

AUSERWÄHLTE QUELLEN ZUM THEMA: EM-FELDER (ELEKTROMAGNETISCHE-, ELEKTRISCHE- UND MAGNETISCHE FELDER) UND IHRE WIRKUNGEN AUF BIOLOGISCHE SYSTEME

Abelin, T., 1999: „Sleep disruption and melatonin reduction from exposure to a shortwave radio signal“. Seminar at Canterbury Regional Council, New Zealand. August 1999.

Adey, W.R., 1980: „Frequency and Power windowing in tissue interactions with weak electromagnetic fields“. Proc. IEEE, 68:119-125.

Adey, W.R., 1981: „Tissue interactions with non-ionizing electromagnetic fields“. Physiological Reviews 61: 435-514.

Adey, W.R., Byus, C.V., Cain, C.D., Higgins, R.J., Jones, R.A., Kean, C.J., Kuster, N, MacMurray, A., Stagg, R.B. and Zimmerman G., 2000: „Spontaneous and nitrosourea-induced primary tumors of the central nervous system in Fischer 344 rats exposed to frequency modulated microwaves“. Cancer Research, 60(7): 1857-1863.

Alberts, B., Bray, D., Lewis, J., Raff, M., Roberts, K. and Watson, J.D., 1994: „Molecular Biology of the cell“. 3rd edition, New York, Garland Publishing, 1994.

Ahissar, E., Haidarliu, S. and Zacksenhouse, M., 1997: „Decoding temporally encoded sensory input by cortical oscillations and thalamic phase comparators“. Proc Nat Acad Sci USA 94:11633-11638.

Ahuja, Y.R., Bhargava, A., Sircar, S., Rizwani, W., Lima, S., Devadas, A.H. and Bhargava, S.C., 1997: „Comet assay to evaluate DNA damage caused by magnetic fields“. Proceed. „International Conference on Electromagnetic Interference and compatability“, Dec 3-5, 1997, Hyderabad, India.

Alberts, E.N., 1977: „Light and electron microscopic observations on the blood-brain barrier after microwave irradiation. In Symposium on Biological effects and measurement of Radio Frequency/Microwaves, HEW Publication (FDA) 77-8026, pp 294-309.

Alberts, E.N., 1978: „Reversibility of microwave induced blood-brain barrier permeability“. Radio Science Supplement.

Altpeter, E.S., Krebs, Th., Pfluger, D.H., von Kanel, J., Blattmann, R., et al., 1995: „Study of health effects of Shortwave Transmitter Station of Schwarzenburg, Berne, Switzerland“. University of Berne, Institute for Social and Preventative Medicine, August 1995.

Archimbaud, E., Charrin, C., Guyotat, D., and Viala, J-J, 1989: „Acute myelogenous leukaemia following exposure to microwaves“. British Journal of Haematology, 73(2): 272-273.

Arnetz, B.B. and Berg, M., 1996: „Melatonin and Andrenocorticotropic Hormone levels in video display unit workers during work and leisure. J Occup Med 38(11): 1108-1110.

Altamura G, Toscano S, Gentilucci G, Ammirati F, Castro A, Pandozi C, Santini M, 1997: „Influence of digital and analogue cellular telephones on implanted pacemakers“. Eur Heart J 18(10): 1632-4161.

Balcer-Kubiczek, E.K. and Harrison, G.H., 1991: „Neoplastic transformation of C3H/10T1/2 cells following exposure to 120Hz modulated 2.45 GHz microwaves and phorbol ester tumor promoter“. Radiation Research, 125: 65-72.

Balode, Z., 1996: „Assessment of radio-frequency electromagnetic radiation by the micronucleus test in Bovine peripheral erythrocytes“. The Science of the Total Environment, 180: 81-86.

Balodis, V., Brumelis, G., Kalvickis, K., Nikodemus, O., Tjarve, D., and Znotina, V., 1996: "Does the Skrunda Radio Location Station diminish the radial growth of pine trees?". *The Science of the Total Environment*, Vol 180, pp 57-64.

Band, P.R., Le, N.D., Fang, R., Deschamps, R., Coldman, A., Gallagher, R.P. and Moody, J., 1996: „Cohort study of Air Canada pilots: mortality incidence and leukaemia risk. *Am J Epidemiol* 143(2):137- 143.

Band, P.R., Spinelli, J.J., Ng, V.T., Moody, J. and Gallagher, R.P., 1990: „Mortality and cancer incidence in a cohort of commercial airline pilots“. *Aviat Space Environ Med* 61(4): 299-302.

Barbaro V, Bartolini P, Donato A, Militello C, 1996: „Electromagnetic interference of analog cellular telephones with pacemakers“. *Pacing Clin Electrophysiol* 19(10): 1410-1418.

Baranski, S. and Czerski, P., 1976: „Biological effects of microwaves“. Publ. Dowden, Hutchison and Ross, Inc. Stroudsburg, Pennsylvania.

Baris, D. and Armstrong, B., 1990: „Suicide among electric utility workers in England and Wales“. *Br J Indust Med* 47:788-789.

Barron, C.I. and Baraff, A.A., 1958: „Medical considerations of exposure to microwaves (Radar)“. *Journal American Medical Association*, 168(9):1194-1199.

Bawin, S.M. and Adey, W.R., 1976: "Sensitivity of calcium binding in cerebral tissue to weak electric fields oscillating at low frequency". *Proc. Natl. Acad. Sci. USA*, 73: 1999-2003.

Baris, D. and Armstrong, B., 1990: „Suicide among electric utility workers in England and Wales“. *Br J Indust Med* 47:788-789.

Bawin, S.M. and Adey, W.R., 1976: "Sensitivity of calcium binding in cerebral tissue to weak electric fields oscillating at low frequency". *Proc. Natl. Acad. Sci. USA*, 73: 1999-2003.

Beale, I.L., Pearce, N.E., Conroy, D.M., Henning, M.A., and Murrell, K., A., 1997: „Psychological effects of chronic exposure to 50 Hz magnetic fields in humans living near extra-high-voltage transmission lines“. *Bioelectromagnetics*, 18(8): 584-94.

Beall, C., Delzell, E., Cole, P., and Brill, I., 1996: „Brain tumors among electronics industry workers“. *Epidemiology*, 7(2): 125-130.

Belanger, K., Leaderer, B., Hellenbrand, K., Holford, T.R., McSharry, J-E., Power, M-E, and Bracken, M.B., 1998: „Spontaneous abortion and exposure to electric blankets and heated water beds“. *Epidemiology*, 9: 36-42.

Berman, E., Carter, H.B., and House D., 1982: "Reduce weight in mice offspring after in utero exposure to 2450 MHz (CW) microwaves". *Bioelectromagnetics*, 3(2): 285-291.

Blackman, C.F., Benane, S.G., Elliott, D.J., and Pollock, M.M., 1988: "Influence of Electromagnetic Fields on the Efflux of Calcium Ions from Brain Tissue in Vitro: A Three-Model Analysis Consistent with the Frequency Response up to 510 Hz". *Bioelectromagnetics*, 9:215-227.

Blackman, C.F., Kinney, L.S., House, D.E., and Joines, W.T., 1989: "Multiple power-density windows and their possible origin". *Bioelectromagnetics*, 10: 115-128.

Blackman, C.F., 1990: „ELF effects on calcium homeostasis“. In „Extremely low frequency electromagnetic fields: The question of cancer“, BW Wilson, RG Stevens, LE Anderson Eds, Publ. Battelle Press Columbus: 1990; 187-208.

Blackman, C.F., Benane, S.G., and House, D.E., 1991: "The influence of temperature during electric- and magnetic-field induced alteration of calcium-ion release from in vitro brain tissue". *Bioelectromagnetics*, 12: 173-182.

Borbely, AA, Huber, R, Graf, T, Fuchs, B, Gallmann, E, Achermann, P, 1999: Pulsed high-frequency electromagnetic field affects human sleep and sleep electroencephalogram. *Neurosci Lett* 275(3):207-210.

Bortkiewicz, A., Zmyslony, M., Palczynski, C., Gadzicka, E. and Szmigielski, S., 1995: „Dysregulation of autonomic control of cardiac function in workers at AM broadcasting stations (0.738-1.503 MHz)“. *Electro- and Magnetobiology* 14(3): 177-191.

Bortkiewicz, A., Gadzicka, E. and Zmyslony, M., 1996: „Heart rate in workers exposed to medium-frequency electromagnetic fields“. *J Auto Nerv Sys* 59: 91-97.

Bortkiewicz, A., Zmyslony, M., Gadzicka, E., Palczynski, C. and Szmigielski, S., 1997: „Ambulatory ECG monitoring in workers exposed to electromagnetic fields“. *J Med Eng and Tech* 21(2):41-46.

Braune, S, Wrocklage, C, Raczek, J, Gailus, T, Lucking, CH, 1998: Resting blood pressure increase during exposure to a radio-frequency electromagnetic field. *Lancet* 351(9119):1857-1858.

Brown-Woodman, P.D., Hadley, J.A., Richardson, L., Bright, D. and Porter, D., 1989: „Evaluation of reproductive function of female rats exposed to radiofrequency fields (27.12 MHz) near a shortwave diathermy device“. *Health Physics* 56(4): 521-525.

Brueve, R., Feldmane, G., Heisele, O., Volrate, A. and Balodis, V., 1998: „Several immune system functions of the residents from territories exposed to pulse radio-frequency radiation“. Presented to the Annual Conference of the ISEE and ISEA, Boston Massachusetts July 1998.

Burch, J.B., Reif, J.S., Pittrat, C.A., Keefe, T.J. and Yost, M.G., 1997: „Cellular telephone use and excretion of a urinary melatonin metabolite“. In: *Annual review of Research in Biological Effects of electric and magnetic fields from the generation, delivery and use of electricity*, San Diego, CA, Nov. 9-13, P-52.

Burch, J.B., Reif, J.S., Yost, M.G., Keefe, T.J. and Pittrat, C.A., 1998: „Nocturnal excretion of urinary melatonin metabolite among utility workers“. *Scand J Work Environ Health* 24(3): 183-189.

Burch, J.B., Reif, J.S., Yost, M.G., Keefe, T.J. and Pittrat, C.A., 1999a: „Reduced excretion of a melatonin metabolite among workers exposed to 60 Hz magnetic fields“. *Am J Epidemiology* 150(1): 27-36.

Burch, J.B., Reif, J.S. and Yost, M.G., 1999b: „Geomagnetic disturbances are associated with reduced nocturnal excretion of melatonin metabolite in humans“. *Neurosci Lett* 266(3):209-212.

Burch, J.B., Reif, J.S., Noonan, C.W. and Yost, M.G., 2000: „Melatonin metabolite levels in workers exposed to 60-Hz magnetic fields: work in substations and with 3-phase conductors“. *J of Occupational and Environmental Medicine*, 42(2): 136-142.

Byus, C.V., Kartun, K., Pieper, S. and Adey, W.R., 1988: „Increased ornithine decarboxylase activity in cultured cells exposed to low energy modulated microwave fields and phorbol ester tumor promoters“. *Cancer research*, 48(15): 4222-4226.

Burke, J., 1985: „The Day the Universe Changed“. Publ. Little and Co., Boston.

Campbell-Beachler, M., Ishida-Jones, T., Haggren, W. and Phillips, J.L., 1998: „Effect of 60 Hz magnetic field exposure on c-fos expression in stimulated PC12 cells“. *Mol Cell Biochem* 189(1-2): 107-111.

Cantor, K.P., Stewart, P.A., Brinton, L.A., and Dosemeci, M., 1995: "Occupational exposures and female breast cancer mortality in the United States". *Journal of Occupational Medicine*, 37(3): 336-348.

Carlo, L.G. and Jenrow, R.S., 2000: „Scientific Progress- Wireless Phones and Brain Cancer: Current state of the science“. *MedGenMed*, July 31, 2000. www.medscape.com/Medscape/GeneralMedicine/journal/2000/v02.n04/mgm0731.carl/mgm0731.html

Capone, G., Choi, C. and Vertifueille, J., 1998: „Regulation of the preprosomatostatin gene by cyclic-AMP in cerebrocortical neurons“. *Bran Res Mol Brain Res* 60(2): 247-258.

Catterall, W.A., 1992: „Cellular and molecular biology of voltage-gated sodium channels“. *Physiological Reviews* 72(4): S15-S48.

Chazan, B., Janiak, M., Szmigielski, S., and Troszynski, M., 1983: “Development of murine embryos and fetuses after irradiation with 2450 MHz microwaves”. *Problemy Medycyny Wieku Rozwojowego*,12:164-173.

Chen WH, Lau CP, Leung SK, Ho DS, Lee IS, 1996: „Interference of cellular phones with implanted permanent pacemakers“. *Clin Cardiol* 19(11): 881-886.

Cherry, N.J., 2000: „Evidence that Electromagnetic Radiation is Genotoxic - The implications for the epidemiology of cancer and cardiac, neurological and reproductive effects“. *Proceedings: Health Effects of Electromagnetic Radiation Conference*. European Parliament, June 28, 2000.

Cherry, N.J., 2000a: Re: Cancer incidence near Radio and Television Transmitters in Great Britain, Dolk et al. (1997a,b)“: Letter: *American Journal of Epidemiology*, (In Press) 2000.

Chou, C-K., Guy, A.W., Kunz, L.L., Johnson, R.B., Crowley, J.J. and Krupp, JH., 1992: „Long-term, low- level microwave irradiation of rats“. *Bioelectromagnetics* 13: 469-496.

Cossarizza, A., Angioni, S., Petraglia, F., Genazzani, A.R., Monti, D., Capri, M., Bersani, F., Cadosi, R. and Franceschi, C., 1993: „Exposure to low frequency pulsed electromagnetic fields increases interleukin-1 and interleukin-6 production by human peripheral blood mononuclear cells“. *Exp Cell Res* 204(2):385-387.

Cox, B., 1995: „Projections of the cancer burden in New Zealand“. *Public Health Commission*, Wellington New Zealand.

Daniells, C, Duce, I, Thomas, D, Sewell, P, Tattersall, J, de Pomerai, D, 1998: „Transgenic nematodes as biomonitors of microwave-induced stress“. *Mutat Res* 399: 55-64.

Dasdag, S, Ketani, MA, Akdag, Z, Ersay, AR, Sar,i I, Demirtas ,OC, Celik, MS, 1999: Whole-body microwave exposure emitted by cellular phones and testicular function of rats. *Urol Res* 27(3):219- 223.

Davidson, J.A., 1998: „Brain tumours and mobile phones?“. *Medical Journal of Australia* 168:48

Davis, S., 1997: „Weak residential Magnetic Fields affect Melatonin in Humans“, *Microwave News*, Nov/Dec 1997.

Davis, R.L. and Mostofl, 1993: „Cluster of testicular cancer in police officers exposed to hand-held radar“. *Am. J. Indust. Med.* 24: 231-233.

De Guire, L., Theriault, G., Iturra, H., Provencher, S., Cyr, D., and Case, B.W., 1988: „Increased incidence of malignant melanoma of the skin in workers in a telecommunications industry“. *British Journal of Industrial Medicine*, Vol 45, pp 824-828.

De Mattei, M., Caruso, A., Traina, G.C., Pezzetti, F., Baroni, T., and Sollazzo, V., 1999: „Correlation between pulsed electromagnetic fields exposure time and cell proliferation increase in human osteosarcoma cell lines and human normal osteoblast cells in vitro“. *Bioelectromagnetics* 20: 177- 182.

De Pomerai, D., Daniells, C., David, H., Duce, I., Mutwakil, M., Thomas, D., Sewell, P., Tattersall, J., Jones, D., and candido, P., 2000: „Non-thermal heat-shock response to microwaves“. *Nature* May 25,

Deroche, M., 1971: „ Etude des perturbations biologiques chez les techniciens O.R.T.F. dans certains champs electromagnetiques de haute frequence“. *Arch Mal. Prof*, 32: 679-683.

de Seze R, Fabbro-Peray P, Miro L, 1998: GSM radiocellular telephones do not disturb the secretion of antepituitary hormones in humans. *Bioelectromagnetics* 19(5):271-8.

Dmoch, A. and Moszczynski, P., 1998: „Levels of immunoglobulin and subpopulations of T lymphocytes and NK cells in men occupationally exposed to microwave radiation in frequencies of 6-12GHz“. *Med Pr* 49(1):45-49.

Dolk, H., Shaddick, G., Walls, P., Grundy, C., Thakrar, B., Kleinschmidt, I. and Elliott, P., 1997a: “Cancer incidence near radio and television transmitters in Great Britain, I - Sutton-Colfield transmitter”. *American J. of Epidemiology*, 145(1):1-9.

Dolk, H., Elliott, P., Shaddick, G., Walls, P., Grundy, C., and Thakrar, B., 1997b: “Cancer incidence near radio and television transmitters in Great Britain, II All high power transmitters”. *American J. of Epidemiology*, 145(1):10-17.

Doll, R. and Hill A.B., 1964: *British Medical Journal*, i, 1399-1460.

Donnellan M, McKenzie DR, French PW, 1997: 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* 21:427-439.

El Nahas, S.M. and Oraby, H.A., 1989: „Micronuclei formation in somatic cells of mice exposed to 50 Hz electric fields. *Environ Mol Mutagen* 13(2):107-111.

Elwood, J.M., 1999: „A critical review of epidemiologic studies of Radiofrequency exposure and Human cancers“. *Env. Health. Persp.*, 107(Supplement 1) February 1999.

Eulitz, C, Ullsperger, P, Freude, G, Elbert ,T, 1998: Mobile phones modulate response patterns of human brain activity. *Neuroreport* 9(14):3229-3232.

Evans, J.A., Savitz, D.A., Kanal, E. and Gillen, J., 1993: „Infertility and pregnancy outcome among magnetic resonance imaging workers“. *J Occup Med* 35(12): 1191-1195.

Fesenko, EE, Makar, VR, Novoselova, EG, Sadovnikov, VB, 1999: Microwaves and cellular immunity. I. Effect of whole body microwave irradiation on tumor necrosis factor production in mouse cells. *Bioelectrochem Bioenerg* 49(1):29-35.

Forman, S.A., Holmes, C.K., McManamon, T.V., and Wedding, W.R., 1982: „Physiological Symptoms and Intermittent Hypertension following acute microwave exposure“. *J. of Occup. Med.* 24(11): 932- 934.

Frei, M.R., Jauchem, J.R., Dusch, S.J., Mettitt, J.H., Berger, R.E. and Stedham, M.A., 1998: „chronic, low- level (1.0W/kg) exposure of mice prone to mammary cancer to 2450 MHz microwaves“. *Radiation Research* 150(5): 568-576.

Freude, G, Ullsperger, P, Eggert ,S, Ruppe, I, 1998: Effects of microwaves emitted by cellular phones on human slow brain potentials. *Bioelectromagnetics* 19(6):384-387.

French PW, Donnellan M, McKenzie DR, 1997: Electromagnetic radiation at 835 MHz changes the morphology and inhibits proliferation of a human astrocytoma cell line. *Bioelectrochem Bioenerg* 43:13-18.

Freude, G, Ullsperger, P, Eggert, S, Ruppe, I, 2000: Microwaves emitted by cellular telephones affect human slow brain potentials. *Eur J Appl Physiol* 81(1-2):18-27.

Frey, A.H., Feld, S.R. and Frey. B., 1975: „Neural function and behavior: defining the relationship in biological effects of nonionizing radiation“. *Ann. N.Y. Acad. Sci.* 247: 433-438.

Feychting, M., Schulgen, G., Olsen, J.H., and Ahlbom, A., 1995: “Magnetic fields and childhood cancer- pooled analysis of two Scandinavian studies”. *European J. of Cancer*, 31A (12): 2035-2039.

Feychting, M, Schulgen, G., Olsen, J.H. and Ahlbom, A., 1995: „Magnetic fields and childhood cancer - a pooled analysis of two Scandinavian studies“. *Eur. J. Cancer* 31A(12): 2035-2039.

Forman, S.A., Holmes, C.K., McManamon, T.V., and Wedding, W.R., 1982: „Physiological Symptoms and Intermittent Hypertension following acute microwave exposure“. *J. of Occup. Med.* 24(11): 932- 934.

