

MAIN REFERENCES ON BIOLOGICAL NON THERMAL EFFECTS OF EMF/RF ON HEALTH

related also to the Nicosia Declaration 2017

Updated on November 2019

1. [American Association of Paediatrics \(AAP\), responds to study showing link between cell phone radiation, tumors in rats.](#) AAP News, 2016.
2. Adams, Jessica A., et al. "[Effect of mobile telephones on sperm quality: A systematic review and meta-analysis.](#)" *Environmental International*, vol. 70, 2014, pp. 106-12.
3. Advisory Group recommendations on priorities for IARC Monographs, Lancet 2019
www.thelancet.com/oncology Published online April 17, 2019 [http://dx.doi.org/10.1016/S1470-2045\(19\)30246-3](http://dx.doi.org/10.1016/S1470-2045(19)30246-3)
4. Aldad T.S., Gan C., Gao Xiao-Bing, Taylor S.H., *Sci Rep.* 2012; 2: 312. PMID: PMC3306017, "[Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice](#)"
5. American Academy of Environmental Medicine (AAEM), 2012
6. American to the Federal Communications Commission (FCC) in 2013
7. ANSES, 2016. opinion of the French Agency for food Environmental and Health Safety on the "[Exposition aux radiofréquences et santé des enfants.](#)"
8. ANSES 2019 , opinion of the French Agency for food Environmental and Health Safety on the "**Health effects associated with exposure to low-frequency electromagnetic fields**". www.anses.fr ANSES/PR19/01-06 [version e] code Ennov: ANSES/FGE/0037
10. Atasoy H.I. et al, 2013. Immunohistopathologic demonstration of deleterious effects on growing rattestes of radiofrequency waves emitted from conventional Wi-Fi devices. *Journal of Pediatric Urology* 9(2): 223-229
<https://www.ncbi.nlm.nih.gov/pubmed/23718180>
11. Avendaño C. et al 2012. [Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation.](#) *Fertility and Sterility* 97(1): 39-45.
12. Bandara Pr. Carbenter, D. (2018), "**Planetary electromagnetic pollution: it is time to assess its impact**", the Lancet /planetary Health. Vol 2 www.thelancet.com/planetary-health Vol 2
13. Blackman C., Forge S. Report for EU Parliament on 5G Deployment - State of Play in Europe, USA, Asia, DG for Internal Policies, PE 631.060-April 2019
14. Bandara P, Weller S. Cardiovascular disease: Time to identify emerging environmental risk factors. *Eur J Prev Cardiol.* 2017;24(17):1819-1823.
<http://journals.sagepub.com/> doi/10.1177/2047487317734898. Accessed June 17, 2018.
15. Beadaa Mohammed Evaluation of children exposure to electromagnetic fields of mobile phones using age-specific head models with age-dependent dielectric properties, 2017 IEEE Citation information: DOI 10.1109/ACCESS.2017.2767074, IEEE Access
16. Bellieni C.V and I. Pinto Fetal and Neonatal effects of EMFs , Bioinitiative Report 2012, section 19
17. Bio Initiative 2012, updated 2014, & supplement summary for public

18. Bio Initiative Report 2012 and updates 2014 2015,2017 Neurological Effects of Non-Ionizing Electromagnetic Fields 2014 Supplement (www.bioinitiative.org)
19. Bioinitiative 2012 sect 19 Fetal and Neonatal Effects of EMF by prof Carlo V. Bellieni, MD and Dr. Iole Pinto,
20. BioInitiative Working Group BioInitiative 2012 A Rationale for a Biologically-based Exposure Standard for Electromagnetic Fields (ELF and RF) Sage C, Carpenter DO, editors. Bioinitiative. 2012 <http://www.bioinitiative.org/table-of-contents/>. Accessed on April 1, 2017.
21. Birks L et al 2017 Maternal cell phone use during pregnancy and child behavioural problems in five birth cohorts, *Environ Int* 2017 Jul;104:122-131. doi: 10.1016/j.envint.2017.03.024. Epub 2017 Apr 7.
