thinking", in Swedish), Tidskriften Medikament, 2004, submitted