Frey, A.H., 1993: „Electromagnetic field interactions with biological systems“. *FASEB J.*, 7: 272-281.

Frey, A.H., 1995: “An integration of the data on mechanisms with particular reference to cancer”, Chapter 2 in “On the Nature of electromagnetic Field Interactions with Biological Systems”, Ed A.H. Frey, Publ. R.G. Landes Co. Medical Intelligence Unit, Austin, Texas.

Frey, A.H., 1998: „Headaches from cellular telephones: are they real and what are the impacts“. *Environ Health Perspect* 106(3):101-103.

Fritze K, Wiessner C, Kuster N, Sommer C, Gass P, Hermann DM, Kiessling M, Hossmann KA, 1997: Effect of global system for mobile communication microwave exposure on the genomic response of the rat brain. *Neuroscience* 81(3):627-639.

Gadzicka, E., Bortkiewicz, A., Zmyslony, M. and Palczynski, C., 1997: Evaluation of selected functional circulation parameters of workers from occupational groups exposed to electromagnetic fields of high frequency. III 24-h monitoring of arterial blood pressure“. *Med Pr*, 48(1): 15-24.

Garcia-Sagredo, J.M. and Monteagudo, J.L., 1991: „Effect of low-level pulsed electromagnetic fields on human chromosomes in vitro: analysis of chromosome aberrations“. *Hereditas* 115(1): 9-11.

Garaj-Vrhovac, V., Fucic, A, and Horvat, D., 1990: „Comparison of chromosome aberration and micronucleus induction in human lymphocytes after occupational exposure to vinyl chloride monomer and microwave radiation“, *Periodicum Biologorum*, Vol 92, No.4, pp 411-416.

Garaj-Vrhovac, V., Horvat, D. and Koren, Z., 1991: „The relationship between colony-forming ability, chromosome aberrations and incidence of micronuclei in V79 Chinese Hamster cells exposed to microwave radiation“. *Mutat Res* 263: 143-149.

Garaj-Vrhovac, V., Fucic, A, and Horvat, D., 1992: The correlation between the frequency of micronuclei and specific aberrations in human lymphocytes exposed to microwave radiation in vitro“. *Mutation Research*, 281: 181-186.

Garaj-Vrhovac, V., and Fucic, A., 1993: “The rate of elimination of chromosomal aberrations after accidental exposure to microwave radiation“. *Bioelectrochemistry and Bioenergetics*, 30:319-325.

Garaj-Vrhovac, V., 1999: „Micronucleus assay and lymphocyte mitotic activity in risk assessment of occupational exposure to microwave radiation. *Chemosphere* 39(13): 2301-2312.

Garaj-Vrhovac, V., Fucic, A, and Horvat, D., 1990: „Comparison of chromosome aberration and micronucleus induction in human lymphocytes after occupational exposure to vinyl chloride monomer and microwave radiation“, *Periodicum Biologorum*, Vol 92, No.4, pp 411-416.

Gey, K.F., 1993: „Prospects for the prevention of free radical disease, regarding cancer and cardiovascular disease“. *British Medical Bulletin*, 49(3): 679-699.

Goldsmith, J.R., 1995: „Epidemiological Evidence of Radiofrequency Radiation (Microwave) Effects on Health in Military, Broadcasting, and Occupational Studies“. *International Journal of Occupational and Environmental Health*, 1, pp 47-57, 1995.

Goldsmith, J.R., 1996: „Epidemiological studies of radio-frequency radiation: current status and areas of concern“. *The Science of the Total Environment*, 180: 3-8.

Goldsmith, J.R., 1997: „TV Broadcast Towers and Cancer: The end of innocence for Radiofrequency exposures“. *Am. J. Industrial Medicine* 32 : 689-692.

Goldsmith, J.R., 1997a: „Epidemiologic evidence relevant to radar (microwave) effects“. *Environmental Health Perspectives*, 105 (Suppl 6): 1579-1587.

Gordon, Z.V., 1966: „Problems of industrial hygiene and the biological effects of electromagnetic superhigh frequency fields“. *Moscow Medicina* [In Russian] English translation in NASA Rept TT-F-633, 1976.

Goodman, R., Wei, L.X., Xu, J.C. and Henderson, A., 1989: „Exposure of human cells to low-frequency electromagnetic fields results in quantitative changes in transcripts“. *Biochim Biophys Acta* 1009(3): 216-220.

Goodman, R., Weisbrot, D., Uluc, A. and Henderson A., 1992: „Transcription in *Drosophila melanogaster* salivary cells is altered following exposure to low-frequency electromagnetic fields: analysis of chromosome 3R“. *Bioelectromagnetics* 13(2): 111-118.

Goswami, P.C., Albee, L.D., Parsian, A.J., Baty, J.D., Moros, E.G., Pickard, W.F., Roti Roti, J.L. and Hunt, C.R., 1999: „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 telephone communication frequency radiation“. *Radiat Res* 151(3): 300-309.

Graham, C., Cook, M.R., Cohen, H.D. and Gerkovich, M.M., 1994: „A dose response study of human exposure to 60Hz electric and magnetic fields“. *Bioelectromagnetics* 15: 447-463.

Graham, C., Cook, M.R., Sastre, A., Riffle, D.W. and Gerkovich, M.M., 2000: „Multi-night exposure to 60 Hz magnetic fields: effects on melatonin and its enzymatic metabolite“. *J Pineal Res* 28(1): 1-8.

Grandolfo, M., Michaelson, S.M. and Rindi, A. (Eds), 1985: „Biological effects and dosimetry of static and ELF electromagnetic fields“. New York, Plenum Press.

Grayson, J.K., 1996: “Radiation Exposure, Socioeconomic Status, and Brain Tumour Risk in the US Air Force: A nested Case-Control Study”. *American J. of Epidemiology*, 143 (5), 480-486.

Haider, T., Knasmueller, S., Kundi, M, and Haider, M., 1994: “Clastogenic effects of radiofrequency radiation on chromosomes of *Tradescantia*”. *Mutation Research*, 324:65-68.

Hamburger, S., Logue, J.N., and Sternthal, P.M., 1983: „Occupational exposure to non-ionizing radiation and an association with heart disease: an exploratory study“. *J Chronic Diseases*, Vol 36, pp 791- 802.

Hammett and Edison Inc., 1997: „Engineering analysis of radio frequency exposure conditions with addition of digital TV channels“. Prepared for Sutra Tower Inc., San Francisco, California, January 3, 1997.

Hansson Mild, K, Oftedal, G, Sandstrom, M, Wilen, J, Tynes, T, Haugsdal, B, Hauger E, 1998: Comparison of symptoms experienced by users of analogue and digital mobile phones: a Swedish-Norwegian epidemiological study. *Arbetslivsrapport* 23.

Hardell, L., Holmberg, B., Malmer, H., and Paulsson, L.E., 1995: „Exposure to extremely low frequency electromagnetic fields and the risk of malignant diseases--an evaluation of epidemiological and experimental findings“. *Eur. J. Cancer Prevention*, 1995 Sep;4 Suppl 1:3-107

Hardell, L, Reizenstein, J, Johansson, B, Gertzen, H, Mild, KH, 1999: Angiosarcoma of the scalp and use of a cordless (portable) telephone. *Epidemiology* 10(6):785-786.

Hardell, L, Nasman, A, Pahlson, A, Hallquist, A, Hansson Mild, K, 1999: Use of cellular telephones and the risk for brain tumours: A case-control study. *Int J Oncol* 15(1):113-116.

Hardell, L, Nasman, A, Hallquist, A, 2000: „Case-control study of radiology work, medical X-ray investigations and use of cellular telephones as risk factors“. *J of General Medicine*. <www.medscape.com/Medscape/GeneralMedicine/journal/2000/v02.n03/>

Hayes, R.B., Morris Brown, L., Pottern, L.M., Gomez, M., Kardaun, J.W.P.F., Hoover, R.N., O'Connell, K.J., Sutsman, R.E. and Nasser, J., 1990: Occupational and Risk for Testicular Cancer: A Case Control Study. *International Journal of Epidemiology*, 19, No.4, pp 825-831.

Heller, J.H., and Teixeira-Pinto, A.A., 1959: “A new physical method of creating chromosome aberrations”. *Nature*, Vol 183, No. 4665, March 28, 1959, pp 905-906.

Hietanen, M., Kovala, T. and Hamalainen, A.M., 2000: „Human brain activity during exposure to radio frequency fields emitted by cellular phones“. *Scand J Work Environ Health* 26(2): 87-92.

Hill, A. B., 1965: “The Environment and Disease: Association or Causation?”. *Proc. Royal Society of Medicine (U.K.)*. 295-300.

Hladky, A, Musil, J, Roth, Z, Urban, P, Blazkova, V, 1999: Acute effects of using a mobile phone on CNS functions. *Cent Eur J Public Health* 7(4):165-167.

Hocking, B. and Joyner, K., 1995: “Re: Miscarriages among Female Physical Therapists who report using radio- and microwave- frequency electromagnetic radiation.” - A letter to the Editor, *American J. of Epidemiology*, 141 (3): 273-274.

Hocking, B., Gordon, I.R., Grain, H.L., and Hatfield, G.E., 1996: “Cancer incidence and mortality and proximity to TV towers”. *Medical Journal of Australia*, 165: 601-605.

Hocking, B., 1998: Comment on „Brain tumours and mobile phones?“. *Medical Journal of Australia* 168:48

Hocking, B, 1998: Preliminary report: symptoms associated with mobile phone use. *Occup Med (Lond)*;48(6):357-360.

Hocking, B., Gordon, I.R. and Hatfield, G.E., 1999: Childhood leukaemia and TV Towers revisited“. *Australian and New Zealand J. Public Health*, 23(1): 104-105.

Hocking, B. and Gordon, I.R., 2000: „Decreased survival for childhood leukaemia in proximity to TV towers“. Poster presented at the Annual Scientific meeting of the Royal Australasian College of Physicians in Adelaide SA, 2-5 May 2000.

Hofgartner F, Muller T, Sigel H, 1996: „Could C- and D-network mobile phones endanger patients with pacemakers?“. *Dtsch Med Wochenschr* 121(20): 646-652,. [Article in German]

ICNIRP (1998): „Guidelines for limiting exposure to time-varying electric, and electromagnetic fields (up to 300 GHz) - ICNIRP Guidelines“. *International Commission on Non-Ionizing Radiation Protection Health Physics*, 74(4):494-522.

IRPA, 1988: „Guidelines on limits of exposure to radiofrequency electromagnetic fields in the frequency range from 100 kHz to 300 GHz“. *Health Physics*, 54(1): 115-123.

IRPA/INIRC 1990: „Interim guidelines on limits of exposure to 50/60 Hz electric and magnetic fields“. *Health Physics* 58(1): 113-122.

Ivaschuk, O.I., Jones, R.A., Ishida-Jones, T., Haggren, Q., Adey, W.R. and Phillips, J.L., 1997: „Exposure of nerve growth factor-treated PC12 rat pheochromocytoma cells to a modulated radiofrequency field at 836.55 MHz: effects on c-jun and c-fos expression“. *Bioelectromagnetics* 18(3): 223-229.

Jacobson, C.B., 1969: Progress report on SCC 31732, (Cytogenetic analysis of blood from the staff at the U.S. Embassy in Moscow), George Washington University, Reproductive Genetics Unit, Dept. of Obstetrics and Gynecology, February 4, 1969.

Johanson C, Kock-Henriksen N, Rasmussen S, Olsen JH. 1999: „Multiple Sclerosis among utility workers“. *Neurology* 52: 1279-1282.

Johnson-Liakouris, A.J.. 1998: „Radiofrequency (RF) Sickness in the Lilienfeld Study: an effect of modulated microwaves“. *Arch Environ Health* 53(3):236-238.

Jones, L.F., 1933: „A study of the propagation of wavelengths between three and eight meters. Proc. of the Institute of Radio Engineers 21(3): 349-386.

Jordan, E.C., (Ed), 1985: „Reference data for engineers: Radio, Electronics, Computer and Communications, 7th Edition“. Publ. Howard W. Sams & CO., Indianapolis.

Juutilainen, J., Matilainen, P., Saarikoski, S., Laara, E. and Suonio, S., 1993: „Early pregnancy loss and exposure to 50 Hz magnetic fields“. *Bioelectromagnetics*, 14(3): 229-236.

Juutilainen, J., Stevens, R.G., Anderson, L.E., Hansen, N.H., Kilpelainen, M., Laitinen, J.T., Sobel, E. and Wilson, B.W., 2000: „Nocturnal 6-hydroxymelatonin sulphate excretion in female workers exposed to magnetic fields“. *J Pineal Res* 28(2): 97-104.

Kallen, B., Malmquist, G., and Moritz, U., 1982: “Delivery Outcome among Physiotherapists in Sweden: is Non-ionizing Radiation a Fetal Hazard? *Archives of Environmental Health*, 37(2): 81-84.

Kalnins, T., Krizbergs, R., and Romancuks, A.,1996: “Measurement of the intensity of electromagnetic radiation from the Skrunda radio location station, Latvia”. *The Science of the Total Environment*, Vol 180, pp 51-56.

Kaplan, S., Etlin, S., Novkov, I, and Modan, B., 1997: „Occupational risks for the development of brain tumors. *Am. J. Ind. Med.* 31: 15-20.

Karasek, M., Woldanska-Okonska, M., Czernicki, J., Zylinska, K. and Swietoslowski, J., 1998: „Chronic exposure to 2.9 mT, 40 Hz magnetic field reduces melatonin concentrations in humans“. *J Pineal Res* 25(4): 240-244.

Kellenyi, L, Thuroczy, G, Faludy, B, Lenard, L, 1999: Effects of mobile GSM radiotelephone exposure on the auditory brainstem response (ABR). *Neurobiology* 7:79-81.

Khaili, A.M. and Qassem, W., 1991: „Cytogenetic effects of pulsing electromagnetic field on human lymphocytes in vitro: chromosome aberrations, sister-chromatid exchanges and cell kinetics“. *Mutat Res* 247: 141-146.

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

Kolomytkin, O., Kuznetsov, V., Yurinska, M., Zharikova, A., and Zharikov, S., 1994: "Response of brain receptor systems to microwave energy exposure". pp 195-206 in "On the nature of electromagnetic field interactions with biological systems", Ed Frey, A.H., Publ. R.G. Landes Co.

Koivisto, M., Revonsuo, A., Krause, C., Haarala, C., Sillanmaki, L., Laine, M., Hamalainen, H., 2000: Effects of 902 MHz electromagnetic field emitted by cellular telephones on response times in humans. *Neuroreport* 11(2):413-415.

Kolodynski, A.A. and Kolodynska, V.V., 1996: "Motor and psychological functions of school children living in the area of the Skrunda Radio Location Station in Latvia". *The Science of the Total Environment*, Vol 180, pp 87-93.

Kolomytkin, O., Kuznetsov, V., Yurinska, M., Zharikova, A., and Zharikov, S., 1995: "Response of brain receptor systems to microwave energy exposure". pp 195-206 in "On the nature of electromagnetic field interactions with biological systems", Ed Frey, A.H., Publ. R.G. Landes Co.

König HL. 1974, Behavioural changes in human subjects associated with ELF electric fields. In Persinger MA, editor. *ELF and VLF electromagnetic field effects*. New York, Plenum Press.

Krause, C.M., Sillanmaki, L., Koivisto, M., Haggqvist, A., Saarela, C., Revonsuo, A., Laine, M. and Hamalainen H., 2000: „Effects of electromagnetic field emitted by cellular phones on the EEG during a memory task“. *Neuroreport* 11(4): 761-764.

Kromhout, H., Loomis, D.P., Mihlan, G.J., Peipins, L.A., Kleckner, R.C., Iriye, R. and Savitz, D.A., 1995: Assessment and grouping of occupational magnetic field exposure in five electric utility companies“. *Scand J Work Environ Health* 21(1): 43-50.

Kwee, S, Raskmark, P, 1997: Radiofrequency electromagnetic fields and cell proliferation. Presented at the Second World Congress for Electricity and Magnetism in Biology and Medicine, Bologna, Italy, June.

Lagroye, I, and Poncy J.L., 1998: „Influences of 50 Hz magnetic fields and ionizing radiation on c-jun and c-fos oncoproteins“. *Bioelectromagnetics* 19(2): 112-116.

Lai, H. and Singh, N.P., 1995: "Acute low-intensity microwave exposure increases DNA single-strand breaks in rat brain cells". *Bioelectromagnetics* 16: 207-210.

Lai, H. and Singh, N.P., 1996: "Single- and double-strand DNA breaks in rat brain cells after acute exposure to radiofrequency electromagnetic radiation". *Int. J. Radiation Biology*, 69 (4): 513-521.

Lai, H. and Singh, N.P., 1996a: „Reply to „Comment on ‚Acute low-intensity microwave exposure increases DNA single-strand breaks in rat brain cells‘ „. *Bioelectromagnetics* 17: 166.

Lai, H., and Singh, N.P., 1997a: "Melatonin and N-tert-butyl-a-phenylnitron Block 60 Hz magnetic field- induced DNA single- and double-strands Breaks in Rat Brain Cells." *Journal of Pineal Research* 22:152-162.

Lai, H., and Singh, N.P., 1997b: "Melatonin and Spin-Trap compound Block Radiofrequency Electromagnetic Radiation-induced DNA Strands Breaks in Rat Brain Cells." *Bioelectromagnetics* 18:446-454.

Lamble D, Kauranen T, Laakso M, Summala H, 1999: „Cognitive load and detection thresholds in car following situations: safety implications for using mobile (cellular) telephones while driving“. *Accid Anal Pre* ;31(6):617-623.

Lancranjan, I., Maicanescu, M., Rafaila, E., Klespsch, I. and Popescu, H.I., 1975: „Gonadic function in workmen with long-term exposure to microwaves“. *Health Physics*, 29(3): 381-383.

Larsen, A.I., 1991: „Congenital malformations and exposure to high-frequency electromagnetic radiation among Danish physiotherapists“ *Scand J Work Environ Health* 17(5): 318-323.

Larsen, A.I., Olsen, J., and Svane, O., 1991: „Gender specific reproductive outcome and exposure to high frequency electromagnetic radiation among physiotherapists“. *Scand. J. Work Environ. Health*, Vol.17, pp 324-329.

Lester, J.R., and Moore, D.F., 1982a: “Cancer incidence and electromagnetic radiation”. *Journal of Bioelectricity*, 1(1):59-76.

Lester, J.R., and Moore, D.F., 1982b: “Cancer mortality and air force bases”. *Journal of Bioelectricity*, 1(1):77-82.

Lester, J.R., 1985: “Reply to: Cancer mortality and air force bases, a reevaluation”. *Journal of Bioelectricity*, 4(1):129-131.

Li, C.M., Chiang, H., Fu, Y.D., Shao, B.J., Shi, J.R. and Yao, G.D., 1999: „Effects of 50Hz magnetic fields on gap junction intercellular communication“. *Bioelectromagnetics* 20(5):290-294.

Libersat, F., Levy, A. and Camhi, J.M., 1989: „Multiple feedback loops in the flying cockroach: excitation of the dorsal and inhibition of the ventral giant interneurons“. *J. Comp. Physiol.* 165(5): 651-668.

Liburdy, R.P., Callahan, D.E., Harland, J., Dunham, E., Sloma, T.R. and Yaswen, P., 1993: „Experimental evidence for 60 Hz magnetic fields operating through the signal transduction cascade - effects on calcium influx and c-MYC mRNA induction“. *FEBS Lett* 334(3): 301-308.

Lilienfeld, A.M., Tonascia, J., and Tonascia S., Libauer, C.A., and Cauthen, G.M., 1978: “Foreign Service health status study - evaluation of health status of foreign service and other employees from selected eastern European posts”. Final Report (Contract number 6025-619073) to the U.S. Dept of State, July 31, 1978.

Lilienfeld, A.M., 1983: „Practical limitations of epidemiologic method“. *Environmental Health Perspectives*, 52:3-8.