22. Blackman C. et al, report for the EU Parliament "5G Deployment state of play in Europe, USA & Asia" 2019 (<https://www.europarl.europa.eu> > IDAN > IPOL_IDA(2019)631060_EN)
23. Brussels International Scientific Declaration on Electromagnetic Hypersensitivity and Multiple Chemical Sensitivity (2018). ECRI Institute. http://eceri-institute.org/fichiers/1441982765_Statement_EN_DEFINITIF.pdf, Published 2015. Accessed June 10, 2018.
24. Calvente I, Pérez-Lobato R, Núñez MI, Ramos R, Guxens M, Villalba J, Olea N, Fernández MF (2016). **Does exposure to environmental radiofrequency electromagnetic fields cause cognitive and behavioral effects in 10-year-old boys?** *Bioelectromagnetics.* ;37:25-36. doi: 10.1002/bem.21951. [[PubMed](#)] [[CrossRef](#)]
25. Carlberg, Michael and Lennart Hardell (2014), **Decreased Survival of Glioma Patients with Astrocytoma Grade IV (Glioblastoma Multiformes) Associated with Long-Term Use of Mobile and Cordless Phones**, *Int J Environ Res Public Health.*; 11(10): 10790–10805. Published online 2014 Oct 16. doi: [10.3390/ijerph111010790](https://doi.org/10.3390/ijerph111010790), PMID: 25325361
26. Carlberg, Michael and Lennart Hardell (2017). **"Evaluation of Mobile Phone and Cordless Phone Use and Glioma Risk Using the Bradford Hill Viewpoints from 1965 on Association or Causation."** *BioMed Research International.*
27. Castellanos F. X. **Development trajectories of brain volume abnormalities in children and adolescents with attention-deficit/hyperactivity disorder.** *JAMA* 288, 1740-48 (2002). [[PubMed](#)]
28. Castellanos F. X. & Tannock R. **Neuroscience of attention deficit/hyperactivity disorder: the search for endophenotypes.** *Nat Rev Neurosci* 3, 617-28 (2002). [[PubMed](#)]
29. Çelik, Ömer, et al. (2015). **Oxidative Stress of Brain and Liver is Increased by Wi-Fi (2.45 GHz) Exposure of Rats During Pregnancy and the Development of Newborns.** *Journal of Chemical Neuroanatomy* 75(B):134-139
30. Conrado Avenda et al (2012) **Use of laptop computers connected to internet through Wi-Fi decreases human sperm motility and increases sperm DNA fragmentation**, *Sterility and Fertility* , V97, No1
31. Council of Europe: Resolution 1815, (2011), **The potential dangers of electromagnetic fields and their effect on the environment**

32. Council on Communications and Media, 2011, **Media Use by Children Younger than 2 years**, Pediatrics
<http://pediatrics.aappublications.org/content/128/5/1040.full.html>
33. Dasdag S, Taş M, Akdag MZ, Yegin K. **Effect of long-term exposure of 2.4 GHz radiofrequency radiation emitted from Wi-Fi equipment on testes functions**. Electromagn Biol Med. 2015;34:37–42. doi: 10.3109/15368378.2013.869752. [PubMed] [CrossRef]
34. Davis Lee Devra, Santosh Kesari, Colin L. Soskolne , Anthony B. Miller , Yael Stein Pathophysiology 20 (2013) 123-129
35. De Iuliis, Geoffrey N., et al. "[Mobile phone radiation induces reactive oxygen species production and DNA damage in human spermatozoa in vitro.](#)" *PloS one*, vol. 4, no. 7, 2009.
36. Deshmukh, Pravin Suryakantrao, et al. "[Cognitive impairment and neurogenotoxic effects in rats exposed to low-intensity microwave radiation.](#)" *International Journal of Toxicology*, vol. 34, no. 3, 2015, pp. 284-90.
37. Divan HA, Kheifets L, Obel C, Olsen J. **Prenatal and postnatal exposure to cell phone use and behaviour I problems in children**. Epidemiology 2008;19: 523-529.
http://www.wifiinschools.com/uploads/3/0/4/2/3042232/divan_08_prenatal_postnatal_cell_phone_use.pdf. Accessed June 29, 2018.
