REFERENCES

1. Siberstein SD. Topiramate in migraine prevention. Expert Rev. Neurotherapeutics 2003; 3(6): 761-771.
2. Ruiz de Velasco I, Gonzalez N, Etxeberria Y, & Garcia-Monco JC. Quality of life in migraine patients: a qualitative study. *Cephalalgia* 2003; 23(9): 892-900.
3. Leonardi M and Mathers C. Global burden of migraine in the year 2000: summary of methods and data sources. Global Burden of Disease, *WHO Report Geneva* 2002: 1-18.
4. Lipton RB, Stewart WF, Diamond S, Diamond ML, & Reed M. Prevalence and burden of migraine in the United States: data from the American Migraine Study II. *Headache* 2001; 41(7):646-57.
5. Stovner LJ, Zwart JA, Hagen K, Terwindt GM, & Pascua J. Epidemiology of headache in Europe. Eur. J. Neurol. 2006; 13: 333–345.
6. Lipton RB & Bigal ME. The epidemiology of migraine. Am. J. Med. 2005; 118, Suppl 1: 3S-10S.
7. Wang SJ. Epidemiology of migraine and other types of headache in Asia. Curr Neurol Neurosci Rep. 2003; 3(2): 104-8.
8. Phanthumchinda K & Sithi-Amorn C. Prevalence and clinical features of migraine: a community survey in Bangkok, Thailand. *Headache* 1989; 29(9): 594-7.
9. Brandes JL. The Influence of Estrogen on Migraine. JAMA 2006; 295: 1824-1830.

10. Siniatchkin M, Averkina N & Gerber WD. Relationship between precipitating agents and neurophysiologicalabnormalities in migraine. *Cephalalgia* 2006; 26: 457–465.
11. Martin VT et al. Symptoms of Premenstrual Syndrome and Their Association With Migraine Headache. *Headache* 2006; 46: 125-137.
12. Kibler JL et al. Hormones, Menstrual Distress, and Migraine Across the Phases of the Menstrual Cycle. *Headache* 2005; 45: 1181-1189.
13. Demarquay G, Royet JP, Giraud P, Chazot G, Valade D & Ryvlin P. Rating of olfactory judgements in migraine patients. *Cephalalgia* 2006; 26: 1123–1130.
14. Martin PR, Todd J & Reece J. Effects of Noise and a Stressor on Head Pain. *Headache* 2005; 45: 1353-1364.
15. Karli N, Zarifoglu M, Calisir N & Akgoz S. Comparison of pre-headache phases and trigger factors of migraine and episodic tension-type headache: do they share similar clinical pathophysiology? *Cephalalgia* 2005; 25: 444–451.
16. Zinck T, Illum R, & Jansen-Olesen I. Increased expression of endothelial and neuronal nitric oxide synthase in dura and pia mater after air stress. *Cephalalgia* 2005; 26: 14–25.
17. Patricia B et al. The Effect of Weather on Headache. *Headache* 2004; 44: 596-602.
18. Zivadinov R et al. Migraine and tension-type headache in Croatia: a population-based

survey of precipitating factors. *Cephalalgia* 2003; 23: 336–343.

19. Spierings ELH, Ranke AH, & Honkoop PC. Precipitating and Aggravating Factors of Migraine Versus Tension-Type Headache. *Headache* 2001; 41: 554-558.

20. Chabriat H, Danchot J, Michel P, Joire J-E, & Henry P. Precipitating Factors of Headache. A Prospective Study in a National Control-Matched Survey in Migraineurs and Nonmigraineurs. *Headache* 1999; 39: 335-338.

21. Wacogne C, Lacoste JP, Guillibert E, Hugues FC & Le Jeunne C. Stress, anxiety, depression and migraine. *Cephalalgia* 2003; 23: 451–455.

22. Repacholi MH. Health risks from the use of mobile phones. Toxicology Letters 2001; 120: 323–331.

23. Hocking B. Preliminary report: Symptoms associated with mobile phone use. Occup. Med. 1998; 48: 357-360.

24. Striessnig J. Pathophysiology of migraine headache: Insight from pharmacology and genetics. Drug Discovery Today: Disease Mechanisms 2005; 2(4): 453-462.