Lin, H., Goodman, R. and Shirley-Henderson, A., 1994: „Specific region of the c-myc promoter is responsible for electric and magnetic fields“. *J Cell Biochem* 54 30: 281-288.

Lindbohm, M-L., Hietanen, M., Kyyronen, P., Sallmen, M., von Nandelstadh, P., Taskinen, H., Pekkarinen, M., Ylikoski, M. and Hemminki, K., 1992: „Magnetic fields of video display terminals and spontaneous abortion“. *Am J Epidemiol* 136:1041-1051.

Litovitz, T.A., Montrose, C.J., Goodman, R. and Elson, E.C., 1990: „Amplitude windows and transiently augmented transcription from exposure to electromagnetic fields“. *Bioelectromagnetics* 11(4): 297- 312.

Litovitz, T.A., Krause, D., Penafiel, M., Elson, E.C. and Mullins, J.M., 1993: „The role of coherence time in the effect of microwaves on ornithine decarboxylase activity“. *Bioelectromagnetics* 14(5): 395-403.

London, S.J., Thomas, D.C., Bowman, J.D., Sobel, E., Chen, T.S. and Peters J.M., 1991: „Exposure to residential electric and magnetic fields and risk of childhood leukemia“. *Am. J. Epidemiology* 134 (9): 923-937.

Maskarinec, G., and Cooper, J., 1993: „Investigation of a childhood leukemia cluster near low-frequency radio towers in Hawaii“. SER Meeting, Keystone, Colorado, June 16-18, 1993. *Am. J. Epidemiology*, 138:666, 1993.

Maes, A., Verschaeve, L., Arroyo, A., De Wagter, C. and Vercruyssen, L., 1993: „In vitro effects of

2454 MHz waves on human peripheral blood lymphocytes". *Bioelectromagnetics* 14: 495-501.

Maes, A., Collier, M., Slaets, D., and Verschaeve, L., 1996: "954 MHz Microwaves enhance the mutagenic properties of Mitomycin C". *Environmental and Molecular Mutagenesis*, 28: 26-30.

Maes A, Collier M, Van Gorp U, Vandoninck S, Verschaeve L, 1997: Cytogenetic effects of 935.2-MHz (GSM) microwaves alone and in combination with mitomycin C. *Mutat Res* 393(1-2): 151-156.

Magone, I., 1996: "The effect of electromagnetic radiation from the Skrunda Radio Location Station on *Spirodela polyrhiza* (L.) Schleiden cultures". *The Science of the Total Environment*, Vol 180, pp 75-80.

Magras, I.N. and Xenos, T.D., 1997: „RF radiation-induced changes in the prenatal development of mice“. *Bioelectromagnetics* 18: 455-461.

Malyapa, R.S., Ahern, E.W., Bi, C., Straube, W/L./., LaRegina, M., Pickard, W.F. and Roti Roti, J.L., 1998: „DNA damage in rat brain cells after in vivo exposure to 2450 MHz electromagnetic radiation and various methods of euthanasia“. *Radiation Research* 149(6): 637-645.

Mann, K.,and Roschke, J, 1995: "Effects of pulsed high-frequency electromagnetic fields on human sleep". *Neuropsychobiology*, 33: 41-47.

Mann, K, Roschke, J, 1996: Effects of pulsed high-frequency electromagnetic fields on human sleep. *Neuropsychobiology* 33(1):41-47.

McKenzie, D.R., Yin, Y. and Morrell, S., 1998: „Childhood incidence of acute lymphoblastic leukaemia and exposure to broadcast radiation in Sydney - a second look“. *Aust NZ J Pub Health* 22 (3): 360-367.

Meltz, M.L., 1995: „Biological effects versus health effects: an investigation of the genotoxicity of microwave radiation“. In: *Radiofrequency Radiation Standards*, NATO ASI Series (B.J. Klaueberg Ed). New York, Plenum Press, 1995: 235-241.

Michelozzi, P., Ancona, C., Fusco, D., Forastiere, F. and Perucci, C.A., 1998: „Risk of leukemia and residence near a radio transmitter in Italy“. *ISEE/ISEA 1998 Conference*, Boston Mass. Paper 354 P., Abstract in *Epidemiology* 9(4):S111.

Mild, K.H., Oftedal, G., Sandstrom, M., Wilen, J., Tynes, T., Haugsdal, B. and Hauger E., 1998: „Comparison of symptoms by users of analogue and digital mobile phones - A Swedish-Norwegian epidemiological study“. *National Institute for working life*, 1998:23, Umea, Sweden, 84pp.

Milham, S., 1982: „Mortality from leukemia in workers exposed to electric and magnetic fields“. *New England J. of Med.*, 307: 249-250.

Milham, S., 1985: „Silent Keys“, *Lancet* 1, 815, 1985.

Milham S., 1985: „Mortality in workers exposed to electromagnetic fields. *Environ Health Perspectives* 62:297-300.

Milham, S., 1988: „Increased mortality in amateur radio operators due to lymphatic and hematopoietic malignancies“. *Am. J. Epidemiology*, Vol 127, No.1, pp 50-54.

Milham, S., 1996: „Increased incidence of cancer in a cohort of office workers exposed to strong magnetic fields“. *Am. J. Ind. Med.* 30(6): 702-704.

Moscovici, B., Lavyel, A. and Ben Itzhac, D., 1974: „Exposure to electromagnetic radiation among workers“. *Family Physician* 3(3): 121.

- Moszczyński, P., Lisiewicz, J., Dmoch, A., Zabinski, Z., Bergier, L., Rucinska, M. and Sasiadek, U., 1999: „The effect of various occupational exposures to microwave radiation on the concentrations of immunoglobulins and T lymphocyte subsets“. *Wiad Lek* 52(1-2):30-34.
- Motluk, A., 1997: „Radio head: The brain has its own FM receiver“. *New Scientist*, 25 October 1997, p17.
- Naegeli B, Osswald S, Deola M, Burkart F, 1996: „Intermittent pacemaker dysfunction caused by digital mobile telephones“. *J Am Coll Cardiol* 27(6):1471-1477.
- Nakamura, H., Seto, T., Nagase, H., Yoshida, M., Dan, S. and Ogina, K., 1997: „Effects of exposure to microwaves on cellular immunity and placental steroids in pregnant rats. *Occup Environ Med* 54(9):676-680.
- Nawrot, P.S., McRee, D.I. and Galvin, M.J., 1985: „Teratogenic biochemical, and histological studies with mice prenatally exposed to 2.45 GHz microwave radiation“. *Radiation research* 102(1):35-45.
- Neura, R.R. and del Pizzo, V., 1996: „When ‚wire codes‘ predict cancer better than spot measurements of magnetic fields“. *Epidemiology* 7(3): 217-218.
- Nordenson, I., Mild, K.H., Nordstrom, S., Sweins, A. and Birke, E., 1984: „Clastogenic effects in human lymphocytes of power frequency electric fields“. *Radiat Environ Biophys* 23(3): 191-201.
- Nordenson, I., Mild, K.H., Ostman, U. and Ljungberg, H., 1988: „Chromosome effects in lymphocytes of 400 kV-substation workers“. *Radiat Environ Biophys* 27(1): 39-47.
- Nordenson, I., Mild, K.H., Andersson, G., and Sandstrom, M., 1994: „Chromosomal aberrations in human amniotic cells after intermittent exposure to 50 Hz magnetic fields“. *Bioelectromagnetics* 15(4):293-301.
- Nordstrom, S., Birke, E. and Gustavsson, L., 1983: „Reproductive hazards among workers at high voltage substations“. *Bioelectromagnetics*, 4(1): 91-101.
- Occhetta E, Plebani L, Bortnik M, Sacchetti G, Trevi G, 1999: „Implantable cardioverter defibrillators and cellular telephones: is there any interference?“. *Pacing Clin Electrophysiol* 22(7): 983-989.
- O'Connor, R.P. and Persinger, M.A., 1997: „Geophysical variables and behavior LXXXII. Strong association between sudden infant death syndrome and increments of global geomagnetic activity - possible support for the melatonin hypothesis“. *Percept. Mot. Skills*, 84(2): 395-402.
- ORAU, 1992: „Health Effects of Low-Frequency Electric and Magnetic Fields“ Oak Ridge Associated Universities, Washington, U.S.A.
- Oscar, K.J. and Hawkins, T.D., 1997: „Microwaves alteration of the blood-brain barrier system of rats“. *Brain Research* 126: 281-293.
- Ouellet-Hellstrom, R. and Stewart, W.F., 1993: „Miscarriages among Female Physical Therapists who report using radio- and microwave- frequency electromagnetic radiation.“ *American J. of Epidemiology*, 138 (10): 775-86.
- Ouellet-Hellstrom, R. and Stewart, W.F., 1995: „Re: Miscarriages among Female Physical Therapists who report using radio- and microwave- frequency electromagnetic radiation.“ (Reply), *American J. of Epidemiology*, 141(3), p274.
- Penafiel, L.M., Litovitz, T., Krause, D., Desta, A. and Mullins, J.M., 1997: „Role of modulation on the effect of microwaves on ornithine decarboxylase activity in L929 cells“. *Bioelectromagnetics* 18(2): 132-141.

- Perry, F.S., Reichmanis, M., Marino, A. and Becker, R.O., 1981: „Environmental power-frequency magnetic fields and suicide“. *Health Phys* 41(2): 267-277.
- Persson, B.R.R., Salford, L.G. and Brun, A., 1997: „Blood-brain barrier permeability in rats exposed to electromagnetic fields used in wireless communication“. *Wireless Network* 3: 455-461.
- Pfluger, D.M. and Minder, C.E., 1996: „Effects of 16.7 Hz magnetic fields on urinary 6-hydroxymelatonin sulfate excretion of Swiss railway workers“. *J Pineal Research* 21(2): 91-100.
- Phelan, A.M., Lange, D.G., Kues, H.A. and Luty, G.A., 1992: “Modification of membrane fluidity in Melanin-containing cells by low-level microwave radiation”. *Bioelectromagnetics*, 13 : 131-146.
- Philips, J.L., Haggren, W., Thomas, W.J., Ishida-Jones, T. and Adey, W.R., 1992: „Magnetic field-induced changes in specific gene transcription“. *Biochem Biophys Acta* 1132(2): 140-144.
- Philips, J.L., Haggren, W., Thomas, W.J., Ishida-Jones, T. and Adey, W.R., 1993: „Effect of 72 Hz pulsed magnetic field exposure on ras p21 expression in CCRF-CEM cells“. *Cancer Biochem Biophys* 13(3): 187-193.
- Phillips, J.L., Ivaschuk, O., Ishida-Jones, T., Jones, R.A., Campbell-Beachler, M. and Haggren, W., 1998: „DNA damage in molt-4 T-lymphoblastoid cells exposed to cellular telephone radiofrequency fields in vitro“. *Bioelectrochem Bioenerg* 45: 103-110.
- Phillips, J.L., Campbell-Beachler, M., Ivaschuk, O., Ishida-Jones, T., R.A., and Haggren, W., 1998a: „Exposure of molt-4 T-lymphoblastoid cells to a 1g sinusoidal magnetic field at 60 Hz, In: 1998 Annual Review of research on biological effects of electric and magnetic fields from generation, delivery and use of electricity; W/L Associates, Ltd, Frederick, MD.
- Polk, C., 1982: „Schumann Resonances“. In: *CRC Handbook of Atmospherics*, Ed: Hans Volland. Boca Raton, Florida: CRC Press, 111-177.
- Pollack, H., 1979a: „The microwave syndrome“, *Bull. N.Y. Acad. Med*, 55(11): 1240-1243.
- Polson, P. and Merritt, J.H., 1985: „Cancer mortality and Air Force bases. A Re-evaluation“. *J Bioelectricity* 4: 121-127.
- Prausnitz, S. and Susskind, C., 1962: “Effects of chronic microwave irradiation on mice”. *IRE Trans on Biomed. Electron.* 9: 104-108.
- Preece, AW, Iwi, G, Davies-Smith, A, Wesnes, K, Butler, S, Lim, E, Varey, A, 1999: Effect of a 915-MHz simulated mobile phone signal on cognitive function in man. *Int J Radiat Biol* 75(4):447-456.
- Quan, R., Yang, C., Rubinstein, S., Lewiston, N.J., Sunshine, P., Stevenson, D.K. and Kerner, J.A., 1992: „Effects of microwave radiation on anti-infective factors in human milk“. *Pediatrics* 89(4):667-669.
- Rao, S. and Henderson, A., 1996: „Regulation of c-fos is affected by electromagnetic fields“. *J Cell Biochem* 63(3): 358-365.
- Redelmeier, D.A. and Tibshirani, R.J., 1997: „Association between cellular-telephone calls and motor vehicle collisions“. *New England J Medicine* 336(7): 453-458.
- Reiser, H., Dimpfel, W. and Schober, F., 1995: „The influence of electromagnetic fields on human brain activity“. *Eur. J. Med Res* 1(1): 27-32.
- Reiter, R.J., 1994: “Melatonin suppression by static and extremely low frequency electromagnetic fields: relationship to the reported increased incidence of cancer”. *Reviews on Environmental Health*. 10(3-4):171-86, 1994.

Reiter, R.J. and Robinson, J, 1995: „Melatonin: Your body's natural wonder drug“. Publ. Bantam Books, New York.

Repacholi, MH, Basten, A, Gebiski, V, Noonan, D, Finnie, J, Harris, AW, 1997: Lymphomas in E mu-Pim1 transgenic mice exposed to pulsed 900 MHz electromagnetic fields. *Radiat Res* 147(5):631-640.

Robinette, C.D., Silverman, C. and Jablon, S., 1980: “Effects upon health of occupational exposure to microwave radiation (radar)”. *American Journal of Epidemiology* 112(1): 39-53.

Rosenthal, M. and Obe, G., 1989: „Effects of 50 Hz electromagnetic fields on proliferation and on chromosomal alterations in human peripheral lymphocytes untreated and pretreated with chemical mutagens“. *Mutation Research* 210(2): 329-335.

Rosen, L.A., Barber, I. and Lyle D.B., 1998: „A 0.5 G, 60 HZ magnetic field suppresses melatonin production in pinealocytes“. *Bioelectromagnetics* 19: 123-127.

Rothman, K.J., Chou, C.K., Morgan, R., Balzano, Q., Guy, A.W., Funch, D.P., Preston-Martin, S., Mandel, J, Steffens, R. and Carlo, G., 1996a: „Assessment of cellular telephone and other radio frequency exposure for epidemiologic research. *Epidemiology* 7:291-298.

Rothman K.J., Loughlin J.E., Funch, D.P. and Dreyer, N.A., 1996b: „Overall mortality of cellular telephone customers“. *Epidemiology* 7:303-305.

Royal Society of New Zealand, 1998: „Radiation and the New Zealand Community“. Bulletin No. 34, R.S.N.Z., Turnball Street, Wellington, New Zealand.

Sagripani, J. and Swicord, M.L., 1976: DNA structural changes caused by microwave radiation. *Int. J. of Rad. Bio.*, 50(1), pp 47-50, 1986.

Salford, L.G., Brun, A., Stureson, K., Eberhardt, J.L. and Persson, B.R.R., 1994: Permeability of the Blood- Brain Barrier induced by 915 MHz electromagnetic radiation, continuous wave and modulated at 8, 16, 50 and 200 Hz.

Sandyk, R., Anastasiadis, P.G., Annionos, P.A. and Tsagas, N., 1992: „The pineal gland and spontaneous abortions: implications for therapy with melatonin and magnetic field“. *International Journal of Neuroscience* 62(3-4): 243-250.

Sandyk, R. 1993: „Weak magnetic fields antagonize the effects of melatonin on blood glucose levels in Parkinson's Disease“. *Int. J. Neuroscience* 68(1-2): 85-91.

Sandyk, R. 1994: „Rapid normalization of visual evoked potentials by picoTesla range magnetic fields in chronic progressive multiple sclerosis“. *Int. J. Neuroscience* 77(304): 243-259.

Sandyk, R. and Derpapas, K. 1993: „Further observations on the unique efficacy of picoTesla range magnetic fields in Parkinson's Disease“. *Int. J. Neuroscience* 69(1-4): 167-183.

Sandyk, R. and Iacono, R.P., 1993: „Reversal of visual neglect in Parkinson's Disease by treatment with picoTesla range magnetic fields“. *Int. J. Neuroscience* 73(1-2): 93-107.

San Francisco, 1988: „Report on Cancer Incidence in San Francisco“. City and County of San Francisco, Department of Public Health, 24 October 1988.

Sanjose, S., Roman, E. and Beral, V., 1991: „Low birthweight and preterm delivery, Scotland, 1981-1984: effect of parent's occupation“. *Lancet* 338(8764): 428-431.

Sarkar, S., Sher, A., and Behari, J., 1994: “Effect of low power microwave on the mouse genome: A direct DNA analysis”. *Mutation Research*, 320: 141-147.

Sastre, A., Cook, M.R. and Graham, C., 1998: „Nocturnal exposure to intermittent 60 Hz magnetic fields alters human cardiac rhythm“. *Bioelectromagnetics* 19: 98-106.

Savitz, D.A., Wachtel, H., Barnes, F.A., John, E.M. and Tvrdik, J.G., 1988: „Case-control study of childhood cancer and exposure to 60Hz magnetic fields“. *Am.J. Epidemiology* 128: 21-28.

Savitz, D.A., Liao, D., Sastre, A., Klecjner, R.C., and Kavet, R., 1999: „Magnetic field exposure and cardiovascular disease mortality among electric utility workers“. *Am. J. Epidemiology*, 149(2): 135- 142.

Savitz, D.A., Checkoway, H. and Loomis, D.P., 1998a: „Magnetic field exposure and neurodegenerative disease mortality among electric utility workers“. *Epidemiology* 9(4):398-404.

Savitz, D.A., Loomis, D.P. and Tse, C.K., 1998b: „Electrical occupations and neurodegenerative disease: analysis of U.S. mortality data“. *Arch Environ Health* 53(1): 71-74.

Savitz, D.A., Liao, D., Sastre, A., Klecjner, R.C., and Kavet, R., 1999: „Magnetic field exposure and cardiovascular disease mortality among electric utility workers“. *Am. J. Epidemiology*, 149(2): 135- 142.

Schlegel RE, Grant FH, Raman S, Reynolds D 1998: „Electromagnetic compatibility study of the in-vitro interaction of wireless phones with cardiac pacemakers“. *Biomed Instrum Technol* 32(6): 645-655.

Schwan, H.P., 1985: „Biophysical principles of the interaction of ELF fields with living matter“. *Publ. Plenum Press, New York*.

Schwartz, J.L., House, D.E., and Mealing, A.R., 1990: “Exposure of frog hearts to CW or amplitude modulated VHF fields: selective efflux of calcium ions at 16 Hz.” *Bioelectromagnetics*, 11: 349- 358.

Selga, T. and Selga, M., 1996: “Response of *Pinus sylvestris* (L.) needles to electromagnetic fields. Cytological and ultrastructural aspects”. *The Science of the Total Environment*, Vol 180, pp 65-74.

Selvin, S., Schulman, J. and Merrill, D.W., 1992: „Distance and risk measures for the analysis of spatial data: a study of childhood cancers“. *Soc. Sci. Med.*, 34(7):769-777.

Shandala, M.G., Dumanskii, U.D., Rudnev, M.I., Ershova, L.K., and Los I.P., 1979: “Study of Non-ionising Microwave Radiation Effects on the Central Nervous System and Behavior Reactions”. *Environmental Health Perspectives*, 30:115-121.

Sibbison, J.B., 1990: “USA: Danger from electromagnetic fields”. *The Lancet*, July 14, 1990, p106.

Sobel, E., Davanipour, Z., Sulkava, R., Erkinjuntti, T., Wikstrom, J., Henderson, V.W., Bucjwalter, G., Bowman, D. and Lee, P-J., 1995: „Occupations with exposure to electromagnetic fields: a possible risk factor for Alzheimer’s Disease“. *Am J Epidemiol* 142(5): 515-524.

Sobel, E., Dunn, M., Davanipour, D.V.M., Qian, M.S. and Chui, M.D., 1996: „Elevated risk of Alzheimer’s disease among workers with likely electromagnetic field exposure. *Neurology* 47(12): 1477-1481.