38. Divan HA, Kheifets L, Obel C, Olsen J., 2010 **Cell phone use and behavioural problems in young children**. J Epidemiol Community Health. 2010;66(6):524-529. doi: 10.1136/jech.2010.115402. Accessed July 16, 2018
39. Divan. J et al ,2011 , **The Prenatal cell phone use and developmental milestone delays among infants**, Scand J Work Environ Health , 37 (4): 341 - 348
40. Divan. J et al ,2012 **Prenatal cell phone use and developmental milestone delays among infants**,
41. Eghlidospour M, Ghanbari A, Mortazavi S, Azari H. **Effects of radiofrequency exposure emitted from a GSM mobile phone on proliferation, differentiation, and apoptosis of neural stem cells**. Anat Cell Biol. 2017;50(2):115-123.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509895> Accessed June 17, 2018.
42. Environmental Health Trust: **5G And The IOT: Scientific Overview Of Human Health Risks 2019**. Available at: <https://ehtrust.org/key-issues/cell-phoneswireless/5g-networks-iot-scientific-overview-human-health-risks/>
43. EUROPAEM, **EMF Guidelines 2016 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses**, Belyaev, I. Dean A., Eger H., Hubmann G., Jandrisovits R., Kern M. Kundi M., Moshammer H., Lercher P., Müller K., Oberfeld G/, Ohnsorge P., Pelzmann P., Scheingraber C. and Thill R., Rev Environ Health 2016
44. Falcioni L, et al 2018: **Report of final results regarding brain and heart tumors in SpragueDawley rats exposed from prenatal life until natural death to**

- mobile phone radiofrequency field representative of a 1.8 GHz GSM base station environmental emission. *Environ Res*. 2018 Aug;165:496-503. doi: 10.1016/j.envres.2018.01.037. Epub 2018 Mar
45. Fernández-Rodríguez C. E, A.A. De Salles and D. L. Davis, "Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation-The Relationship Between ps SAR and Age", *IEEE Access*, Vol. 3, pp.2425-2430, 2015.
 46. Foster, K.R. and Chou, C.K., Response to "Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults" and "Yes the Children Are More Exposed to Radiofrequency Energy From Mobile Telephones Than Adults", *IEEE Access*, Vol. 4, pp.5322-5326, 2016.
 47. **Freiburger International Doctors' Appeal** <http://freiburger-appell-2012.info/en/home.php?lang=EN>. Published in 2012. Accessed June 10, 2018.
 48. Gandhi O, Riaz A. **Absorption of millimeter waves by human beings and its biological implications**. *IEEE Trans Microw Theory Tech*. 1986;34(2):228-235. doi:10.1109/TMTT.1986.1133316.
 49. Gandhi OP, Morgan LL, de Salles AA, Han Y-Y, Herberman RB, Davis DL. **Exposure limits: The underestimation of absorbed cell phone radiation, especially in children**. *Electromagn Biol Med*. 2012;31:34-51. doi: 10.3109/15368378.2011.622827. [[PubMed](#)] [[CrossRef](#)]
 50. Gandhi, O. P. "Yes the children are more exposed to radiofrequency energy from mobile telephones than adults" *IEEE Access*, Vol. 3, pp.985-988, 2015.
 51. German Academy of Pediatrics: "Keep Kids Away from Mobiles", *Microwave News*, Vol. 21, No. 4, p 5, Jan/Feb 2001
 52. Glaser Z. **Cumulated index to the bibliography of reported biological phenomena ('effects') and clinical manifestations attributed to microwave and radio-frequency radiation: report, supplements (no. 1-9)**. BEMS newsletter (B-1 through B-464), 1971-1981. <http://www.cellphonetaskforce.org/wpcontent/uploads/2018/06/Zory-Glaser-index.pdf>. Accessed June 26, 2018.
 53. Gluckman, P. et al. **The fetal, neonatal, and infant environments - the long-term consequences for disease risk**, *Early Human Development*, 2005, 81: 51-59.