25. Aurora SK. Pathophysiology of Migraine and Cluster Headaches. Seminars in Pain Medicine 2004; 2(2): 62-71.

26. Salford G.L, Brun E.A, Eberhardt L.J, Malmgren L, & Persson R.R B. Nerve Cell Damage in Mammalian Brain after Exposure to Microwaves from GSM Mobile Phones. Environ Health Perspect 2003; 111: 881–883.

27. Zhao T-Y, Zou S-P, & Knapp EP. Exposure to cell phone radiation up-regulates apoptosis genes in primary cultures of neurons and astrocytes. NeuroscienceLetters 2007; 412: 34–38.

28. Al-Khlai T & Meo AS. Association of mobile phone radiation with fatigue, headache, dizziness, tension and sleep disturbance in Saudi population. Saudi Med. J 2004; 25: 732-736.

29. Chia SE, Chia HP, & Tan JS. Prevalence of headache among handheld cellular telephone users in Singapore: A Community study. Environ Health Perspect 2000; 108: 1059-1062.

30. Bit-Babik G., Chou C.K., Faraone A., Gessner A., Kanda M., & Q. Balzano. Estimation of the SAR in the Human Head and Body due to Radiofrequency Radiation Exposure from Handheld Mobile Phones with Hands-Free Accessories. *Radiat. Res.* 2003; 159: 550–557.

31. Chou C.K., Gessner A., Kanda M., & Balzano Q. "Do hands-free accessories increase the peak SAR in the human head when used with a mobile phone?" Bioelectromagnetics Society, 23rd Annual Meeting, 11-14 June, St. Paul, MN, Abstract No. 14-6, p. 82-83, 2001.

32. Rubin GJ, Hahn G, Everitt BS, Cleare AJ, & Wessely S. Are some people sensitive to mobile phone signals? Within participants double blind randomised provocation study. *BMJ* 2006; 332: 886-891.

33. Oftedal G, Straume A, Johnsson A, & Stovner LJ. Mobile phone headache: a double blind, sham-controlled provocation study. *Cephalgia* 2007; 27: 447-455.

34. Headache Classification Committee. The International Classification of Headache Disorders, 2nd Edition. *Cephalgia* 2004; 24: 1-160.

35. Silberstein SD. SEMINAR on Migraine. *Lancet* 2004; 363: 381–91.

36. Stefan Just et al. Pathophysiology of migraine: A role for Neuropeptides. Drug Discovery Today: Disease Mechanisms (2006), doi:10.1016/j.ddmec.2006.07.002.

37. Arulmani U, VanDenBrink AM, Villalon CM, & Saxena PR. Calcitonin gene-related peptide and its role in migraine pathophysiology. Eur. J. Pharmacol. 2004; 500: 315-330.

38. Edvinsson L & Uddman R. Neurobiology in primary headaches. Brain Res Rev 2005; 48: 438– 456.

39. Goadsby PJ, Lipton RB, & Ferrari MD. Migraine: Current Understanding and Treatment. N Engl J Med 2002; 346(4): 257-270.

40. Silberstein SD& Rosenberg J. Multispecialty consensus on diagnosis and treatment of headache. Neurology 2000; 54: 1553.

41. Gupta VK. Botulinum Toxin-A Treatment for Migraine? A Systematic Review. Pain Medicine 2006; 7(5):386-394.

42. Evers S. Status on the use of botulinum toxin for headache disorders. Curr Opin Neurol 2006; 19: 310–315.

43. Mathew NT. The Prophylactic Treatment of Chronic Daily Headache. *Headache* 2006; 46: 1552-1564.

44. Dodick DW et al. Botulinum Toxin Type A for the Prophylaxis of Chronic Daily Headache: Subgroup Analysis of Patients not Receiving Other Prophylactic Medications: A Randomized Double-Blind, Placebo-Controlled Study. *Headache* 2005; 45: 315-324.

45. Blumenfeld A. Botulinum Toxin A as an Effective Prophylactic Treatment in Primary Headache Disorders. *Headache* 2003; 43: 853-860.