Schirmacher, A, Bahr, A, Kullnick, U, Stoegbauer, F, 1999: Electromagnetic fields (1.75 GHz) influence the permeability of the blood-brain barrier in cell culture model. Presented at the Twentieth Annual Meeting of the Bioelectromagnetics Society, St. Pete Beach, FL, June.

Singh, N.P., Stevens, R.E., and Schneider, E.L., 1994: „Modification of alkaline microgel electrophoresis for sensitive detection of DNA damage“. *Int. J. of Rad. Biolo.* 66: 23-28.

Skyberg, K., Hansteen, I.L., and Vistnes, A.I., 1993: “Chromosome aberrations in lymphocytes of high- voltage laboratory cable splicers exposed to electromagnetic fields”. *Scandinavian Journal of Work, Environment & Health*.19(1):29-34.

Stark, K.D.C., Krebs, T., Altpeter, E., Manz, B., Griol, C. and Abelin, T., 1997: „Absence of chronic effect of exposure to short-wave radio broadcast signal on salivary melatonin concentrations in dairy cattle“. *J Pineal Research* 22: 171-176.

Steneck, N.H., Cook, H.J., Vander, A.J. and Kane, G.L., 1980: „The origins of U.S. safety standards for microwave radiation“. *Science*, 208 (13 June): 1230-1237.

Szmigielski, S., Szudzinski, A., Pietraszek, A., et al., 1982: „Accelerated development of spontaneous and benzopyrene induced skin cancer in mice exposed to 2450 MHz microwave radiation“. *Bioelectromagnetics*, 3: 179-191.

Szmigielski, S., Bielec, M., Lipski, S., and Sokolska, G., 1988: „Immunological and cancer-related aspects of exposure to low level microwave and radiofrequency fields“. In Marino (Ed), „Modern Bioelectricity“, Marcel Bekker, N.Y., pp 861-925.

Szmigielski, S., 1991: International Science Meeting, Beograd, 8-11 April 1991, p 34.

Szmigielski, S., 1996: “Cancer morbidity in subjects occupationally exposed to high frequency (radiofrequency and microwave) electromagnetic radiation”. *Science of the Total Environment*, Vol 180, 1996, pp 9-17.

Szmigielski, S., Bortkiewicz, A., Gadzicka, E., Zmyslony, M. and Kubacki, R., 1998: „Alteration of diurnal rhythms of blood pressure and heart rate to workers exposed to radiofrequency electromagnetic fields“. *Blood Press. Monit*, 3(6): 323-330.

Taskinen, H., Kyyronen, P., and Hemminki, K., 1990: “Effects of ultrasound, shortwaves and physical exertion on pregnancy outcome in physiotherapists”. *J. of Epidemiology and Community Health*, 44:196-210.

Thomas, T.L., Stolley, P.D., Stemhagen, A., Fontham, E.T.H., Bleecker, M.L., Stewart, P.A., and Hoover, R.N., 1987: „Brain tumor mortality risk among men with electrical and electronic jobs: A case-control study“. *J. Nat. Canc. Inst.*, Vol 79, No.2, pp 233-238., August 1987.

Timchenko, O.I., and Ianchevskaia, N.V., 1995: “The cytogenetic action of electromagnetic fields in the short-wave range”. *Psychopharmacology Series*, Jul-Aug;(7-8):37-9.

Tonascia, J.A. and Tonascia, S., 1969: „Hematological Study: progress report on SCC 31732“, George Washington University, Department of Obstetrics and Gynecology, February 4, 1969.

Tornqvist, S., Knave, B., Ahlbom, A., and Persson, T., 1991: “Incidence of leukaemia and brain tumours in some ‘electrical occupations’”. *British Journal of Industrial Medicine*, 48: 597-603.

Trigano AJ, Azoulay A, Rochdi M, Campillo, A., 1999: „Electromagnetic interference of external pacemakers by walkie-talkies and digital cellular phones: experimental study. *Pacing Clin Electrophysiol* 22(4 Pt 1): 588-593.

Tyler, P.E., 1975: “Overview of electromagnetic radiation research: Past, present and future“. *Annals N.Y. Acad. Sci.* 247, February 1975, 6-14.

Tynes, T., Hannevik, M., Anderson, A., Vistnes, A.I. and Haldorsen, T., 1996: “Incidence of breast cancer in Norwegian female radio and telegraph operators”. *Cancer causes Control.*, 7(2): 197-204.

Valjus, J., Norppa, H., Jarventaus, H., Sorsa, M., Nykyri, E., Salomaa, S., Jarvinen, P., and Kajander, J., 1993: “Analysis of chromosomal aberrations, sister chromatid exchanges and micronuclei among power linesmen with long-term exposure to 50-Hz electromagnetic fields”. *Radiation & Environmental Biophysics*, 32(4): 325-36.

- Van Wijngaarden, E., Savitz, D.A., Kleckner, R.C., Dai, J. and Loomis, D., 2000: „Exposure to electromagnetic fields and suicide among electric utility workers: a nested case-control study“. *Occupational and Environ Medicine*, 57: 258-263.
- Vanecek, J., 1998: „Cellular Mechanisms of Melatonin Action“. *Physiol. Rev.* 78: 687-721.
- Vaughan, T.L., Daling, J.R. and Starzyk, P.M., 1984: „Fetal death and maternal occupation“. *J. Occup. Med.* 676-678.
- Velizarov, S, Raskmark, P, Kwee, S, 1999: The effects of radiofrequency fields on cell proliferation are non- thermal. *Bioelectrochem Bioenerg* 48(1):177-180.
- Verkasalo, P.K., Kaprio, J., Varjonen, J., Romanov, K., Heikkila, K., and Koskenvuo, M., 1997: „Magnetic fields of transmission lines and depression“. *Am. J. Epidemiology*, 146(12): 1037-45.
- Verschaeve, L., Slaets, D., Van Gorp, U., Maes, A. and Vanderkom, J., 1994: „In vitro and in vivo genetic effects of microwaves from mobile phone frequencies in human and rat peripheral blood lymphocytes“. *Proceedings of Cost 244 Meetings on Mobile Communication and Extremely Low Frequency field: Instrumentation and measurements in Bioelectromagnetics Research*. Ed. D, Simunic, pp 74-83.
- Vignati, M. and Giuliani, L., 1997: “Radiofrequency exposure near high-voltage lines”. *Environmental Health Perspectives*, 105 (Suppl 6): 1569-1573.
- Vijayalaxmi, B.Z., Frei, M.R., Dusch, S.J., Guel, V., Meltz, M.L. and Jauchem, J.R., 1997a: „Frequency of micronuclei in the peripheral blood and bone marrow of cancer-prone mice chronically exposed to 2450 MHz radiofrequency radiation“. *Radiation Research*, 147: 495-500.
- Vijayalaxmi, B.Z., Frei, M.R., Dusch, S.J., Guel, V., Meltz, M.L. and Jauchem, J.R., 1997a: „Frequency of micronuclei in the peripheral blood and bone marrow of cancer-prone mice chronically exposed to 2450 MHz radiofrequency radiation - a correction“. *Radiation Research*, 148:
- Violanti, J.M., 1998: „Cellular phones and fatal traffic collisions“. *Accid Anal Prev* 30(4): 519-524.
- Violanti, J.M. and Marshall, J.R., 1996: „Cellular phones and traffic accidents: an epidemiological approach“. *Accid Anal Prev* 28(2): 265-270.
- Von Klitzing, L, 1995: Low-frequency pulsed electromagnetic fields influence EG of man. *Phys. Medica* 11:77-80.
- Walleczek, J., 1992: “Electromagnetic field effects on cells of the immune system: the role of calcium signaling”. *FASEB J.*, 6: 3176-3185.
- Wagner, P., Roschke, J., Mann, K., Hiller, W. and Frank, C., 1998: „Human sleep under the influence of pulsed radiofrequency electromagnetic fields: a polysomnographic study using standardized conditions“. *Bioelectromagnetics* 19(3): 199-202.
- Wang, S.G. 1989: „5-HT contents change in peripheral blood of workers exposed to microwave and high frequency radiation“. *Chung Hua Yu Fang I Hsueh Tsa Chih* 23(4): 207-210.
- Wei, L.X., Goodman, R. and Henderson, A., 1990: „Changes in levels of c0myc and histone H2B following exposure of cells to low-frequency sinusoidal electromagnetic fields: evidence for a window effect“. *Bioelectromagnetics*, 11(4): 269-272.
- Wertheimer, N. and Leeper, E.,1979: „Electrical wiring configurations and childhood cancer“. *Am. J. Epidemiology* 109: 273-284.

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

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

Wever R. 1974, ELF-effects on Human Circadian Rhythms. In: Persinger MA editor. *ELF and VLF Electromagnetic Field Effects*. New York, Plenum Press. p 101-144.

Weyandt, T.B., Schrader, S.M., Turner, T.W. and Simon, S.D., 1996: „Semen analysis of military personnel associated with military duty assignments“. *Reprod Toxicol* 10(6):521-528.

WHO (1981): „Environmental Health Criteria 16: Radiofrequency and Microwaves“. World Health Organization, Geneva.

WHO (1993): „Environmental Health Criteria 137: Electromagnetic fields (300 Hz to 300 GHz) Radiofrequency and Microwaves“. World Health Organization, Geneva.

Williams, G.M., 1996: „Comment on ‚Acute low-intensity microwave exposure increases DNA single-strand breaks in rat brain cells‘ „by Henry Lai and Narendra P. Singh. *Bioelectromagnetics* 17: 165.

Wilson, B.W., Wright, C.W., Morris, J.E., Buschbom, R.L., Brown, D.P., Miller, D.L., Sommers-Flannigan, R. and Anderson, L.E., 1990: „Evidence of an effect of ELF electromagnetic fields on human pineal gland function“. *J Pineal Research* 9(4): 259-269.

Wood, A.W., Armstrong, S.M., Sait, M.L., Devine, L. and Martin, M.J., 1998: „Changes in human plasma melatonin profiles in response to 50 Hz magnetic field exposure“. *J Pineal Research* 25(2): 116- 127.

Yaga, K, Reiter, R.J., Manchester, L.C., Nieves, H., Sun, J.H. and Chen, L.D., 1993: „Pineal sensitivity to pulsed magnetic fields changes during the photoperiod. *Brain Res Bulletin*, 30 (1-2): 153-156.

Youbicier-Simo, BJ, Lebecq, JC, Bastide, M, 1998: Mortality of chicken embryos exposed to EMFs from mobile phones. Presented at the Twentieth Annual Meeting of the Bioelectromagnetics Society, St. Pete Beach, FL, June.

Zaret, M.M., 1977: „Potential hazards of hertzian radiation and tumors. *NY State J Med*, 146-147.

Die obigen Quellen stammen aus: Evidence of Health Effects of Electromagnetic Radiation, To the Australian Senate Inquiry into Electromagnetic Radiation (Dr Neil Cherry Lincoln University Canterbury, New Zealand):

WEITERE VERÖFFENTLICHUNGEN: MAGNETFELDER AUF STIMMUNGS- UND BEWUSSTSEINSLAGEN:

1. Barker, SA, Borjigin, J., Lomnicka, I., & Strassman, R. (2013) LC / MS / MS-Analyse der endogenen dimethyltryptamine Halluzinogene, deren Vorläufer und Hauptmetaboliten im Ratten Zirbeldrüse Mikrodialysat. *Biomedical Chromatographie* , 27, 1690-1700
2. Leino, M., Airaksinen, MM, Antikainen, R., Gynther, J., Kari, E., Kari, I. & Peura P. (1984) Aufteilung der 1,2,3,4-Tetrahydro-beta -Carbolin und 6-methoxy-1,2,3,4-tetrahydro-beta-carbolin in Mäusen. *Acta Pharmacologica et Toxicologica*, 54, (5), 361-371.
3. Sparks, DL, Buckholtz, NS (1980) 6-Methoxy-1,2,3,4-tetrahydro-beta-carbolin: eine spezifische Monoaminoxidase-A-Inhibitor in CF-1-Mäusegehirn *Neuroscience Letters*, 20, (1), 73-8.
4. Sparks, DL & Bukholtz, NS (1980) Effects of 6-methoxy-1,2,3,4-tetrahydro-beta-carbolin (6-MeO-THbetaC) auf audiogenen Anfällen in DBA / 2J-Mäusen. *Pharmacology Biochemistry & Verhalten*, 12, (1), 119-124.
5. Harada, T. (2004) Auswirkungen von Abendlicht Bedingungen auf Speichel Melatonin japanischer Junior High School Schüler. *Blatt der zirkadianen Rhythmen*, 2, 4.
- 6-Methoxy-1,2,3,4-tetrahydro-9H-pyrido[3,4-b]indole; 6-Methoxy-1,2,3,4-tetrahydro-β-carboline; 6-MeO-THBC.

ReferencesDMT

1. Barker, S.A., Borjigin, J., Lomnicka, I., & Strassman, R. (2013) LC/MS/MS analysis of the endogenous dimethyltryptamine hallucinogens, their precursors, and major metabolites in rat pineal gland microdialysate. *Biomedical Chromatography*, 27, 1690–1700
2. Leino, M., Airaksinen, M.M., Antikainen, R., Gynther, J., Kari, E., Kari, I. & Peura P. (1984) Distribution of 1,2,3,4-tetrahydro-beta-carboline and 6-methoxy-1,2,3,4-tetrahydro-beta-carboline in mice. *Acta Pharmacologica et Toxicologica*, 54, (5), 361-371.
3. Sparks, D.L., Buckholtz, N.S. (1980) 6-Methoxy-1,2,3,4-tetrahydro-beta-carboline: a specific monoamine oxidase-A inhibitor in CF-1 mouse brain. *Neuroscience Letters*, 20, (1), 73-8.
4. Sparks, D.L. & Bukholtz, N.S. (1980) Effects of 6-methoxy-1,2,3,4-tetrahydro-beta-carboline (6-MeO-THbetaC) on audiogenic seizures in DBA/2J mice. *Pharmacology Biochemistry & Behavior*, 12, (1), 119-124.
5. Harada, T. (2004) Effects of evening light conditions on salivary melatonin of Japanese junior high school students. *Journal of Circadian Rhythms*, 2, 4. Bancopuma attached the following image(s): Pinoline.png (4kb) downloaded **155** time(s).

Magnetobiology

- [1] V.N. Binhi and A.V. Savin: Effects of weak magnetic fields on biological systems: Physical aspects. *Physics–Uspekhi*, 46(3):259–291, 2003.
- [2] V.N. Binhi: Magnetobiology: Underlying Physical Problems. Academic Press, San Diego, 2002.
- [3] R.P. Blakemore: Magnetotactic bacteria. *Science*, 190(4212):377–379, 1975.

- [4] J.L. Kirschvink, D.S. Jones, and B.J. MacFadden (editors): *Magnetite Biomineralization and Magneto-reception in Organisms. A New Biomagnetism*. Plenum, New York, 1985.
- [5] J.L. Kirschvink, A. Kobayashi-Kirschvink, and B.J. Woodford: Magnetite biomineralization in the human brain. *Proc. Natl. Acad. Sci. USA*, 89(16):7683–7687, 1992.
- [6] R. Benzi, A. Sutera, and A. Vulpiani: The mechanism of stochastic resonance. *J. Phys. A*, 14:L453–L457, 1981.
- [7] B. McNamara and K. Wiesenfeld: Theory of stochastic resonance. *Phys. Rev. A*, 39(9):4854–4869, 1989.

Brzezinski, A. & Wurtman, R.J. (1988). The Pineal Gland: Its possible roles in human reproduction. *Obstetrical & Gynaecological Survey*, 43 (4), 197 - 207.

Callaway, J.C. (1988). “A proposed mechanism for the visions of dream sleep,” *Medical Hypotheses*, 26, 119 - 124.

Cowley, G. (1995). Melatonin, *Newsweek*, Aug.7, 46 - 49

Davidson, J. (1989). *Subtle Biology: The Web of Life*, J. Davidson, Cambridge.

Johnson, L.Y (1982). The Pineal as a modulator of the Adrenal and Thyroid Axes. In Reiter, R.J., *The Pineal Gland, Vol. III: Extra-reproductive Effects*. C.R.C. Press Inc., Boca Raton, Florida, USA.

Maestroni, G.J.M. et al (1989). Pineal Melatonin, its fundamental immunoregulatory role in aging and cancer. *Annals New York Academy of Sciences*, 140 - 148.

Ng, T.B. & Wong, C.M. (1986). Pineal lipid metabolism, *J. Pineal Res.*, 3, 55-66.

Ott, J. (1993). *Pharmacotheon: Entheogenic drugs, their plant sources and history*, Natural Products Co., WA, USA.

Ott, J. (1994). *Ayahuasca Analogues: Pan-Amazonian Antheogens*, Natural Products Co., WA, USA.

Reppert, S.M. et al. (1988). Maternal Communication of Circadian Phase to the Developing Mammal, *Psychoneuroendocrinol.*, 13, 613-78.

Rhine, L.E. (1969). Case Study Review. *J. Parapsychology*, 33, 228 - 266.

Roney - Dougal, S.M. (1986). Some speculations on a possible psychic effect of harmaline. In Weiner, D.H. & Radin, D.I. (eds.), *Research in Parapsychology 1985*, Scarecrow Press, Metuchen, NJ, p.120 - 123.

Roney - Dougal, S.M. (1989). Recent Findings relating to the possible role of the Pineal Gland in affecting Psychic Abilities. *J. Soc. Psych. Res.*, 56, 313-328.

Roney - Dougal, S.M. (1991). *Where Science and Magic Meet*, Element Books, Britain.

Roney - Dougal, S.M. (1993). Some Speculations on the Effect of **Geomagnetism** on the Pineal Gland, *J. Soc. Psych. Res.*, 59, 1 - 15.

Satyananda, Swami Saraswati. (1972a). *The Pineal Gland (Ajna Chakra)*. Bihar School of Yoga, Bihar, India.

Satyananda, Swami Saraswati. (1972b). *Kundalini Yoga*. Bihar School of Yoga, Bihar, India.

Strassman, R.J. (1990). The Pineal Gland: Current Evidence for its Role in Consciousness. In Lyttle, T. (ed.), *Psychedelic Monographs and Essays*. Vol. 5. PM&E Pub., Boynton Beach, Florida.

Touitou, Y. et al. (1984). Patterns of plasma melatonin with aging and mental condition: stability of nyctohemeral rhythms and differences in seasonal variation. *Acta Endocrinol*, 106, 145-151.

Vaughan, G.M. & Reiter, R.J. (1986). Pineal dependence of the Syrian hamsters nocturnal serum melatonin surge, *J. Pineal Res.*, 3, 9-14.

Webley, G.E. et al. (1988). Positive Relationship between the nocturnal concentration of melatonin and Prolactin, and a stimulation of Prolactin after Melatonin administration in Wilson, J.D. & Foster, D.W. (eds.) (1992) *Williams Text book of Endocrinology*, 8th ed., W.B. Saunders, USA.

MAGNETFELDER UND VERÄNDERUNG VON WAHRNEMUNG:

Adams, M. H. (1986). **Variability in remote-viewing performance: Possible relationship to the geomagnetic field** (Abstract), RIP 1985, p. 25.

Airaksinen, M. M. and Kari, I. (1981). Beta-carbolines, psychoactive compounds in the mammalian body; Part I: Occurrence, origin and metabolism, *Medical Biology*, 59, 21-34.

Airaksinen, M. M. and Kari, I. (1981). Beta-carbolines, psychoactive compounds in the mammalian body; Part II: Effects, *Medical Biology*, 59, 190-211. Allain, D. et al. (1986). Effects of pinealectomy on photo-periodic control of hairfollicle activity in the limousine ram: Possible relationship with plasma prolactin levels, *J. Pineal Research*, 3, 25-32.

Arendt, J. (1978). Melatonin assays in body fluids/ *Neural Trans.*, Suppl. 13, 265-278.

Arendt, J. (1985). The pineal: A gland that measures time?, *New Scientist*, 1466, July 25th, 36-39.