 54. Grandjean. P. **Prenatal programming and toxicity**. *Basic and Clinical Pharmacology and Toxicology*, 2008, 102:2
 55. Goldsworthy A., 2012, **The Biological Effects of Weak Electromagnetic Fields**, *MCSA News*, Volume 7 , Issue 7
 56. Grigoriev Y. **Bioeffects of modulated electromagnetic fields in the acute experiments (results of Russian researches)**. *Annu Russ Natl Comm Non-Ionising Radiat Protect*. 2004:16-73. <http://bemri.org/publications/biological-effects-of-non-ionizing-radiation/78-grigorievbioeffects07/files.html> ,Accessed June 17, 2018.
 57. **Guidelines 2012 of the Austrian Medical Association**, <http://www.magdahavas.com/wordpress/wp-content/uploads/2012/06/Austrian-EMF-Guidelines-2012.pdf>
 58. **Guidelines 2018 of the Austrian Medical Association**

59. Han J, Cao Z, Liu X, Zhang W, Zhang S. **Effect of early pregnancy electromagnetic field exposure on embryo growth ceasing.** Wei Sheng Yan Jiu. 2010;39(3):349-52 (in Chinese) <https://www.ncbi.nlm.nih.gov/pubmed/20568468>
60. Hallberg Ö, Oberfeld G. Letter to the editor: Will we all become electrosensitive? Electromagn Biol Med. 2006;25:189-191. https://www.criirem.org/wp-content/uploads/2006/03/ehs2006_hallbergoberfeld.pdf Accessed June 22, 2018
61. Hardell L, Carlberg C. **Mobile phones, cordless phones and the risk for brain tumors.** Int J Oncol 2009;35(1):5-17. <https://www.spandidos-publications.com/ijo/35/1/5/> download. Accessed June 17, 2018.
62. Hardell L. and Carlberg M. 2013, **Hill criteria, Reviews of Environmental Health** 28: 97-106
63. Hardell L. et al 2013: **Case-control study of the association between malignant brain tumours diagnosed between 2007 and 2009 and mobile and cordless phone use** International Journal of Oncology 43: 1036-1044, and International Journal of Oncology 43: 1833-1845
64. Hardell, L. et al .2014, **Mobile phone & cordless phone use and the risk for glioma - Analysis of pooled case-control studies in Sweden, 1997-2003/2007-2009.**Vol22, Is.1, p1-13, Pathophysiology
65. Hardell L. and Carlberg M. 2015, **Mobile phone and cordless phone use and the risk of glioma-analysis of pooled case-control studies in Sweden, 1997-2003 and 2007-2009.** Pathophysiology 22(1): 1-13).
66. Hardell Lennart, Carlberg Michael, MSc, Cartel Lenard Bionitiative Report 2012, Supplement 2017, **Use of Wireless Phones and Evidence for Increased Risk of Brain Tumors**
67. Hardell, L. (2017), **Effects of Mobile Phones on Children's and Adolescents' Health: Commentary.** Child Dev. doi:10.1111/cdev.12831
68. Hardell L, Redmayne M. & Johansson O.(2017) Journal of Toxicology and Environmental Health, Part B: **Critical Reviews** , pages 247-258
69. Hardell L. **World Health Organization, radiofrequency radiation and health - a hard nut to crack** (review) Int J Oncol. 2017;51:405-413. doi:10.3892/ijo.2017.4046.
70. Hardell L, Carlberg. M, **Comments on the US National Toxicology Program technical reports on toxicology and carcinogenesis study in rats exposed to whole-body radiofrequency radiation at 900 MHz and in mice exposed to whole-body radiofrequency radiation at 1,900 MHz,** Int J Oncol.2019; 54: 117-127, Published online on: October 24, 2018 <https://doi.org/10.3892/ijo.2018.4606>
71. Havas M. **When theory and observation collide: Can non-ionizing radiation cause cancer?** Environ Pollut.2017;221:501-505. doi: 10.1016/j.envpol.2016.10.018
72. Hecht Karl. 2016 **Health Implications of Long-Term Exposures to Electromog.** Brochure 6 of A Brochure Series of the Competence Initiative for the Protection of Humanity, the Environment and Democracy. http://kompetenzinitiative.net/KIT/wpcontent/uploads/2016/07/KI_Brochure-6_K_Hecht_web.pdf
73. Hedendahl Lena, Carlberg Michael and Hardell Lennart 2015, **Electromagnetic hypersensitivity - an increasing challenge to the medical profession,** DOI

- 10.1515/reveh-2015-0012, Received June 29, 2015; accepted August 17, 2015 Rev Environ Health
74. Hensinger P. **Big data: A paradigm shift in education from personal autonomy to conditioning toward excessive consumerism.** Umwelt-Medizin-Gesellschaft. 2015;28:206-213.