46. Zamanian A & Hardiman C. Electromagnetic Radiation and Human Health: A Review of Sources and Effects. High Frequency Electronics 2005: 16-26.
47. Stuchly MA. Biological concerns in wireless communications. Crit Rev Biomed Eng 1998; 26: 117-151.
48. International Commission on Non-Ionizing Radiation Protection: Guidelines for limiting exposure to time-varying electric, magnetic and electromagnetic fields. Health Phys 74:494-522, 1998.
49. Moulder JE. Mobile Phone (Cell Phone) Base Stations and Human Health. Electromagnetic Fields and Human Health 2006 at http://www.mcw.edu/gcrc/cop/cell-phone-health-FAQ/toc.html#N61.
50. KR Foster, LS Erdreich & JE Moulder: Weak electromagnetic fields and cancer In the context of risk assessment. Proc IEEE 85:731-746, 1997.
51. FDA & FC. Cell Phone Facts: Questions & Answers. Updated 2003 at http://www.fda.gov/cellphones/qa.html#1#1
52. Independent Expert Group on Mobile Phones. Mobile phones and health. Chilton: Independent Expert Group on Mobile Phones, 2000.
53. Lai Henry. Mobile phone-Is there a health risk? Paper presented at the IBC-UK Conference, September 16-17, 1997 in Brussels, Belgium.
54. Merritt JH, Chamness AF, & Allen SJ. Studies on blood-brain barrier permeability after microwave-radiation. Rad Environ Biophys 1978; 15: 367-77.
55. Lin J.C. & Lin M.F. Studies on microwave and blood-brain barrier interaction. Bioelectromagnetics 1980; 1: 313 – 323.

56. Lin J.C. & Lin M.F. Microwave Hyperthermia-Induced Blood-Brain Barrier Alterations. Radiation Research 1982; 89: 77-87.

57. Goldman H., Lin J.C., Murphy S., & Lin M.F. Cerebrovascular permeability to ^{86}Rb in the rat after exposure to pulsed microwaves. Bioelectromagnetics 1984; 5: 323 – 330.

58. Lai H, Carino MA, Horita A, & Guy AW. Low-level microwave irradiation and central nervous cholinergic systems. Pharmacol Biochem Behav 1989a; 33: 131-8.

59. Lai H, Singh NP. Acute low-intensity microwave exposure increases DNA single-strand breaks in rat brain cells. Bioelectromagnetics 1995; 16: 207-10.

60. Persson B.R.R., Salford L.G. & Brun A. Blood-brain barrier permeability in rats exposed to electromagnetic fields used in wireless communication. Wireless Networks 1997; 3: 455-461.

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

62. Finnie J. W. et al. Effect of long-term mobile communication microwave exposure on vascular permeability in mouse brain. Pathology2002; 34: 344-347.

63. Salford G.L., Brun A., Sturesson K., Eberhardt L.J., & Persson R.R. B. Permeability of the blood-brain barrier induced by 915 MHz electromagnetic radiation, continuous wave and modulated at 8, 16, 50, and 200 Hz. Microscopy Research and Technique 2005; 27: 535 – 542.

64. Garcia-Sagredo J.M & Monteagudo J.L. Effect of low-level pulsed electromagnetic fields on human chromosomes in vitro: analysis of chromosomal aberrations. Hereditas 1991; 115: 9-11.

65. Salford G.L, Brun E.A, Eberhardt L.J, Malmgren L, & Persson R.R B. Nerve Cell Damage in Mammalian Brain after Exposure to Microwaves from GSM Mobile Phones. Environ Health Perspect 2003; 111: 881–883.

66. Pavicic I. & Trosic I. Influence of 864 MHz electromagnetic field on growth kinetics of established cell line. Biologia 2006; 61: 321-25.

67. Lantow M., Lupke M., Frahm J., Mattsson M.O., Kuster N., & Simko M. ROS release and Hsp70 expression after exposure to1,800 MHz radiofrequency electromagnetic fields in primary human monocytes and lymphocytes. Radiat Environ Biophys 2006; 45: 55–62.

68. Kouzmanova M., Atanasova G., Atanasov N., & Tasheva S. Effects of in vitro exposure to GSM 900 electromagnetic field on human erythrocytes. Environmentalist 2007; 27: 423–428.

69. Zhao T-Y, Zou S-P, & Knapp EP. Exposure to cell phone radiation up-regulates apoptosis genes in primary cultures of neurons and astrocytes. NeuroscienceLetters 2007; 412: 34–38.