Axelrod, J. et al. (1965). Control of HIOMT activity in the rat pineal gland by environmental lighting./ *Biol. Chem.*, 240, 249.

Barker, S. et al. (1981). Identification and quantification of 1,2,3,4-Tetrahydrobetacarboline, 2-Methyl-1,2,3,4-Tetrahydrobetacarboline, and 6-methoxy-1,2,3,4-tetrahydrobetacarboline as in vivo constituents of rat brain and adrenal gland, *Biochemical Pharmacology*, 30, 9—17.

Barr, F. E. et al. (1983). Melanin: The organising molecule, *Medical Hypotheses*, 11, No. 1.

Binkley, S. (1979). A time keeping enzyme in the pineal gland, *Scientific American*, 240 (4), 50-55.

Braud, L. W. and Braud, W. G. (1974). Further studies of relaxation as a psi-conductive state, *JASPR*, 68, 229-245.

Callaway, J. C. (1988). A proposed mechanism for the visions of dream sleep, *Medical Hypotheses*, 26, 119-124.

Cremer-Bartels, G. et al. (1984), Magnetic field of the earth as additional Zeitgeber for endogenous rhythms?, *Naturwissenschaften*, 71, 567-574.

Deulofeu, V. (1967). Chemical compounds from Banisteriopsis and related species, in Effron et al. (eds.), *Ethnopharmacologic search for psychoactive drugs*, NIMH, U.S. Dept. of Health, Education and Welfare, pp. 393-401.

Dixon, N. F. (1979). Subliminal perception and parapsychology, in Coly, L. and Shapin, B. (eds.), *Brain/Mind and Parapsychology*, Parapsychology Foundation Inc., N.Y., pp. 206-220.

Farrell, G. and Melsaacs, W. M. (1961). Adrenoglomerulotropin, *Arch. Biochem. Biophys.*, 94, 543.

Gaer-Luce, G. (1973). *Body Time*, New York: Paladin.

- Harner, M. J. (ed.) (1978). *Hallucinogens and shamanism*, Oxford Univ. Press.
- Honecker, H. and Rommelspacher, H. (1978). *Naunyn-Schmiedeberg's Archs. Pharmac.*, 305, 135.
- Honorton, C. (1977). Psi and internal attention states, in Wolman, B. B. (ed.), *Handbook of Parapsychology*, Van Nostrand Reinhold, N.Y., pp. 435-472.
- Hsu, L. L. (1984). Pineal aryl acylamidase: effects of melatonin, serotonin-related compounds, beta-carbolines, RO4-4602 and antidepressants, *Res. Commun. Chem. Pathol. Pharmacol.*, 43 (2), 223-234.
- Irwin, H. J. (1979). *Psi and Mind: An information processing approach*, Scarecrow Press, Metuchen, N.J.
- Johnson, L. Y. (1982). The pineal as a modulator of the adrenal and thyroid axes. In Reiter, R. J. (ed.), *The Pineal Gland. Vol. III, Extra-reproductive Effects*, CRC Press Inc., Florida.
- Jouvet, M. (1974). Monoaminergic regulation of the sleep-waking cycle in the cat. In Schmitt, F. O. & Worden, F. G. (eds.), *The Neurosciences*, MIT Press, U.S.A.
- Keane, P. & Wells, R. (1979). An examination of the menstrual cycle as a hormone related physiological concomitant of psi performance, *RIP* 1978.
- Kensinger, K. M. (1978). Banisteriopsis usage among the Peruvian Cashinahua, in Harner, M. J. (ed.), *Hallucinogens and shamanism*, Oxford Univ. Press, pp. 9—14.
- Krippner, S., Honorton, C. and Ullman, M. (1972). A second precognitive dream study with Malcolm Ressent, *JASPR* 66, 269-279.
- Langer, S. Z. et al. (1984). Possible endocrine role of the pineal gland for 6-Methoxytetrahydrobeta-carboline, a putative endogenous neuromodulator of the (3H)Imipramine recognition site, *Euro.J. Pharmacol.*, 102, 379-380.
- Lansky, P. (1979). Neurochemistry and the awakening of Kundalini. In White, J. (ed.), *Kundalini, Evolution and Environment*.
- Leino, M. et al. (1984). Effects of melatonin and 6-MeOTHBC in light induced retinal damage: A computerized morphometric method, *Life Sciences*, 35, 1997-2001.
- Matthews, C. D. et al. (1981) Melatonin in humans, in Biran, N. and Schloot, W. (eds.), *Melatonin: Its current status and perspectives*. *Advances in the Biosciences*, 29, Pergamon Press.
- May, R. & Mead, R. A. (1986). Evidence for pineal involvement in timing implantation in the Western Spotted Skunk, *J. Pineal Res.*, 3, 1-8.
- Mcisaac, W. M. (1961). Formation of l-Methyl-6-Methoxy-1,2,3,4-tetrahydrobetacarboline under physiological conditions, *Biochim. Biophys. Acta*, 54, 607—609.
- Mcisaac, W. M., Khairallah, P. A. & Page, I. H. (1961). 10-methoxy harmalan, a potent serotonin antagonist which affects conditioned behaviour, *Science*, 134, 674—675.
- Mori, Y. & Okamura, H. (1986). Plasma prolactin levels in ruminant seasonal variations, *J. Pineal. Res.*, 3, 77-86.
- Most, A. (1986). *Eros and the Pineal*, Venom Press, U.S.A.
- Muller, W. E. & Fehske, K. J. et al. (1981). On the neuropharmacology of harmane and other beta-carbolines, *Pharmacol., Biochem. & Behaviour*, 14, 693—699.
- Naranjo, C. (1967). Psychotropic properties of the harmala alkaloids, in Effron et al. (eds.), *Ethnopharmacological search for psychoactive drugs*, NIMH, U.S. Dept. for Health, Education and Welfare, pp. 385-391.

Naranjo, C. (1973). *The Healing Journey: New approaches to consciousness*, Ballantine Books, N.Y., pp. 119-169.

Neppe, V. M. (1980). Subjective paranormal experience and temporal lobe symptomatology, *Parapsych.J. South Africa*, 1, 78-98.

Ng, T. B. & Wong, C. M. (1986). Pineal and lipid metabolism, *Pineal Res.*, 3, 55-66.

Ott, J. (1976). *Hallucinogenic Plants of North America*, Wingbow Press, Berkeley, U.S.A.

Pavel, S. et al. (1981). Melatonin, vasotocin and REM sleep in prepubertal boys, in *Melatonin: Current status and perspectives; Advances in Biochemistry*, 29, 343-347, Pergamon Press.

Persinger, M. A. (1986). Intense subjective telepathic experiences occur during days of quiet global geomagnetic activity, *RIP 1985*, p. 32 (Abstract). Scarecrow Press, Metuchen, N.J., p. 32.

Prozialeck, W. C. et al. (1978). *J. Neurochem.*, 30, 1471.

Quay, W. B. (1974). *Pineal Chemistry*, C. C. Thomas Springfield, 111., U.S.A.

Reiter, R. J. (1981). *The Pineal*, vol. 6. Annual Research Reviews, Eden Press, U.S.A.

Reiter, R. J. (1982). *The Pineal Gland*, vol. III: Extra-reproductive Effects, CRC Press Inc., Florida, U.S.A.

Reiter, R. J. (1984). *Pineal Research Reviews*, vol. 2, Alan R. Liss, N.Y., U.S.A.

Reppert, S. et al. (1988) Human clock pinpointed, *New Scientist*, 1638, 12th Nov., 33.

Reuss, S. (1986). Ganglionectomy effects on pineal electrical activity, *J. Pineal. Res.*, 3, 87-94.

Rhine, L. E. (1981). *The Invisible Picture*, McFarland, Jefferson, U.S.A.

Rimon, R. et al. (1984). **Pinoline**, a beta-carboline derivative in the serum and cerebrospinal fluid of patients with schizophrenia, *Annals of Clinical Res.*, 16, 171—175.

Robinson, D. (1985). Stress and Psi: A preliminary model involving epilepsy, sexuality and shamanism, *RIP 1984*, 32-35 (abstract).

Roll, W. G. & Montagno, E. de A. (1985). Neurophysical aspects of psi, *RIP 1984*, 35-41 (abstract).

Rommelspacher, H. & Susilo, R. (1985). Tetrahydroisoquinolines and beta-carbolines: putative natural substances in plants and mammals, *Prog. Drug Res.*, 29, 415-459.

Satyananda Saraswati, Swami (1972). *The Pineal Gland (Ajna chakra)*, Bihar School of Yoga, Bihar, India.

Schmitt, M. & Stanford, R. G. (1978). Free-response ESP during ganzfeld stimulation: The possible influence of menstrual cycle phase, *JASPR*, 72, 177-182.

Semm, P. et al. (1981). Electrical responses of pineal cells to thyroid hormones and parathormone, *Neuroendocrinology*, 33, 212-217.

Smith, J. A. (1978). The pineal gland: Its possible significance in schizophrenia, in Hemmings, G. (td.), *The Biological Basis of Schizophrenia*, MIT Press Ltd., U.S.A.

Spinelli, E. (1983). Paranormal cognition: Its summary and implications, *Parapsych. Rev.*, 14 (5), 5—8.

Stockmeier, C. & Blask, D. (1986). Catecholamines and convulsions from pinealectomy, *J. Pineal Res.*, 3, 67-76.

Ullman, M., Krippner, S. and Vaughan, A. (1973). *Dream Telepathy*, Macmillan, N.Y. Vaughan, G. M. & Reiter, R. J. (1986). Pineal dependence of the Syrian hamster's nocturnal serum melatonin surge, *J. Pineal Res.*, 3, 9—14.

Walker, R. F. et al. (1986). Temporal effects of norepinephrine on pineal serotonin in vitro, *J. Pineal Res.*, 3, 33-40.

Welker, H. A. et al. (1985). *Exp. Brain Res.*, 50, 426.

Whitehouse, E. (1985). Personal communication. Wiener, H. (1968). External chemical messengers: IV. Pineal gland, *New York State J. of Medicine*, April 1, 912-938.

Williamson, T. (1987). A sense of direction for dowzers?, *New Scientist*, 19 March, 1552, 40-43.

Wurtman, R. J. & Moskowitz, M. A. (1977). The pineal organ. Part 1, *New England J. of Medicine*, 296 (23), 1329-1333.

Wurtman, R. J. & Moskowitz, M. A. (1977). The pineal organ. Part 2, *New England J. of Medicine*, 296 (24), 1383-1386.

Zohar, D. (1982). *Through the Time Barrier*, Heinemann, London.

NEUERE VERÖFFENTLICHUNGEN:

Aaronson, B., and Osmond, H. (1970). *Psychedelics*. Doubleday & Co. Inc., New York.

Asaad, G. (1990). *Hallucinations in Clinical Psychiatry*. Brunner/Mazel, New York.

Barham, P. & Hayward, R. (1990). *Schizophrenia as a Life Process*. In Bentall, R. (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Bentall, R. (ed.) (1990). *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Bergson, H. (1914). Presidential address 1913. *Proc. S.P.R.*, 27, 157-175.

Birkeland, A.J. 1982 Plasma melatonin levels and nocturnal transitions between sleep and wakefulness. *Neuroendocrinology*, 34, 126-131.

Blumer D. (1997). Antidepressant and double antidepressant treatment for the affective disorder of epilepsy. *J. Clin. Psychiatry*, 58(1), 3-11.

Boyle, M. (1990). The Non-discovery of Schizophrenia? In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Brismar, K., Mogensen L. & Wetterberg, L. Depressed Melatonin Secretion in Patients with Nightmares due to B-Adrenoceptor Blocking Drugs, *Acta Med. Scand.* 1987, 221, 155 - 158.

Burke W.J., Dewan, V., Wengel, S.P., Roccaforte, W.H., Nadolny, G.C., Folks, D.G., (1997). The use of selective serotonin reuptake inhibitors for depression and psychosis complicating dementia. *J. Geriatr. Psychiatry*, 12(5), 519-525.

Callaway, J.C. (1994). **Pinoline** and Other Tryptamine Derivatives: Formations and functions. PhD Dissertation, Dept. Pharmacol. & Toxicol., Univ. Kuopio, Finland.

Claridge, G. (1990). Can a Disease Model of Schizophrenic Survive. In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Das, N.N. & Gastaut, H. (1957) (variations de l'activité électrique du cerveau, du coeur et des muscles squelettiques au cours de la méditation et de l'extase yogique. *Electroencephalography and Clinical Neurophysiology*, Supplement NO. 6, 211.)

DeGracia, D. (1995). LSD Hallucinations as a model for Altered States of Consciousness, SMN Consciousness Group Position Sheet No. 008, Sci. & Med. Net.

Dement, (1960). The Effect of Dream Deprivation, *Science*, 131, (3415), 1705-1707.

De Sarro, G., Chimirri, A., McKernan, R., Quirk, K., Giusti, P., De Sarro, A., (1997). Anticonvulsant activity of azirino[1,2-d][1,4]benzo-diazepines and related 1,4-benzodiazepines in mice. *Pharmacol. Biochem. Behav.*, 58(1), 281-289.

Devereux, G. (1961) Shamans as Neurotics, *Amer. Anthropologist*, 63 (5), 1088 - 1093.

Dobkin de Rios, M. (1986) Enigma of drug-induced altered states of consciousness among the Kung bushmen of the Kalahari desert. *J. of Ethnopharmacology*, 15, 297-304.

Don, N. S. et al (1989) Brain potential indicators of phenomenological states and performance in a psi task. in L.A. Henkel and R.E. Berger (eds.) *Research in Parapsychology 1988*, Metuchen, NJ, Scarecrow, 32 - 37.

Don, N.S. et al (1996) Psi, Brain Function and Ayahuasca (Telepathine). Paper presented at 39th Parapsychological Association Convention, San Diego, pp 315 - 334.

Don, N.S. & Moura, G. (1997) Topographic Brain Mapping of UFO experiencers, *JSE*, 11 (4), 435 - 453.

Ebadi, M. (1984). Regulation of the synthesis of melatonin and its significance to neuroendocrinology. In Reiter, R.J. (ed.), *the Pineal Gland*, Raven, N.Y., pp 1 - 37.

Ehrenwald, J. (1975). Cerebral localization and the psi syndrome. *J. Nerv. & Mental Diseases*, 161, 393-398.

Elliott, G.R. & Holman, R.B. (1977). Tryptolines as potential modulators of serotonergic function. In Usden, E., Hamburg, D. & Barchas, J. (eds.), *Neuroregulators and Psychiatric Disorders*, Oxford Univ. Press.

Engelborghs, S., De Deyn, P.P. (1997). The neurochemistry of Alzheimer's disease. *Neurol. Belg.*, 97(2), 67-84.

Fenwick, P.B. (1983). Some aspects of the physiology of the mystical experience. In J. Nicholson & B. Foss (eds.), *Psychological Survey*, 4, 202-223. London, British Psychological Soc.

Fischman, L.G. (1983). Dreams, hallucinogenic drug states and schizophrenia: A Psychological and Biological Comparison. *Schizophrenic Bull.*, 9 (1), 73 - 94.

Granek, M. Shalev A. & Weingarten, A. M. Khat-induced hypnagogic hallucinations, *Acta Psychiatr. Scand.*, 1988, 78, 458 - 461.

Harrison, G., et al. (1997). Increased incidence of psychotic disorders in migrants from the Caribbean to the United Kingdom. *Psychol. Med.*, 27(4), 799-806.

Healy, J. (1986). Hippocampal kindling, theta resonance and psi. *J.S.P.R.*, 53, 486-500.

Healy, D. (1987). Rhythm and blues. Neurochemical, neuropharmacological and neuropsychological implications of a circadian rhythm dysfunction in the affective disorders. *Psychopharmacology*, 93, 271-285.

Hobson, J.A. (1992). Sleep and dreaming: induction and mediation of REM sleep by cholinergic mechanisms, *current Opinion in Neurobiology*, 2, 759 - 763.

Hoeffler, A. & Osmund, H. (1967). *The Hallucinogens*. New York: Academic Press.
Itil (1977), Qualitative and Quantitative EEG findings on schizophrenia . *Schizophrenia Bull.*, 3, 61.

Jackson, H. (1990). Are there Biological Markers of Schizophrenia. In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Jacobs, B.L. & Trulson, M.E. (1979). Dreams, hallucinations, and psychosis - the serotonin connection. *Trends in Neurosciences*, 2 (2), 276-280. Elsevier/North-Holland Biomedical Press. Jouviet, (1969,72,74)

Kandel, Schwartz and Jessel.(1991). *Principles of Neural Science* (3rd ed.). Norwalk:Appleton and Lange.

Kay, R. W. (1994). Geomagnetic Storms: Association with Incidence of Depression as Measured by Hospital Admission, *Brit. J. Psychiatry* , 164, 403 - 409.

M.S. Keshaven, C.F. Reynolds & D.J. Kupfer, EEG Sleep in Schizophrenia: A Critical Review, *Comprehensive Psychiatry*, 1990, 30 (1), 34 - 47.

Kim, H., Sablin, S.O., Ramsay, R.R. (1997). Inhibition of monoamine oxidase A by beta-carboline derivatives. *Arch Biochem Biophys.*, 337(1), 137-142.

Klinker, J.F., Seifert, R., Damm, H., Rommelspacher, H. (1997). Activation by beta-carbolines of G-proteins in HL-60 membranes and the bovine retinal G-protein transducin in a receptor-independent manner. *Biochem. Pharmacol.*, 53(11), 1621-1626.

Lam, R.W. et al (1990). Melatonin suppression in bipolar and unipolar mood disorders. *Psychiatry REs.*, 33, 129 - 134.

Leibenluft, E. et al. (1995). Light therapy in patients with rapid-cycling bipolar disorder: preliminary results. *Psychopharmacol. Bull.*, 31, 705-710.

Lewy, A.J. et al (1979). Plasma melatonin in manic-depressive illness. In Usdin, E. et al (eds.), *Catecholamines: Basic and Clinical Frontiers*, Vol. 2, Pergamon, N.Y., pp. 1173-1175.

LinÅs, R.R. & ParÅ©, D. (1991). Of Dreaming and Wakefulness, *Neuroscience*, 44(3), 521-535.

LlinÅs, R.R. & Ribary, U. (1993) Coherent 40-Hz oscillation characterizes dream state in humans. *Proceedings of the National Academy of Science*, 90, 207-2081.

Marshall, R. (1990). The Genetics of Schizophrenic. In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.

Maurizi, C.P. (1984). A Mechanism of Mania and the Chemistry of Dreams: A Hypothesis. *Southern Medical Journal*, 77 (12), 1491 -93.

Maurizi, C.P. (1987). The Function of Dreams (REM sleep): Roles for the Hippocampus, Melatonin, Monamines, and Vasotocin, *Medical Hypotheses*, 23, 433 - 440.

Mazure, C.M., Quinlan, D.M., Bowers, M.B. Jr. (1997). Recent life stressors and biological markers in newly admitted psychotic patients. *Biol. Psychiatry*, 41(8), 865-870.

McDonough, B.E. et al (1989) EEG frequency domain analysis during a clairvoyant task in a single-subject design. In L.A. Henkel & R.E. Berger (eds.) *Research in Parapsychology 1988*,

Metuchen, NJ. Scarecrow, 38 -40.