 75. Herbert M, Sage C. **Findings in autism (ASD) consistent with electromagnetic fields (EMF) and radiofrequency radiation (RFR).** In: Sage C, Carpenter D., eds. Biointiative Report: A Rationale for a Biologically-Based Public Exposure Standard for Electromagnetic Radiation. Sec. 20. Sage Associates; 2012. http://www.biointiative.org/report/wp-content/uploads/pdfs/sec20_2012_Findings_in_Autism.pdf. Accessed June 29, 2018.
 76. Herbert R.M. and Sage C. 2013, **Autism and EMF? Plausibility of a pathophysiological link-Part I** , Pathophysiology 20 (2013) 191-209
 77. Herbert R.M. and Sage C. 2013, **Autism and EMF? Plausibility of a pathophysiological link part II** Pathophysiology 20, 211-234
 78. [House of Delegates Resolution Wireless Standards Reevaluation 2014.](#) California Medical Association, 2014.
 79. Houston, B.J., et al. ["The effects of radiofrequency electromagnetic radiation on sperm function."](#) *Reproduction*, vol. 152, no. 2, 2016, pp. R263-66. <http://www.reproductiononline.org/content/152/6/R263.long> Accessed June 17, 2018.
 80. **IARC/WHO (May 2011)** on radio frequency radiation classified as class 2B possible carcinogen, www.iarc.fr/en/media.../2011/.../pr208.
 81. **IARC/ WHO 2011, monograph on carcinogenicity of EMF** , V 102, 2011 Non-Ionizing radiation, Part II: Radiofrequency Electromagnetic Fields [Includes Mobile Phones], Risks to humans ,
 82. **IARC Press release** No 208, 2011 on Non-ionizing radiation, Part 2: Radiofrequency electromagnetic fields Volume 102. Non-Ionizing Radiation, Part 2: Radiofrequency Electromagnetic Fields. 2011. Available at: <https://monographs.iarc.fr/iarc-monographs-on-the-evaluation-of-carcinogenic-risks-to-humans-14/>
 83. IARC Working Group on the Evaluation of Carcinogenic Risks to Humans. Non-ionizing radiation, Part 2: Radiofrequency electromagnetic fields. IARC monographs on the evaluation of carcinogenic risks to humans 2011, 102(Pt 2), 1-460.
 84. IARC Advisory Committee on priorities for evaluation/reevaluation of carcinogenicity,(2019) *Lancet Oncology* Vol 20, www.thelancet.com/oncology
 85. **International appeal: scientists call for protection from non-ionizing electromagnetic field exposure.** **International EMF Scientist Appeal** website. <https://emfscientist.org/index.php/emf-scientist-appeal>. Published May 11, 2015. Accessed June 10, 2018. As of March 2018, 237 EMF scientists from 41 nations had signed the Appeal
 86. **International Appeal: Stop 5G on Earth and in Space**

87. [International Policy Briefing: Radiofrequency Radiation in Communities and Schools Actions by Governments, Health Authorities and Schools Worldwide.](#) Environmental Health Trust, 2017.
88. Josh del Sol. Brussels Becomes First Major City to Halt 5G Due to Health Effects. Global Research, 2019. Available at: <https://www.globalresearch.ca/brussels-first-major-city-halt-5g-due-health-effects/5673606>
89. Kane R. C., A, **Possible Association Between Fetal/neonatal Exposure to Radiofrequency Electromagnetic Radiation and the Increased Incidence of Autism Spectrum Disorders (ASD)**, "Medical Hypotheses" journal, Volume 62, Issue 2 , February 2004, Pages 195-197
90. Hecht K., **Health Implications of Long-term Exposure to Electrosmog. Competence Initiative for the Protection of Humanity, the Environment and Democracy.** 2016: 16, 42-46. http://kompetenzinitiative.net/KIT/wp-content/uploads/2016/07/KI_Brochure-6_K_Hecht_web.pdf Accessed June 20, 2018.