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

71. Barteri M., Rotella S., & Pala A.. Structural and kinetic effects of mobile phone microwaves on acetylcholinesterase activity. Biophysical Chemistry 2005; 113: 245–253.

72. Ushiyama A., Masuda H., Hirota S., Wake K., Kawai H., Watanabe S., Taki M., Ohkubo C.. Biological effect on blood cerebrospinal fluid barrier due to radiofrequency electromagnetic fields exposure of the rat brain in vivo. Environmentalist 2007; 27: 489–492.

73. Van Leeuwen GMJ, Lagendijk JJW, Van Leersum BJAM, et al. Calculation of change in brain temperature due to exposure to a mobile phone. Phys Med Biol 1999; 44: 2367-79.

74. Wainwright P. Thermal effects of radiation from cellular telephones. Phys Med Biol 2000; 45: 2363-72.

75. Gandhi OP, Li Q-X, Kang G. Temperature rise for the human head for cellular telephones and for peak SAR prescribed in safety guidelines. IEEE MTT 2001; 49: 1607-13.

76. Bernardi P, Cavagnaro M, Pisa S, et al. Temperature elevation in the head of a cellular phone user: effect of SAR and of the contact with the phone. In: Abstract book of the 23rd Annual Meeting of the Bioelectromagnetics Society, St Paul, MN, 2001: p.78-9.

77. Huber R. et al. Exposure to pulsed high-frequency electromagnetic field during waking affects human sleep EEG. NeuroReport 2000; 11: 3321-3325.

78. Curcio G., Ferrara M., Moroni F. , D'Inzeo G., Bertini M., & Gennaro DL. Is the brain influenced by a phone call? An EEG study of resting wakefulness. Neuroscience Research 2005; 53: 265–270.

79. Regel JS, Tinguely G, Schuderer J, Adam M, Kuster N, Landolt H-P & Achermann P. Pulsed radio-frequency electromagnetic fields: dose-dependent effects on sleep, the sleep EEG and cognitive performance. J.SleepRes. 2007; 16: 253–258.

80. Allis J W and Sinha-Robinson B L. Temperature-specific inhibition of human cell Na+/K+ ATPase by 2450 MHz microwave radiation. Bioelectromagnetics 1987; 8: 203.

81. Liu D-S, Astumian R D and Tsong T Y. Activation of Na and K pumping modes of (Na, K)-ATPase by an oscillating electric field. J Biol Chem 1990; 265: 7260.

82. Philippova T M, Novoselov V I and Alekseev S I. Influence of microwaves on different types of receptors and the role of peroxidation of lipids on receptor-protein shedding. Bioelectromagnetics 1994; 15: 183.

83. D'Inzeo G, Bernardi P, Eusebi F, Grassi F, Tamburello C and Zani B M. Microwave effects on acetylcholine-induced channels in cultured chick myotubes. Bioelectromagnetics 1988; 9: 363.

84. Kittel A, Siklow L, Thuroczy G and Somosy Z. Qualitative enzyme historchemistry and microanalysis revela changes in ultra-structural distribution of calcium and calcium activated ATPases after microwave irradiation of the medial habenula. Acta Neuropathol 1996; 92: 362.

85. Adey W R. The extracellular space and energetic hierarchies in electrochemical signalling between cells. IN Charge and Field Effects in Biosystems 2 (M J Allen, S F Cleary and F M Hawkridge, Eds). New York, Plenum Press 1989; p 264.

86. Adey W R. Biological effects of electromagnetic fields. J Cell Biochem 1993; 5: 410.

87. Modak A T, Stavinoha W B and Dean U P. Effect of short electromagnetic pulses on brain acetylcholine content and spontaneous motor activity in mice. Bioelectromagnetics 1981; 2: 89.

88. Dutta S K, Das K, Ghosh B and Blackman C F. Dose dependence of acetylcholinesterase activity in neuroblastoma cells expopsed to modulated radio-frequency electromagnetic radiation. Bioelectromagnetics 1992; 13: 317.

89. Lai H, Horita A, Chou C-K and Guy A W. Low-level microwave irradiation affects central cholinergic activity in the rat. J Neurochem 1987; 48: 40.

90. Lai H, Carino M A, Horita A and Guy A W. Low-level microwave irradiation and central cholinergic activity: a dose response study. Bioelectromagnetics 1989b; 10: 203.