- Mendelson, W.B. (ed.) *Human Sleep*, Plenum, NY, 1987.
- Mestel, R. (1994). Let Mind Talk Unto Body, *New Scientist*, 143 (1935), 26 - 31.
- Miles, A. & Philbrick, D.R.S. (1988). Melatonin and Psychiatry. *Biol. Psychiatry*, 23, 405-425.
- Nelson, G.K. (1970). Preliminary study of the electroencephalograms of mediums. *Parapsychologia*, 4, 30 -35.
- Neppe, V.M. (19). Anomalistic Experience and the Cerebral Cortex, 168 -183.
- Neppe, V.M. (1980). "Subjective paranormal experience and temporal lobe symptomatology," *Parapsych. J. South Africa*, 1, 2, 78 - 98.
- Neppe, V.M. & Tucker, G. (1988). Modern perspectives on epilepsy in relation to psychiatry:Classification and evaluation. *Hospital and Community Psychiatry*, 39, 263 - 271.
- Noll, R. (1983) Shamanism and Schizophrenia : A state-specific approach to the schizophrenia metaphor of shamanic states. *Amer. Ethnologist*, 10, 443 - 459.
- Pahkla, R., Rago, L., Callaway, J.J., Airaksinen, M.M. (1997). Binding of **pinoline** on the 5-hydroxytryptamine transporter:competitive interaction with [3H] citalopram. *Pharmacol Toxicol* ;80(3):122-126
- Pavel, S. et al 1979, Pineal vasoatocin:REM sleep dependent release into cerebrospinal fluid. *Waking Sleeping*, 3, 347-352
- Pavel, S. et al 1981. REM sleep induction in prepubertal boys by vasotocin:evidence for the involvement of serotonin containing neruons. *Peptides*, 2, 245-250.
- Penfield, W. (1958). Functional localization in temporal and deep sylvian areas. *Research Publications, Association for Research in Nervous and Mental Disorders*, 36, 210 -226.
- Persinger, M.A. (1985). Subjective telepathic experiences, geomagnetic activity and the ELF hypothesis:Part II:Stimulus features and neural detection. *Psi Research*, 4(1), 4 - 23.
- Persinger, M.A. (1988a). *The God consciousness in the brain*. New York, springer.
- Persinger, M.A. (1988b). Increased geomagnetic activity and the occurrence of bereavement hallucinations: Evidence for melatonin mediated microseizuring in the temporal lobe? *Neuroscience Letters*, 88, 271-274.
- Persinger, M.A. & Makarec, K. (1987). Temporal lobe epileptic signs and correlative behaviours displayeda by normal populations. *J. General Psychiatry*, 114, 179-195.
- Pilgrim, D. (1990). *Competing Histories of Madness*. In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.
- Reami, D.O., Silva, D. F., Albuquerque, M. & Campos, C.J. (1991). Dreams and Epilepsy. *Epilepsis*, 32 (1), 51-53.
- Rimon, R. et al. (1984). Pinoline, a Beta-Carboline Derivative in the Serum and Cerebrospinal fuid of Patients with Schizophrenia. *Annals of Clin. Res.*, 16, 171-175.
- Robertson, J.M. & Tanguay, P.E. (1997). Case study: the use of melatonin in a boy with refractory bipolar disorder. *J. Am. Acad. Child Adolesc. Psychiatry*, 36(6), 822-825.
- Roll, W.G. (1977). Poltergeists. In B.B.Wolman, (ed.), *Handbook of Parapsychology*, pp 382-413, Van Nostrand Rheinhold, NY.
- Roll, W. & Montagno, E. de A. (1985). "Neurophysical aspects of psi," in White, R.A. & Solfvin, J. (eds.), *Research in Parapsychology 1984*, Scarecrow Press, Metuchen, NJ, USA.

- Roney - Dougal, S.M. (1986). Some speculations on a possible psychic effect of harmaline. In Weiner, D.H. & Radin, D.I. (eds.), *Research in Parapsychology 1985*, Scarecrow Press, Metuchen, NJ, p.120 - 123.
- Roney - Dougal, S.M. (1988). The pineal gland's possible role as a psi-conductive neuromodulator. In *Proceedings of Int. Conf. on Paranormal Res.*, Colorado State Univ., Colorado, USA.
- Roney - Dougal, S.M. (1989). Recent Findings relating to the possible role of the Pineal Gland in affecting Psychic Abilities. *J. Soc. Psych. Res.*, 56, 313-328.
- Roney - Dougal, S.M. (1990). Geomagnetism and the Pineal Gland:Some Speculations. In Henkel, L.A. & Palmer, J. (eds.) *Research in Parapsychology 1989*, Scarecrow Press, Metuchen, NJ, USA.
- Roney - Dougal, S.M. (1991). *Where Science and Magic Meet*, Element Books, Britain.
- Roney - Dougal, S.M. (1993). Some Speculations on the Effect of Geomagnetism on the Pineal Gland, *J. Soc. Psych. Res.*, 59, 1 - 15.
- Roney-Dougal, S.M. (1999). A possible psychophysiology of the yogic chakra system, *J. Indian Psychology*, 17, 18 - 40.
- Sandyk, R. (1990a). *Funct. Neurol.* ,5(2), 165-70.
- Sandyk, R. (1990b). *Schiz. Bull.*, 1990, 16(4), 653-62)
- Sandyk, R. (1990c). *Int. J. Neurosci.*, 1990, 51 (1-2), 95 - 97.
- Sandyk, R. (1990d). *Int. J. Neurosci.*, 1991, 59 (4), 259 - 262.)
- Sandyk, R. (1991). *Int. J. Neurosci.* , 57 (3 - 4), 179-91.)
- Sandyk, R. (1992a). *Int. J. Neurosci.*, 1992, 67 (1-4), 9 - 17.
- Sandyk, R. (1992b). *Int. J. Neurosci.*, 67(1-4), 127 - 44.
- Sheer, D.E. (1984) Focused arousal, 40 Hz EEG, and dysfunction. In T. Elbert, B. Rockstroh, W. Lutzenberger (eds.) *Functional Brain Imaging*. Springer.
- Slade, P. D. (1990). *The Behavioural and Cognitive Treatment of Psychotic Symptoms*. In Bentall, R. (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.
- Tarrier, N. (1990). *The Family Management of Schizophrenic*. In R. Bentall (ed.) *Reconstructing Schizophrenia*, Routledge & Kegan Paul.
- Thalbourne, M. A. (1996). An attempt to predict precognition scores using transliminality-relevant variables. *J.S.P.R.*, 61,129-140.
- Ullman, M., Krippner, S. and Vaughan, A. (1973). *Dream Telepathy*, Macmillan, NY.
- Verheij, R., Timmerman, L., Passchier, J., Fekkes, D., Peplinkhuizen, L. (1997). Trait anxiety, coping with stress, and norharman. *Psychol Rep.*, 80(1), 51-59.
- Vollenweider, F.X., Leenders, K.L., Scharfetter, C., Maguire, P., Stadelmann, O., Angst, J. (1997). Positron emission tomography and fluorodeoxyglucose studies of metabolic hyperfrontality and psycho-pathology in the psilocybin model of psychosis. *Neuro-psychopharmacology*, 16(5), 357-372.
- Warner, R. (1985). *Recovery from Schizophrenia:Psychiatry and Political Economy*. Routledge & Kegan Paul.
- Watts, A. (1962). *The Joyous Cosmology*. Vintage Books, New York.

Wehr, T.A. et al, (1987). Sleep reduction as a final common pathway in the genesis of mania. *Am. J. Psychiatry*, 144,201 - 220.

Zhao, Z.Y. (1993). Kinetic changes of melatonin release in rat pineal perfusions at diff. circadian states. Effects of corticosteroids. *Acta Endocrono.*, 129,(1), 81-88.

Refereed journal articles

Roney-Dougal, S.M. (1984). „Occult“ conference questionnaire,“ *J. Soc. Psych. Res.*, 52, 379 - 382.

Roney-Dougal, S.M. (1986). „Subliminal and psi perception: A review of the literature,“ *J. Soc. Psych. Res.*, 53, 405 - 434.

Roney-Dougal, S.M. (1987). „A comparison of subliminal and psi perception: Exploratory and follow-up studies,“ *J. Amer.Soc.Psych.Res.*, 81, 141 - 182.

Roney-Dougal, S.M. (1989). „Recent findings relating to the possible role of the pineal gland in affecting psychic ability,“ *J. Soc. Psych. Res.*, 55, 313 - 328.

Roney-Dougal, S.M. (1999). „A possible psychophysiology of the yogic chakra system,“ *J. of Indian Psychology*, 17(2), 18 - 40.

Roney-Dougal, S.M. & Vögl, G. (1993). „Some speculations on the effect of geomagnetism on the pineal gland,“ *J.Soc.Psych.Res.*, 59, 1 - 15.

Roney-Dougal, S.M. & Solfvin, J. (2002). „Field study of enhancement effect on lettuce seeds - their germination rate, growth and health,“ *Journal of the Society of Psychological Research*, 66, 129-143.

Roney-Dougal, S.M. & Solfvin, J. (2003). „Field study of an enhancement effect on lettuce seeds - Replication study” *Journal of Parapsychology*, 67(2), 279-298.

Roney-Dougal, S.M. & Solfvin, J.(2006) „Field Study of an Enhancement Effect on Lettuce Seeds: Working in adverse conditions,“ *Subtle Energies and Energy Medicine*, 15 (3), 183-207.

Roney-Dougal, S.M.(2006) „Taboo and Belief in Tibetan Psychic Tradition,“ *Journal of the Society of Psychological Research*, 70 (4), 193-210.

Books and book chapters

Roney-Dougal, S.M. (1991). „Where Science and Magic Meet,“ Element Books, Shaftesbury, Dorset, Britain.

Roney-Dougal, S.M. (1992). „Psi Phenomena,“ Chapter in *The Seeker's Guide: A New Age Resource Book*, ed. Button, J. & Bloom, W., Aquarian/Thorson's, London, Britain, 46 - 47.

Roney-Dougal, S.M. (1993a). „Where Science & Magic Meet,“ (Revised Edition), Element Books, Shaftesbury, Britain.

Roney-Dougal, S.M. (1993b). „Wissenschaft und Magie,“ *Zweitausendeins*, Frankfurt, Germany. (German edition of *Where Science & Magic Meet*)

Roney-Dougal, S.M. (1995). „The science and psychology of dowsing,“ Chap. 7 in *The Dowsing Rod Kit*, ed. S. Lonegren, Virgin Books, London.

Roney-Dougal, S.M. (1996). „A woman in Glastonbury,“ Chap. 6 in *Earth Walking Sky Dancers: Women's Pilgrimages to Sacred Places*, ed. Leila Castle, Frog Ltd., Berkeley, California.

Roney-Dougal, S.M. (1997). „Stinta Si Magie.” *Elit Comentator*, Republica Moldova. (Romanian edition of *Where Science and Magic Meet*.)

Roney-Dougal, S.M. (2002). „Where Science & Magic Meet,“ *Repub. Vega Books*, London.

Roney-Dougal, S.M. (2003). *The Faery Faith*, Green Magic, Glastonbury, Britain.

Published Conference Proceedings (Full paper refereed)

Roney-Dougal, S.M. (1979). „A comparison of subliminal and extrasensory perception using the Ganzfeld technique,“ W.G. Roll (ed.), *Research in Parapsychology 1978*, Scarecrow Press, Metuchen, NJ, USA, 1979, pp. 98 - 100.

Roney-Dougal, S.M. (1982). „A comparison of psi and subliminal perception: confirmatory study,“ Roll, W.G., Morris, R.L., and White, R.A. (eds.), *Research in Parapsychology 1981*, Scarecrow Press, Metuchen, NJ, USA, pp. 96 - 99.

- Roney-Dougal, S.M. (1983). „Psi sci-fi: The shape of things to come?“ Shapin, B. & Coly, L. (eds.), Parapsychology's 2nd. Century, Proceedings of the Parapsychology Foundation's 31st. Int. Conference, London, Aug. 1982, Parapsychology Foundation Inc., NY, USA.
- Roney-Dougal, S.M. (1986). „Some speculations on a possible psychic effect of harmaline,“ Weiner, D.H. & Radin, D.I. (eds.), Research in Parapsychology 1985, Scarecrow Press, Metuchen, NJ, USA, pp. 120-123.
- Roney-Dougal, S.M. (1990). „Geomagnetism and the pineal gland: Some speculations,“ Henkel, L.A. & Palmer, J., (eds.), Research in Parapsychology 1989, Scarecrow Press, Metuchen, NJ, USA, pp. 57 - 61.
- Roney-Dougal, S.M. (1991). „An exploration of Blackmore's Tarot experiment in a classroom situation,“ Proceedings of the 34th Annual Convention of the Parapsychological Association, Heidelberg, Germany, pp.481-490.
- Roney-Dougal, S.M. & Solfvin, J. (2002). Field study of an enhancement effect on lettuce seeds: A replication study, Proceedings of the 45th Annual Convention of the Parapsychological Association, Paris, France, pp. 182-193.
- Roney-Dougal, S.M. & Solfvin, J.(2004). Field study of an enhancement effect on lettuce seeds: Working in adverse condition, Proceedings of the 47th Annual Convention of the Parapsychological Association, Vienna, Austria

Other publications

- Roney-Dougal, S.M. (1979). „Quest conference questionnaire,“ Quest, 38, 8 - 10.
- Roney-Dougal, S.M. (1980). „Psi research in the '80's,“ Quest, 42, 7 - 10.
- Roney-Dougal, S.M. (1981). „The interface between psi and subliminal perception,“ Parapsychology Review, 12, 4, 12 - 18.
- Roney-Dougal, S.M. (1982). „Telepathy: seeing the light,“ The Unexplained, 9, 102, 2030 - 2033.
- Roney-Dougal, S.M. (1984). „The 1984 „psi“ questionnaire,“ Quest, 59, 11-15.
- Roney-Dougal, S.M. (1989). „A psychophysiology of the yogic chakra system,“ Caduceus, 8, 8 - 12.
- Roney-Dougal, S.M. (1990a). „Psychophysiology of the yoga chakra system: Part 1,“ Yoga Magazine, 1 (2), 21-28.
- Roney-Dougal, S.M. (1990b). „Psychophysiology of the yoga chakra system: Part 2,“ Yoga Magazine, 1 (3), 31-37.
- Roney-Dougal, S.M. (1991a). Book review of „Personal Mythology“ by Feinstein, D. & Krippner, S., J. Soc. Psych. Res., 58, 48 - 56.
- Roney-Dougal, S.M. (1991b). „Earth, science, magic -The pineal connection,“ The Ley Hunter Journal of Geomancy and Earth Mysteries, 114, 17 - 20.
- Roney-Dougal, S.M. (1991c). „The fairy faith philosophy,“ The Unicorn, 6, 8 - 9.
- Roney-Dougal, S.M. (1991d). „UFOs, states of mind and the pineal connection: Part 1,“ UFO Times, 16, 6 - 11.
- Roney-Dougal, S.M. (1991e). „Third eye points on the Glastonbury zodiac figures,“ The Glastonbury Zodiac Companion, 2, 3 - 14.
- Roney-Dougal, S.M. (1992a). „Some thoughts inspired by the essay title: „How the establishment's acceptance of ESP and PK would influence contemporary science,“ Exceptional Human Experience, 10 (1), 16 - 22.
- Roney-Dougal, S.M. (1992b). „UFOs, states of mind and the pineal connection: Part II,“ UFO Times, 17, 13 - 15.
- Roney-Dougal, S.M. (1992c). „Synopsis of Where Science & Magic Meet: Part 1,“ RILKO Journal, 39, 22 - 26.
- Roney-Dougal, S.M. (1992d). „Where Science and Magic Meet: Part 2, The pineal gland - Our third eye,“ RILKO Journal, 40, 34 - 38.
- Roney-Dougal, S.M. (1992e). „The pineal gland -The third eye?“ Pagan News, 35, 8 - 10.
- Roney-Dougal, S.M. (1993a). Book Review of „Shamanism and the Mystery Lines: Ley Lines, Spirit Paths, Shape-Shifting and Out-of-Body Travel,“ by Paul Devereux, P., J.Soc.Psych.Res. 59, 218 - 222.
- Roney-Dougal, S.M. (1993b). „Synopsis of Where Science and Magic Meet,“ The Equinox, 7, (7), 314 -319.
- Roney-Dougal, S.M. (1996). „UFOs: The Pineal Connection,“ The New Ufologist, 4, 5 - 13.
- Roney-Dougal, S.M. (1998a). „The Glastonbury zodiac,“ Gatekeeper News, 15,15.
- Roney-Dougal, S.M. (1998b). „Some thoughts on the developing spirituality of the Aquarian age,“ Pagan Dawn, Samhain, 20 - 23.
- Roney-Dougal, S.M. (1999). „The Celtic lunar calendar,“ Talking Stick Journal, 2 (2), 33 - 40.
- Roney-Dougal, S.M. (2000a). „A possible psychophysiology of the yogic chakra system: Part 1” Yoga Magazine, 11 (3), 35 - 46.
- Roney-Dougal, S.M. (2000b). „A possible psychophysiology of the yogic chakra system: Part 2” Yoga Magazine, 11 (4), 39 - 47.

Roney-Dougal, S.M. (2000c). "A possible psychophysiology of the yogic chakra system: Part 3" *Yoga Magazine*, 11 (5), 40-48.

Roney-Dougal, S.M. (2006) „Avalon Interview,“ *Avalon Magazine*, 33, 26 - 29

A Short Selection of Other Presented Papers

Roney-Dougal, S.M. (1979). An investigation comparing subliminal and extrasensory perception using the Ganzfeld technique, Paper presented at the 3rd. Society for Psychical Research International Conference, Edinburgh, April.

Roney-Dougal, S.M. (1981a). A comparison of psi and subliminal perception: Stage 2, Paper presented at the 5th. Society for Psychical Research International Conference, Bristol, April.

Roney-Dougal, S.M. (1981b). A comparison of psi and subliminal perception: Cognitive aspects, Paper presented at the 5th. Int. Parascience Conf., Birkbeck College, London, Sept.

Roney-Dougal, S.M. (1983a). „Occult“ conference questionnaire, Paper presented at the 7th. Society for Psychical Research International Conference, London, Sept.

Roney-Dougal, S.M. (1983b). Witchcraft: A Parapsychological Perspective, Paper presented at 1st. Int. Conf. on Science and Spirituality, Lisbon, Portugal, Nov. 1983.

Roney-Dougal, S.M. (1984). Some speculations on a possible „psi organ“ in the brain, Paper presented at the 8th. Society for Psychical Research International Conference, St. Edmunds Hall, Oxford, Sept.

Roney-Dougal, S.M. (1985a). Relevance of the Implicate/Explicate view of physics to psi research, Paper presented at the Parascience Conf., St. Edmunds Hall, Oxford, Aug.

Roney-Dougal, S.M. (1985b). A series of questionnaires concerning students and practitioners of the occult, Paper presented at the 9th. Society for Psychical Research International Conference, London, Sept.

Roney-Dougal, S.M. (1986). A comparison of psi and subliminal perception with naive subjects, Paper presented at the 10th. Society for Psychical Research International Conference, Cambridge, Sept.

Roney-Dougal, S.M. (1989). Geomagnetism and the pineal gland: Some speculations, Paper presented at the 13th. Society for Psychical Research International Conference, Bournemouth, Sept.

Roney-Dougal, S.M. (1991). Spontaneous and experimental precognition data from an exceptional seer in informal circumstances, Paper presented at the 15th Society for Psychical Research International Conference, Nottingham, Sept.

Roney-Dougal, S.M. (1998). Walking between the worlds: Links between psi, psychedelics, shamanism and psychosis, Paper presented at the 22nd Society for Psychical Research International Conference, York, Sept.

Roney-Dougal, S.M. & Solfvin, J. (2000). Field study of an enhancement effect on lettuce seeds: Their germination rate, growth and resistance to disease, Paper presented at the 24th Society for Psychical Research International Conference, University College Northampton, Sept.

Roney-Dougal, S.M. (2001a). Walking between the worlds: Links between psi, psychedelics, shamanism and psychosis, Panel discussion paper presented at the 2nd Psychosis and Spirituality Conference, King Alfred's College, Winchester, Sept.

Roney-Dougal, S.M. & Solfvin, J. (2001b). Field study of an enhancement effect on lettuce seeds: Their germination rate, growth and resistance to disease, Paper presented at the 25th Society for Psychical Research International Conference, Cambridge, Sept.

Roney-Dougal, S.M. (2002). Psi experiments in a yoga ashram, Paper presented at the 26th Society for Psychical Research International Conference, Manchester, Sept.