91. Lai (2017), **Review 2012,2014,2017 of peer review studies on impact of EMF/RFR**, Bionitative Report. summary of studies
92. Lai H.(2019) **Percent Comparison Showing Effect vs No Effect in Comet Assay and Free Radical (Oxidative Effects) Studies (RFR and Static Field/ELF-EMF)**, BioInitiative Report Research Summaries Updates, December 2017 and April, 2019, Chapter 6, **Genotoxic Effects and Percent Comparison Showing Effect vs No Effect in Neurological Effect Studies**, BioInitiative Report Research Summaries Update, April, 2019, Chapter 8, Neurological Effects
93. Li D-K, Chen H, Odouli R. **Maternal exposure to magnetic fields during pregnancy in relation to the risk of asthma in offspring.** Arch Pediatr Adolesc Med. 2011;165(10):945-950. <https://jamanetwork.com/journals/jamapediatrics/fullarticle/1107612> Accessed June 29, 2018.
94. Lin, JC. **"Clear evidence of cell-phone RF radiation cancer risk"** IEEE Microwave Magazine, Sept/Oct 2018, pp 16-24.
95. Mahmoudabadi, Ziaei, et al. Journal of Environmental Health Science and Engineering 13:34 (2015). **Use of Mobile Phone During Pregnancy and the Risk of Spontaneous Abortion.**
96. Mallery-Blythe Erica: **"EHS A Summary"** Dec 2014 Working Draft Version 1
97. Markov M, Grigoriev Y. **Wi-Fi technology: An uncontrolled global experiment on the health of mankind**, Electromagn Biol Med. 2013;32(2):200-208. [http://www.avaate.org/IMG/pdf/Wi-fi_Technology - An Uncontrolled Global Experiment on the Health of Mankind - Marko Markov Yuri G. Grigoriev.pdf](http://www.avaate.org/IMG/pdf/Wi-fi_Technology_-_An_Uncontrolled_Global_Experiment_on_the_Health_of_Mankind_-_Marko_Markov_Yuri_G._Grigoriev.pdf) . Accessed June 23, 2018.
98. Markovà E, Malmgren LO, Belyaev IY. **Microwaves from mobile phones inhibit 53BP1 focus formation in human stem cells more strongly than in**

- differentiated cells: Possible mechanistic link to cancer risk.** Environ Health Perspect. 2010;118:394-399. [[PMC free article](#)] [[PubMed](#)]
99. Martin L. Pall , **Wi-Fi is an important threat to human health**, 2018
100. Matsuzawa, J .M. Matsui, T. Konishi, K. Noguchi, R. C. Gur, W. Bilker, and T. Miyawaki, "**Age-related volumetric changes of brain gray and white matter in healthy infants and children**", *Cerebral Cortex* vol. 11, no. 4, pp. 335-342, Apr. 2001
101. **Medical Rules (ten rules) for a Safer Use of Mobile Phones.** Vienna Medical Association, 2016.
102. Miller A. Morgan L. Udasin I. Davis Lee D. (2018) "**Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102)** Environmental Research Volume 167, November 2018, Pages 673-683, <https://doi.org/10.1016/j.envres.2018.06.043>**Get rights and content.** Available online 6 September 2018
103. Morgan L. Lloyd, Kesari Santosh, Lee Davis Devra, 2014, **Review Article Why children absorb more microwave radiation than adults: The consequences**, Journal of Microscopy and Ultrastructure, p.197-204) .