91. Lai H, Carino M, Horita A and Guy A W. Corticotropin-releasing factor antagonist blocks microwave induced decreases in high-affinity choline uptake in the rat brain. Brain Res Bull 1990; 25: 609.

92. Lai H, Carino M A, Wen Y F, Horita A and Guy A W. Naltrexonew pretreatment blocks microwave-induced changes in central cholinergic receptors. Bioelectromagnetics 1991; 12: 27.

93. Lai H, Horita A and Guy A W. Microwave irradiation affects radial-arm maze performance in the rat. Bioelectromagnetics 1994; 15: 95.

94. Sandström M, Wilén J, Oftedal G, & Mild KH. Mobile phone use and subjective symptoms. Comparison of symptoms experienced by users of analogue and digital mobile phones. Occup Med 2001; 51: 25-35.

95. Rubin GJ, Hahn G, Everitt BS, Cleare AJ, & Wessely S. Are some people sensitive to mobile phone signals? Within participants double blind randomised provocation study. *BMJ* 2006; 332: 886-891.

96. Oftedal G., Wilen J., Sandstrom M. & Mild K. H. Symptoms experienced in connection with mobile phone use. Occup. Med. 2000; 50: 237-245.

97. Abdel-Rassoul et al. Neurobehavioral effects among inhabitants around mobile phone base stations. Neuro Toxicology 2007; 28: 434-440.

98. Eltiti S et al. Does Short - Term Exposure to Mobile Phone Base Station Signals Increase Symptoms in Individuals Who Report Sensitivity to Electromagnetic Fields? A Double - Blind Randomized Provocation Study. Environmental Health Perspectives 2007; 115: 1603-1608.

99. Szyjkowska A., Bortkiewicz A., Szymczak W., & Makowiec-Dabrowska T. Subjective symptoms related to mobile phone use. Pol Merkuriusz Lek 2005; 19: 529-532.

100. Bardasano J.L, Alvarez-Ude J., Gutierrez I., & Goya R. New Device Against Non - Thermal Effects from Mobile Telephones. The environmentalist 2005; 25: 257-263.

101. Manning M.I & Gabriel CHB. SAR Tests on mobile phones used with and without personal hands – free kits. SAR Test Report 0083, 2000 at http://www.sartest.com.

102. Health Council of the Netherlands: Mobile telephones; an evaluation of health effects. The Hague: Health Council of the Netherlands, 2002; publication no. 2002/01E.

103. Hocking B & Westerman R. Neurological abnormalities associated with

CDMA exposure. Occup. Med. 2001, 51: 410-413.

104. Hocking B & Westerman R. Neurological abnormalities associated with mobile phone use. Occup. Med. 2000; 50: 366-368.

105. Yadav A.S., & Sharma M.K. Increased frequency of micronucleated exfoliated cells among humans exposed in vivo to mobile telephone radiations. Mutation Research 2008; 650: 175–180.

106. Sherman AR, Robson L, & Marden AL. Initial Exploration of Pulsing Electromagnetic Fields for Treatment of Migraine. Headache 1998; 38: 208-21.

107. Sherman AR, Acosta MN, & Robson L. Treatment of Migraine with Pulsing Electromagnetic Fields: A Double-Blind, Placebo-Controlled Study. Headache 1999; 39: 567-575.

108. Chankrachang S, Kongsaengdao S, Ling H, & Kaewlai R. Suandok Migrainr Score (SMS) and Suandok Headache Questionnaire (SHQ) in Diagnosis Migraine. Presented at the annual meeting of NST, March 2002.

109. Chankrachang S, Arayawichanon A, Poungvarin N, Nidhinandana S, Boonkongchuen P, Towanabut S, Sithinamsuwan P, & Kongsaengdao S. Botulinum toxin type A in migraine without aura prophylaxis; A 12 weeks prospective, multi-center, double-blind, randomized, placebo-controlled trial. Cephalalgia Supplementary Abstracts of the XII Congress of the International Headache Society/IHC 2005, Kyoto, Japan on 9–12 October 2005.

110. Zigmond AS and Snaith RP. The Hospital Anxiety and Depression Scale. *Acta Psychiatr Scand* 1983; 67: 361-70.