Roney-Dougal, S.M. (2003). Free-response ESP experiments in a yoga ashram – Preliminary Studies Part 2, Paper presented at the 27th Society for Psychical Research Conference, Manchester, Sept

- AARHOLT, E., JABERANSARI, M., JAFARY-ASL, A. H., MARSH, P. N. & SMITH, C. W. (1988) NMR conditions and biological systems. IN MARINO, A. (Ed.) *Modern Bioelectricity*. New York, Marcel Dekker.
- ADEY, W. R. (1975) Introduction: Effects of electromagnetic radiation on the nervous system. *Annals of the New York Academy of Sciences*, vol. 247, 15-20.
- AGADZHANIAN, N. A. & VLASOVA, I. G. (1992) Effect of an infralow frequency magnetic field on nerve cell rhythm and their resistance to hypoxia. *Biofizika*, 37, 681-689.
- AGAFONOVA, N. K., KRASSOVA, N. E. & FESENKO, E. E. (1998) Rapid changes in phosphoinositides metabolism of the antenna of insects exposed to low intensity millimeter microwaves (article in Russian). *Biofizika*, 43, 353-357.
- AHLBOM, A., CARDIS, E., GREEN, A., LINET, M., SAVITZ, D. & SWERDLOW, A. (2001) Review of the epidemiologic literature on EMF and health. *Environmental Health Perspectives*, 109, 911- 933.
- AKERSTEDT, T., ARNETZ, B., FICCA, G., PAULSSON, L. E. & KALLNER, A. (1999) A 50-Hz electromagnetic field impairs sleep. *Journal of Sleep Research*, 8, 77-81.
- ALEXANDER, J. B. (1980) The new mental battlefield: „Beam me up, Spock“. *Military Review*, LX, 47- 54.
- ALTPETER, E. S., ROOSLI, M., BATTAGLIA, M., PFLUGER, D., MINDER, C. E. & ABELIN, T. (2006) Effect of short-wave (6-22 MHz) magnetic fields on sleep quality and melatonin cycle in humans: The Schwarzenburg shut-down study. *Bioelectromagnetics*, 27, 142-150.
- ANNINOS, P., KOTINI, A., ADAMOPOULOS, A. & TSAGAS, N. (2003a) Magnetic stimulation can modulate seizures in epileptic patients. *Brain Topogr*, 16, 57-64.
- ANNINOS, P., KOTINI, A., TAMIOLAKIS, D. & TSAGAS, N. (2006) Transcranial magnetic stimulation. A case report and review of the literature. *Acta Neurol Belg*, 106, 26-30.
- ANNINOS, P., PAPADOPOULOS, I., KOTINI, A. & ADAMOPOULOS, A. (2003b) Differential diagnosis of prostate lesions with the use of biomagnetic measurements and non-linear analysis. *Urological Research*, 31, 32-36.
- ANNINOS, P. A., TSAGAS, N., SANDYK, R. & DERPAPAS, K. (1991) Magnetic stimulation in the treatment of partial seizures. *International Journal of Neuroscience*, 60, 141-171.
- ASHKALIEV, Y. F., DROBZHEV, V. I., SOMSIKOV, V. M., TURKEEVA, B. A. & YAKOVETS, T. K. (1995) Effect of heliogeophysical factors on ecological conditions. *Biofizika*, 40, 1031-1037.
- BAN'KOV, V. I. (1972) Induction of experimental sleep in cats by the action of low-frequency modulated electromagnetic fields. *Biull Eksp Biol Med*, 73, 14-6.
- BAWIN, S. M., GAVALAS-MEDICI, R. J. & ADEY, W. R. (1973) Effects of modulated very high frequency fields on specific brain rhythms in cats. *Brain Res*, 58, 365-84.
- BELISHEVA, N. K., POPOV, A. N., PETUKHOVA, N. V., PAVLOVA, L. P., OSIPOV, K. S., TKACHENKO, S. E. & VARANOVA, T. I. (1995) Qualitative and quantitative assessment of exposure to geomagnetic field variations on the functional status of the human brain. *Biofizika*, 40, 1005-1012.
- BELL, V., MAIDEN, C., MUNOZ-SOLOMANDO, A. & REDDY, V. (2006) „Mind control“ experiences on the internet: implications for the psychiatric diagnosis of delusions. *Psychopathology*, 39, 87- 91.

BELOV, A. A., KONYUKHOV, V. K., LOGVINENKO, V. P. & TIKHONOV, V. I. (1996) Determination of permittivity of spin-modified water. *Bull. Lebedev Phys. Inst., Allerton Press, New York*, 38-42.

BELYAEV, I. (2005) Nonthermal biological effects of microwaves: Current knowledge, further perspective, and urgent needs. *Electromagnetic Biology and Medicine*, 24, 375-403.

BELYAEV, I. Y., SHCHEGLOV, V. S., ALIPOV, Y. D. & POLUNIN, V. A. (1996) Resonance effect of millimeter waves in the power range from 10^{-19} to 3×10^{-3} W/cm² on *Escherichia coli* cells at different concentrations. *Bioelectromagnetics*, 17, 312-321.

BERSANI, F. (Ed.) (1999) *Electricity and Magnetism in Biology and Medicine*, London, Kluwer/Plenum.

V. N. (2002) *Magnetobiology: Underlying Physical Problems*, San Diego, Academic Press. V. N. (2006) Stochastic dynamics of magnetosomes and a mechanism of biological orientation in the geomagnetic field. *Bioelectromagnetics*, 27, 58-63. V. N. (2007) A few remarks on 'Combined action of DC and AC magnetic fields on ion motion in a macromolecule'. *Bioelectromagnetics*, 28, 409-412.

V. N. & CHERNAVSKII, D. S. (2005) Stochastic dynamics of magnetosomes in cytoskeleton. *Europhysics Letters*, 70, 850-856.

V. N. & RUBIN, A. B. (2007) Magnetobiology: The kT paradox and possible solutions. *Electromagn Biol Med*, 26, 45-62.

V. N. & SAVIN, A. V. (2002) Molecular gyroscopes and biological effects of weak extremely low-frequency magnetic fields. *Physical Review E*, 65, 051912. V. N. & SAVIN, A. V. (2003) Effects of weak magnetic fields on biological systems: Physical aspects. *Physics-Uspekhi*, 46, 259-291.

BISE, W. (1978) Low power radio-frequency and microwave effects on human electroencephalogram and behavior. *Physiol Chem Phys*, 10, 387-98.

BLACKMAN, C. F. (2006) Can EMF exposure during development leave an imprint later in life? *Electromagn Biol Med*, 25, 217-25.

BLACKMAN, C. F., BENANE, S. G. & HOUSE, D. E. (2001) The influence of 1.2 microT, 60 Hz magnetic fields on melatonin- and tamoxifen-induced inhibition of MCF-7 cell growth. *Bioelectromagnetics*, 22, 122-128.

BLANK, M. & SOO, L. (1996) The threshold for Na,K-ATPase stimulation by electromagnetic fields. *Bioelectrochemistry and Bioenergetics*, 40, 63-65.

BLUCK, J. (2004) NASA develops system to computerize silent, 'subvocal' speech. http://www.nasa.gov/centers/ames/news/releases/2004/04_18AR.html.

BOOTH, J. N., KOREN, S. A. & PERSINGER, M. A. (2005) Increased feelings of the sensed presence and increased geomagnetic activity at the time of the experience during exposures to transcerebral weak complex magnetic fields. *International Journal of Neuroscience*, 115, 1053-1079.

BORBELY, A. A., HUBER, R., GRAF, T., FUCHS, B., GALLMANN, E. & ACHERMANN, P. (1999) Pulsed high-frequency electromagnetic field affects human sleep and sleep electroencephalogram. *Neuroscience Letters*, 275, 207-210.

CHIBRIKIN, V. M., SAMOVICHEV, E. G., KASHINSKAIA, I. V. & UDAL'TSOVA, N. V. (1995) Dynamics of social processes and geomagnetic activity. 1. Periodic components of variations in the number of recorded crimes in Moscow. *Biofizika*, 40, 1050-1053.

- CLARKE, B. M., UPTON, A. R., KAMATH, M. V., AL-HARBI, T. & CASTELLANOS, C. M. (2006) Transcranial magnetic stimulation for migraine: clinical effects. *J Headache Pain*, 7, 341-6. COMISSO, N., DEL GIUDICE, E., DE NINNO, A., FLEISCHMANN, M., GIULIANI, L., MENGOLI, G., MERLO, F. & TALPO, G. (2006) Dynamics of the ion cyclotron resonance effect on amino acids adsorbed at the interfaces. *Bioelectromagnetics*, 27, 16-25. COOK, C. M., THOMAS, A. W. & PRATO, F. S. (2002) Human Electrophysiological and Cognitive Effects of Exposure to ELF Magnetic and ELF Modulated RF and Microwave Fields: A Review of Recent Studies. *Bioelectromagnetics*, 23, 144-157. COOK, L. L. & PERSINGER, M. A. (2000) Suppression of experimental allergic encephalomyelitis is specific to the frequency and intensity of nocturnally applied, intermittent magnetic fields in rats. *Neuroscience Letters*, 292, 171-174. COUGHLIN, K. (2007) A quiet death for bold project to map the mind. *The Star Ledger*, March 15. COWEY, A. (2005) The Ferrier Lecture 2004: What can transcranial magnetic stimulation tell us about how the brain works? *Philosophical Transactions of the Royal Society of London Series Biological Sciences*, 360, 1185-1205. DEES, C., GARRETT, S., HENLEY, D. & TRAVIS, C. (1996) Effects of 60-Hz fields, estradiol and xenoestrogens on human breast cancer cells. *Radiation Research*, 146, 444-452. DELGADO, J. M. (1952) Permanent implantation of multilead electrodes in the brain. *Yale J Biol Med*, 24, 351-358. DELGADO, J. M. R., LEAL, J., MONTEAGUDO, J. L. & GARCIA GRACIA, M. (1982) Embryological changes induced by weak, extremely low frequency electromagnetic fields. *Journal of Anatomy*, 134, 533-551. DEVYATKOV, N. D. (1973) Effect of a SHF (mm-band) radiation on biological objects. *Uspekhi Fizicheskikh Nauk*, 110, 453-454. DOBSON, J. (2002) Investigation of age-related variations in biogenic magnetite levels in the human hippocampus. *Experimental Brain Research*, 144, 122-126. DOLGACHEVA, L. P., SEMENOVA, T. P., ABZHALELOV, B. B. & AKOEV, I. G. (2000) The effect of electromagnetic radiation on monoamine oxidase A activity in the rat brain (article in Russian). *Radiation Biology. Radioecology (Radiatsionnaya Biologiya. Radioekologiya)*, 40, 429-432. DORNFELDT, K. (1996) Pigeon homing in the meteorological and solar-geomagnetic environment: What pigeon race data say. *Ethology*, 102, 413-435. DUBROV, A. P. (1978) *The Geomagnetic Field and Life*, New York, Plenum. ELDER, J. A. & CHOU, C. K. (2003) Auditory Response to Pulsed Radiofrequency Energy. *Bioelectromagnetics*, 24. FALMER, M. (1995) Heating up the airwaves - The US HAARP research programme and its potential for military applications. *Jane's Defence Weekly*, 23, 21-22. FESENKO, E. E., NOVIKOV, V. V. & SHVETSOV, I. P. (1997) Molecular mechanisms of biological action of low magnetic fields. III. Regulation of intermolecular interaction in water phase of DNA, DNase 1 and a DNase 1 inhibitor under combined action of low constant and alternating magnetic fields adjusted to cyclotron resonance of polar amino acid ions. *Biofizika*, 42, 742-5. FINS, J. J. (2007) Mind wars: Brain research and national defense. *J. Am. Med. Assoc.*, 297, 1382-1383.

- FORMAN, P. (1987) Behind quantum electronics: National security as basis for physical research in the United States, 1940-1960. *Historical Studies in the Physical and Biological Sciences*, 18, 149-
229. FREGNI, F., SCHACHTER, S. C. & PASCUAL-LEONE, A. (2005) Transcranial magnetic stimulation treatment for epilepsy: can it also improve depression and vice versa? *Epilepsy Behav*, 7, 182-9.
- FREY, A. H. (1961) Auditory system response to radio frequency energy. Technical note. *Aeromed Acta*, 32, 1140-2.
- FROHLICH, H. (1968) Long-range coherence and energy storage in biological systems. *Int. J. Quantum Chem.*, 2, 641-649.
- GAPEYEV, A. B., SAFRONOVA, V. G., CHEMERIS, N. K. & FESENKO, Y. Y. (1996) The modification of mouse peritoneal neutrophil activity at effect of millimeter waves in near field and far field zones of radiator. *Biofizika*, 41, 205-219. GAUN (1948) General Assembly of the United Nations. Declaration of Human Rights. Art. 18-19. www.un.org/Overview/rights.html.
- GINZBURG, V. L. (1999) On „What is happening to us?“ by E.P. Kruglyakov *Physics - Uspekhi*, 42, 295-296. GIRI, D. V. (2004) *High-Power Electromagnetic Radiators: Nonlethal Weapons and Other Applications*, Cambridge, MA, Harvard University Press. GODIK, E. E. & GULYAEV, Y. V. (1991) *Functional Imaging of the Human Body*. IEEE Engineering Medicine and Biology, 10, 21-29. GORDON, C. & BERK, M. (2003) The effect of geomagnetic storms on suicide. *South African Psychiatry Review*, 6, 24-27. GORDON, W. E. (1997) HAARP facility in Alaska. *Science*, 275, 1861. GRIGORIEV, O. A., GRIGORIEV, Y. G., STEPANOV, V. S. & CHEKMAREV, O. M. (2006) Bioelectromagnetic terrorism: Analysis of possible threat (Article in Russian). IN GRIGORIEV, O. A. (Ed.) *Annual of the Russian National Committee on Non-Ionizing Radiation Protection*. Moscow, ALLANA.
- GRUNDLER, W. & KAISER, F. (1992) Experimental evidence for coherent excitations correlated with cell growth. *Nanobiology*, 1, 163-176.
- GULYAEV, Y. V. & GODIK, E. E. (1983) The Physical Fields of Biological Objects (Article in Russian). *Vestnik AN USSR* 8.
- GULYAEV, Y. V., GODIK, E. E., PETROV, A. V. & TARATORIN, A. M. (1984) Possibilities of the remote functional diagnosis of biological objects by their infrared radiation (Article in Russian). *Dokl Akad Nauk SSSR*, 277, 1486-1491.
- GUSTERSON, H. (2007) The militarization of neuroscience. www.thebulletin.org/columns/hugh-gusterson/20070410.html
- GUY, A. W., CHOU, C. K., LIN, J. C. & CHRISTENSEN, D. (1975) Microwave-induced acoustic effects in mammalian auditory systems and physical materials. *Ann N Y Acad Sci*, 247, 194-218.
- HALGREN, E., DHOND, R. P., CHRISTENSEN, N., VAN PETTEN, C., MARINKOVIC, K., LEWINE, J. D. & DALE, A. M. (2002) N400-like magnetoencephalography responses modulated by semantic context, word frequency, and lexical class in sentences. *NeuroImage*, 17, 1101-1116.
- HAMALAINEN, M., HARI, R., ILMONIEMI, R. J., KNUUTILA, J. & LOUNASMAA, O. V. (1993) Magnetoencephalography - theory, instrumentation, and applications to noninvasive studies of the working human brain. *Reviews of Modern Physics*, 65, 413-497.

- HARLAND, J., ENGSTROM, S. & LIBURDY, R. (1999) Evidence for a slow time-scale of interaction for magnetic fields inhibiting tamoxifen's antiproliferative action in human breast cancer cells. *Cell Biochemistry and Biophysics*, 31, 295-306.
- HARLAND, J. D. & LIBURDY, R. P. (1997) Environmental Magnetic Fields Inhibit the Antiproliferative Action of Tamoxifen and Melatonin in a Human Breast Cancer Cell Line. *Bioelectromagnetics*, 18, 555-562.
- HAVAS, M. (2006) Electromagnetic hypersensitivity: biological effects of dirty electricity with emphasis on diabetes and multiple sclerosis. *Electromagn Biol Med*, 25, 259-68.
- HECHT, J. (2006) Top 10: Weapons of the future. *NewScientistTech. Special Reports, Weapons Technology*, 4 September.
- HESS, C. W., MILLS, K. R. & MURRAY, N. M. (1986) Magnetic stimulation of the human brain: facilitation of motor responses by voluntary contraction of ipsilateral and contralateral muscles with additional observations on an amputee. *Neurosci Lett*, 71, 235-40.
- HILLERT, L., HEDMAN, B. K., SODERMAN, E. & ARNETZ, B. B. (1999) Hypersensitivity to electricity: working definition and additional characterization of the syndrome. *J Psychosom Res*, 47, 429-38.
- HISAMITSU, T., SETO, A., NAKAZATO, S., YAMAMOTO, T. & AUNG, S. K. H. (1996) Emission of extremely strong magnetic fields from the head and whole body during oriental breathing exercises. *Acupuncture and Electro-Therapeutics Research*, 21, 219-227.
- HOAG, H. (2003) Remote control. *Nature*, 423, 796-798. HOFMANN, U. G., FOLKERS, A., MOSCH, F., MALINA, T., MENNE, K. M., BIELLA, G.,
- FAGERSTEDT, P., DE SCHUTTER, E., JENSEN, W., YOSHIDA, K., HOEHL, D., THOMAS, U., KINDLUNDH, M. G., NORLIN, P. & DE CURTIS, M. (2006) A novel high channel-count system for acute multisite neuronal recordings. *IEEE Trans Biomed Eng*, 53, 1672-7.
- HUANG, J., FRANCIS, A. P. & CARR, T. H. (2007) Studying overt word reading and speech production with event-related fMRI: A method for detecting, assessing, and correcting articulation-induced signal changes and for measuring onset time and duration of articulation. *Brain Lang*.
- HUBER, R., SCHUDERER, J., GRAF, T., JUTZ, K., BORBELY, A. A., KUSTER, N. & ACHERMANN, P. (2003) Radio Frequency Electromagnetic Field Exposure in Humans: Estimation of SAR Distribution in the Brain, Effects on Sleep and Heart Rate. *Bioelectromagnetics*, 24, 262-276.
- ICNIRP (1998) Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz). International Commission on Non-Ionizing Radiation Protection. *Health Phys*, 74, 494-522.
- IKEHATA, M., KOANA, T., SUZUKI, Y., SHIMIZU, H. & NAKAGAWA, M. (1999) Mutagenicity and co-mutagenicity of static magnetic fields detected by bacterial mutation assay. *Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis*, 427, 147-156.
- ISHIDO, M., NITTA, H. & KABUTO, M. (2001) Magnetic fields (MF) of 50 Hz at 1.2 microT as well as 100 microT cause uncoupling of inhibitory pathways of adenylyl cyclase mediated by melatonin 1a receptor in MF-sensitive MCF-7 cells. *Carcinogenesis*, 22, 1043-1048.
- JACOBSON, J. I. (1994) Pineal-hypothalamic tract mediation of picotesla magnetic fields in the treatment of neurological disorders. *Panminerva medica*, 36, 201-205.

JOHNSEN, S. & LOHMANN, K. J. (2005) The physics and neurobiology of magnetoreception. *Nature Reviews Neuroscience*, 6, 703-712.

JUSTESEN, D. R. (1975) Microwaves and behavior. *American Psychologist*, 30, 391-401.

JUUTILAINEN, J., LAARA, E. & SAALI, K. (1987) Relationship between field strength and abnormal development in chick embryos exposed to 50 Hz magnetic fields. *International Journal of Radiation Biology*, 52, 787-793.

KAMITANI, Y. & TONG, F. (2006) Decoding seen and attended motion directions from activity in the human visual cortex. *Curr Biol*, 16, 1096-102.

KANDYBA, D. V. (1995) Mental hypnosis technique, Rostov-na-Donu, Feniks.

KATO, M., HONMA, K., SHIGEMITSU, T. & SHIGA, Y. (1994) Recovery of nocturnal melatonin concentration takes place within one week following cessation of 50 Hz circularly polarized magnetic field exposure for six weeks. *Bioelectromagnetics*, 15, 489-492.

KAY, R. W. (2004) Schizophrenia and season of birth: Relationship to geomagnetic storms. *Schizophrenia Research*, 66, 7-20. KAZHINSKII, B. B. (1963) Biological Radio Communication, Kiev, Academy of Sciences, Ukrainian SSR. (Book in Russian).

KEETON, W. T., LARKIN, T. S. & WINDSOR, D. M. (1974) Normal fluctuations in the earth's magnetic field influence pigeon orientation. *J.COMP.PHYSIOL.SER.A*, 95, 95-103.

KIRSCHVINK, J. L. & GOULD, J. L. (1981) Biogenic magnetite as a basis for magnetic field detection in animals. *BioSystems*, 13, 181-201. KIRSCHVINK, J. L., KOBAYASHI-

KIRSCHVINK, A. & WOODFORD, B. J. (1992) Magnetite biomineralization in the human brain. *Proceedings of the National Academy of Sciences of the United States of America*, 89, 7683-7687. KIRSCHVINK, J. L., WALKER, M. M. & DIEBEL, C. E. (2001) Magnetite-based magnetoreception. *Current Opinion in Neurobiology*, 11, 462-467. KISS, T. (2005) Non-lethal weapons (Internet resources, books, documents, periodicals). <http://www.au.af.mil/au/aul/bibs/soft/nonlethal.htm>

KNOSCHE, T. R., MAESS, B., NAKAMURA, A. & FRIEDERICI, A. D. (2005) Human communication investigated with magnetoencephalography: Speech, music, and gestures. *International Review of Neurobiology*, 68, 79-120.

KOBAYASHI, M. & PASCUAL-LEONE, A. (2003) Transcranial magnetic stimulation in neurology. *Lancet Neurology*, 2, 145-156.

KOLDAEV, V. M. (1987) Pharmacological correction of the acute effects of microwave irradiation in an experiment (Article in Russian). *Nauchnye Dokl Vyss Shkoly Biol Nauki*, No.1, 20-26.

KRUMBHOLZ, K., PATTERSON, R. D., SEITHER-PREISLER, A., LAMMERTMANN, C. & LUTKENHONER, B. (2003) Neuromagnetic evidence for a pitch processing center in Heschl's gyrus. *Cereb Cortex*, 13, 765-72.

KUBOTA, M., FERRARI, P. & ROBERTS, T. P. L. (2003) Magnetoencephalography detection of early syntactic processing in humans: Comparison between L1 speakers and L2 learners of English. *Neuroscience Letters*, 353, 107-110.

KUZNETSOV, A. P., GOLANT, M. B. & BOZHANOVA, T. P. (1997) Exposure of a cell culture to an RF field with intensity below that of background noise. *Millimeter Waves in Biology and Medicine*. Moscow, Inst. of Radio-engineering and Electronics.

LAI, H. (1992) Research on the neurological effects of nonionizing radiation at the University of Washington. *Bioelectromagnetics*, 13, 513-526.

LAI, H. (1994) Neurological Effects of Radiofrequency Electromagnetic Radiation. IN LIN, J. C. (Ed.) *Advances in Electromagnetic Fields in Living Systems*. NY, Plenum.

LEITGEB, N. & SCHROTTNER, J. (2003) Electrosensibility and Electromagnetic Hypersensitivity. *Bioelectromagnetics*, 24, 387-394.

LIBOFF, A. R., WILLIAMS JR, T., STRONG, D. M. & WISTAR JR, R. (1984) Time-varying magnetic fields: Effect on DNA synthesis. *Science*, 223, 818-820.

LIBURDY, R. P., SLOMA, T. R., SOKOLIC, R. & YASWEN, P. (1993) ELF magnetic fields, breast cancer, and melatonin: 60 Hz fields block melatonin's oncostatic action on ER+ breast cancer cell proliferation. *Journal of Pineal Research*, 14, 89-97.

LIEBIG, M. & OTHERS (1988) *Electromagnetic-Effect Weapons: The Technology and the Strategic Implications*. EIR Special Report, Washington, DC, Executive Intelligence Review.

LIN, J. C. (1978) *Microwave Auditory Effects and Applications*, Springfield, IL, Charles C. Thomas.

LIN, J. C. (1990) Auditory perception of pulsed microwave radiation. IN GANDHI, O. P. (Ed.) *Biological effects and medical applications of electromagnetic fields*. NY, Prentice-Hall.

LIN, J. C. (2004a) *Studies on Microwaves in Medicine and Biology: From Snails to Humans*. *Bioelectromagnetics*, 25, 146-159.

LIN, J. C. (2004b) *Studies on microwaves in medicine and biology: from snails to humans*. *Bioelectromagnetics*, 25, 146-59.

LUPICHEV, L. N. (Ed.) (1989) *Research on Dynamic Properties of Distributed Media*, Moscow, State Inst. Phys. Tech. Problems.

LUTKENHONER, B. (2003) Magnetoencephalography and its Achilles' heel. *Journal of Physiology Paris*, 97, 641-658.

LUTKENHONER, B., SEITHER-PREISLER, A. & SEITHER, S. (2006) Piano tones evoke stronger magnetic fields than pure tones or noise, both in musicians and non-musicians. *Neuroimage*, 30, 927-37.

MAGRAS, I. N. & XENOS, T. D. (1997) RF Radiation-Induced Changes in the Prenatal Development of Mice. *Bioelectromagnetics*, 18, 455-461.

MAIRE, L. F. & LAMOTHE, J. D. (1975) *Soviet and Czechoslovakian Parapsychological Research*. Washington, Defense Intelligence Agency, DST-18105-387-75.

MANN, K. & ROSCHKE, J. (2004) Sleep under exposure to high-frequency electromagnetic fields. *Sleep Medicine Reviews*, 8, 95-107.

MARKOVA, E., HILLERT, L., MALMGREN, L., PERSSON, B. R. & BELYAEV, I. Y. (2005) Microwaves from GSM mobile telephones affect 53BP1 and gamma-H2AX foci in human lymphocytes from hypersensitive and healthy persons. *Environ Health Perspect*, 113, 1172-7.

MARKS, J. (1979) *The Search for the „Manchurian Candidate“*, NY, W.W. Norton and Company.

MCCANN, J., DIETRICH, F. & RAFFERTY, C. (1998) The genotoxic potential of electric and magnetic fields: An update. *Mutation Research - Reviews in Mutation Research*, 411, 45-86.

- MCKAY, B. E. & PERSINGER, M. A. (2006) Weak, physiologically patterned magnetic fields do not affect maze performance in normal rats, but disrupt seized rats normalized with ketamine: Possible support for a neuromatrix concept? *Epilepsy and Behavior*, 8, 137-144.
- MCMURTREY, J. J. (2005) Recording Microwave Hearing Effects: Literature Review and Case Report of an Affiant to Recording Remote Harassment. <http://www.slavery.org.uk/science.htm>
- MCREE, D. I., ELDER, J. A., GAGE, M. I., REITER, L. W., ROSENSTEIN, L. S., SHORE, M. L., GALLOWAY, W. D., ADEY, W. R. & GUY, A. W. (1979) Effects of nonionizing radiation on the central nervous system, behavior, and blood: a progress report. *Environ Health Perspect*, 30, 123-31.
- MIKHAYLOVA, A., DAVIDSON, M., TOASTMANN, H., CHANNELL, J. E. T., GUYODO, Y., BATICH, C. & DOBSON, J. (2005) Detection, identification and mapping of iron anomalies in brain tissue using X-ray absorption spectroscopy. *Journal of the Royal Society, Interface / the Royal Society*, 2, 33-37.
- MIYAKOSHI, J. (2006) The review of cellular effects of a static magnetic field. *Science and Technology of Advanced Materials*, 7, 305-307.
- MKULTRA (2007) Declassified MKULTRA documents. <http://www.intellnet.org/mkultra/> ; <http://www.nemasys.com/rahome/library/programming/mkultra.shtml> ; <http://www.michael-robinett.com/declass/c000.htm>.
- MORENO, J. D. (2006) *Mind Wars*, NY, Dana Press.
- NAM, Y., WHEELER, B. C. & HEUSCHKEL, M. O. (2006) Neural recording and stimulation of dissociated hippocampal cultures using microfabricated three-dimensional tip electrode array. *J Neurosci Methods*, 155, 296-9.
- NAT.EDITORIAL (2003) Silence of the neuroengineers. *Nature*, 423, 787. NOVIKOV, V. V. (1996) Cooperative effect of resonance enhancement of ion current in water solutions of amino acids under weak electromagnetic exposures. *Biofizika*, 41, 973-978.
- NOVOSELOVA, E. G., OGAY, V. B., SOROKINA, O. V., GLUSHKOVA, O. V., SINOTOVA, O. A. & FESENKO, E. E. (2004) The production of tumor necrosis factor in cells of tumor-bearing mice after total-body microwave irradiation and antioxidant diet. *Electromagnetic Biology and Medicine*, 23, 167-180.
- NOVOSELOVA, E. G., OGAY, V. B., SOROKINA, O. V., NOVIKOV, V. V. & FESENKO, E. E. (2001) Effects of centimeter waves and combined magnetic field on tumor necrosis factor production in cells of mice with experimental cancer. *Biofizika*, 46, 131-135.
- OLSSON, R. H. & WISE, K. D. (2005) A three-dimensional neural recording microsystem with implantable data compression circuitry. *Solid-State Circuits, IEEE Journal of*, 40, 2796-2804.
- PAKHOMOV, A. G., DOYLE, J., STUCK, B. E. & MURPHY, M. R. (2003) Effects of High Power Microwave Pulses on Synaptic Transmission and Long Term Potentiation in Hippocampus. *Bioelectromagnetics*, 24, 174-181.
- PASTERNAK, D. (2000) Reading your mind - and injecting smart thoughts. *U.S. News & World Report*. PAZUR, A. (2004) Characterisation of weak magnetic field effects in an aqueous glutamic acid solution by nonlinear dielectric spectroscopy and voltammetry. *Biomagn Res Technol*, 2, 8.
- PERSINGER, M. A. (2000) Suppression of experimental allergic encephalomyelitis in rats exposed nocturnally to magnetic fields. *International Journal of Neuroscience*, 100, 107-116.

- PETROSYAN, V. I., GULYAEV, Y. V., ZHITENEVA, E. A., ELKIN, V. A. & SINITSYN, N. I. (1995) Interaction of physical and biological objects with Ka-band electromagnetic radiation. *Radiotekhnika i Elektronika*, 40, 127-134.
- PHILLIPS, P., BROWN, L. & THORNTON, B. (2006) US Electromagnetic Weapons and Human Rights. Sonoma State University, CA. <http://www.projectcensored.org/newsflash/ElectromagneticWeapons.pdf>.
- PINNEO, L. R. & HALL, D. J. (1975) Feasibility study for design of a biocybernetic communication system. Menlo Park, Stanford Research Inst.
- POKORNY, J. & WU, T.-M. (1998) *Biophysical Aspects of Coherence and Biological Order*, Prague, Academia, Springer-Verlag.
- PREPARATA, G. (1995) *QED Coherence in Matter*, NY, World Scientific. PRESISL, H. (2005) *Magnetoencephalography*, San Diego, Ca., Academic Press. PRESMAN, A. S. (1970) *Electromagnetic Fields and Life*, New York, Plenum.
- PYRPASOPOULOU, A., KOTOULA, V., CHEVA, A., HYTIROGLOU, P., NIKOLAKAKI, E., MAGRAS, I. N., XENOS, T. D., TSIBOUKIS, T. D. & KARKAVELAS, G. (2004) Bone Morphogenetic Protein Expression in Newborn Rat Kidneys after Prenatal Exposure to Radiofrequency Radiation. *Bioelectromagnetics*, 25, 216-227.
- REA, W. R., PAN, Y., FENYVES, E. J., SUJISAWA, I., SAMADI, N. & ROSS, G. H. (1991) Electromagnetic field sensitivity. *J. Bioelectricity*, 10, 241-256.
- RIEBLING, M. (2004) The Pandora Project. www.markriebling.com/archives/00000304.html
- RITZ, T., THALAU, P., PHILLIPS, J. B., WILTSCHKO, R. & WILTSCHKO, W. (2004) Resonance effects indicate a radical-pair mechanism for avian magnetic compass. *Nature*, 429, 177-180.
- RIZZUTO, D. S., BREZNEN, B. & GREGER, B. (2003) Military-funded research is not unethical. *Nature*, 424, 369.
- RUBIN, G. J., DAS MUNSHI, J. & WESSELY, S. (2006) A systematic review of treatments for electromagnetic hypersensitivity. *Psychotherapy and Psychosomatics*, 75, 12-18.
- RUDOLPH, A. (2003) Military: brain machine could benefit millions. *Nature*, 424, 369.
- RUHENSTROTH-BAUER, G., GUNTHER, W., HANTSCHK, I., KLAGES, U., KUGLER, J. & PETERS, J. (1993) Influence of the Earth's magnetic field on resting and activated EEG mapping in normal subjects. *International Journal of Neuroscience*, 73, 195-201.
- SANDYK, R. (1996) Effect of weak electromagnetic fields on the amplitude of the pattern reversal VEP response in Parkinson's disease. *International Journal of Neuroscience*, 84, 165-175.
- SANDYK, R. (1999) Treatment with AC pulsed electromagnetic fields improves olfactory function in Parkinson's disease. *International Journal of Neuroscience*, 97, 225-233.
- SAVUKOV, I. M., LEE, S. K. & ROMALIS, M. V. (2006) Optical detection of liquid-state NMR. *Nature*, 442, 1021-4.
- SAVUKOV, I. M., SELTZER, S. J., ROMALIS, M. V. & SAUER, K. L. (2005) Tunable atomic magnetometer for detection of radio-frequency magnetic fields. *Phys Rev Lett*, 95, 063004. SAZAKI, G., MORENO, A. & NAKAJIMA, K. (2004) Novel coupling effects of the magnetic and electric fields on protein crystallization. *Journal of Crystal Growth*, 262, 499-502.

SCHENCK, J. F. (2005) Physical interactions of static magnetic fields with living tissues. *Progress in Biophysics and Molecular Biology*, 87, 185-204.

SCHIENLE, A., STARK, R. & VAITL, D. (2001) Sferics provoke changes in EEG power. *International Journal of Neuroscience*, 107, 87-102.

SCHROTTNER, J., LEITGEB, N. & HILLERT, L. (2007) Investigation of electric current perception thresholds of different EHS groups. *Bioelectromagnetics*, 28, 208-13.

SETO, A., KUSAKA, C., NAKAZATO, S., WEI RONG, H., SATO, T., HISAMITSU, T. &

TAKESHIGE, C. (1992) Detection of extraordinary large bio-magnetic field strength from human hand during external QI emission. *Acupuncture and Electro-Therapeutics Research*, 17, 75-94. SHIPOV, G. I. (1998) A theory of physical vacuum: A new paradigm, Moscow,

GART. SIEBNER, H. R. & ROTHWELL, J. (2003) Transcranial magnetic stimulation: New insights into representational cortical plasticity. *Experimental Brain Research*, 148, 1-16.

SIENKIEWICZ, Z., JONES, N. & BOTTOMLEY, A. (2005) Neurobehavioural effects of electromagnetic fields. *Bioelectromagnetics*, 26, S116-S126.

SIT'KO, S. P. (1996) Microwave resonance therapy. US Pat. 5507791. SLESIN, L. (2007) Microwave News. A report on Non-Ionizing Radiation. www.microwavenews.com

SOKOLOV, A., PAVLOVA, M., LUTZENBERGER, W. & BIRBAUMER, N. (2004) Reciprocal modulation of neuromagnetic induced gamma activity by attention in the human visual and auditory cortex. *NeuroImage*, 22, 521-529.

ST-PIERRE, L. S. & PERSINGER, M. A. (2003) Conspicuous histomorphological anomalies in the hippocampal formation of rats exposed prenatally to a complex sequenced magnetic field within the nanotesla range. *Perceptual and Motor Skills*, 97, 1307-1314.

STARBUCK, S., CORNELISSEN, G. & HALBERG, F. (2002) Is motivation influenced by geomagnetic activity? *Biomedicine and Pharmacotherapy*, 56.

SUBBOTINA, T. I., KHADARTSEV, A. A., YASHIN, M. A. & YASHIN, A. A. (2004) Effect of delta-rhythm-modulated extremely high frequency electromagnetic radiation on rats. *Bull Exp Biol Med*, 137, 423-4.

TAKAHASHI, M., WATANABE, Y., HARAGUCHI, T., KAWAI, T., YAMANE, G. Y., ABE, S.,

SAKIYAMA, K., HIRAIDE, Y., LEE, W. H., IDE, Y. & ISHIKAWA, T. (2004) Neuromagnetic analysis of the late phase of the readiness field for precise hand movements using magnetoencephalography. *The Bulletin of Tokyo Dental College*, 45, 9-17.

TAKASHIMA, Y., MIYAKOSHI, J., IKEHATA, M., IWASAKA, M., UENO, S. & KOANA, T. (2004) Genotoxic effects of strong static magnetic fields in DNA-repair defective mutants of *Drosophila melanogaster*. *Journal of Radiation Research*, 45, 393-397.

TAMBIEV, A. E., MEDVEDEV, S. D. & EGOROVA, E. V. (1995) The effect of geomagnetic disturbances on the functions of attention and memory. *Aerospace and Environmental Medicine*, 29, 43-45.

TSYGANKOV, V. D. & LOPATIN, V. N. (1999) *Psychotronic War and the Security of Russia* (Book in Russian), Moscow, SINTEG <http://www.mindjustice.org/rustrans.htm>

VERDON, C. M., SABA, G. & JANUEL, D. (2004) Transcranial magnetic stimulation in cognition and neuropsychology. *Encephale*, 30, 363-368.

VLADIMIRSKII, B. M., VOLYNSKII, A. M., VINOGRADOV, S. A., BRODOVSKAYA, Z. I., TEMURIYANTS, N. A., ACHKASOVA, Y. N., ROSENBERG, V. D. & CHELKOVA, Z. D. (1971) Experimental studies of the effect of ELF EM fields on haemotherms and microorganisms. *Effect of Solar Activity on the Terrestrial Atmosphere and Biosphere*. Moscow, Nauka.

VOLEGOV, P., MATLACHOV, A. N., ESPY, M. A., GEORGE, J. S. & KRAUS JR, R. H. (2004) Simultaneous magnetoencephalography and SQUID detected nuclear MR in microtesla magnetic fields. *Magnetic Resonance in Medicine*, 52, 467-470.

VOLPE, P. (2003) Interactions of zero-frequency and oscillating magnetic fields with biostructures and biosystems. *Photochemical and Photobiological Sciences*, 2, 637-648.

WALKER, M. M., DENNIS, T. E. & KIRSCHVINK, J. L. (2002) The magnetic sense and its use in long-distance navigation by animals. *Current Opinion in Neurobiology*, 12, 735-744.

WANG, M., FENG, Y. & GUO, Q. (1997) Experimental study on induction animal sleep by low-frequency pulsed magnetic field. *Chinese Journal of Biomedical Engineering*, 16, 23-27.

WEINBERGER, S. (2007) Mind Games. *Washington Post Magazine*, January 14, W22.

WELSH, C. (2003) Survey of Evidence Regarding Mind Control Experiments. Davis, Mind Justice Org. www.mindjustice.org/2003_survey.htm . See also www.mindjustice.org/emr13.htm , www.apfn.net/messageboard/07-04-05/discussion.cgi.48.html.

WEST, R. W., HINSON, W. G. & SWICORD, M. L. (1996) Anchorage-independent growth with JB6 cells exposed to 60 Hz magnetic fields at several flux densities. *Bioelectrochemistry and Bioenergetics*, 39, 175-179.

WESTBROOK, C., CAROLYN KAUT ROTH, C. K. & TALBOT, J. (2005) *MRI in Practice*, Oxford, Blackwell.

WILTSCHKO, W. & WILTSCHKO, R. (2005) Magnetic orientation and magnetoreception in birds and other animals. *Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology*, 191, 675-693.

ZARUBIN, A. P. (2007) Torsion fields and spin-torsion interactions. (Bibliography in Russian). Novosibirsk, <http://www.prometeus.nsc.ru/partner/zarubin/torfield.ss>