104. Morgan L.L et al, (May 2015) **Mobile phone radiation causes brain tumors and should be classified as a probable human carcinogen (2A) (Review)**, Int J Oncol. 2015 May;46(5):186571,doi: 10.3892/ijo.2015.2908. Epub 2015 Feb 25
105. Narayanan SN, Kumar RS, Potu BK, Nayak S, Mailankot M. **Spatial memory performance of Wistar rats exposed to mobile phone.** Clinics. 2009;64(3):231-234. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2666459> Accessed June 17, 2018
106. Nicosia Declaration on Electromagnetic Fields/Radiofrequencies (2017), common Position of the Cyprus Medical Association, the Vienna/Austrian Medical Chambers and the Cyprus National Committee on Environment and Children's Health
107. [NTP Press Release: NTP Cell Phone Radiofrequency Radiation Study: Partial Release of Findings 2016](#)
108. [NTP Report of Partial findings from the NTP Carcinogenesis Studies of Cell Phone Radiofrequency 2016 NTP/NIEHS Webpage on Cell Phones](#)
109. NTP TR 595: NTP technical report on the toxicology and carcinogenesis studies in Hsd: Sprague Dawley SD rats exposed to whole-body radio frequency radiation at a frequency (900 MHz) and modulations (GSM and CDMA) used by cell phones. National Toxicology Program, US Department of Health and Human Services, 2018
110. **Organization for Economic Co-operation and Development (OECD), Students, Computers and Learning, Making the Connection**
<http://www.oecd.org/education/students-computers-and-learning-9789264239555-en.htm>
111. Odaci, et al. Neuro Quantology Volume 11, Issue 4: 573-581 (2013). .
112. Ozorak A. et al, 2013. **Wi-Fi (2.45 GHz)- and mobile phone (900 and 1800 MHz)- induced risks on oxidative stress and elements in kidney and testis of rats during pregnancy and the development of offspring.** Biol. Trace Elem. Res. 156(103): 221-29. <http://www.ncbi.nlm.nih.gov/pubmed/24101576>.

113. Pall M., 2018., "Wi-Fi is an important threat to human health"
Environmental Research 164, 405-416
114. Pall M. , 2018, **5G: Great risk for EU, U.S. and international health: Compelling evidence for eight distinct types of great harm caused by electromagnetic field (EMF) exposures and the mechanism that causes them.** European Academy for Environmental Medicine.
http://www.5gappeal.eu/wpcontent/uploads/2018/06/pall_2018.pdf Published May 2018. Accessed June 22, 2018.
115. Panagopoulos. D , 2019, **Chromosome damage in human cells induced by UMTS mobile telephony radiation** Gen. Physiol. Biophys. (2019), **38**, 445-454
116. Parliamentary Assembly of the Council of Europe, **Resolution 1815 (2011).**The potential dangers of electromagnetic fields and their effect on the environment
117. **Proposition de Loi relative à la sobriété, à la transparence, à l'information et à la concertation en matière d'exposition aux ondes électromagnétiques**, 29 janvier 2015.
118. Redazione, La. "[International Appeal: Scientists call for protection from non-ionizing electromagnetic field exposure.](#)" *European Journal of Oncology* 20.3/4 (2015): 180-182.
119. Redmayne M, Smith E, Abramson MJ (2013). The relationship between adolescents' well-being and their wireless phone use: a cross-sectional study. *Environmental Health*. 2013;12(90).
120. Redmayne Mary, Johansson Olle 2014. **Could myelin damage from RF exposure explain functional impairment and EHS; A review of evidence** Journal of Toxicology and Environmental Health, Part B, 17:247-258.
121. Redmayne Mary, Johansson Olle 2015, **Radiofrequency exposure in young and old: different sensitivities in light of age-relevant natural differences.**" *Reviews in Environmental Health*, vol. 30, no. 4, pp. 323-35.
122. Redmayne, Mary. "[International policy and advisory response regarding children's exposure to radio frequency electromagnetic fields \(RF-EMF\).](#)" *Electromagnetic Biology and Medicine*, vol. 35, no. 2, 2016, pp. 176-85.
123. **Reykjavik Appeal on Wireless Technology in Schools Feb 2017 | ES**
<https://es-ireland.com/.../feb-2017-reykjavik-appeal-on-wireless-technology-in-school...><https://www.wirelesseducation.org/reykjavik-appeal-no-wi-fi-schools>
124. Robert C.K. 2004, **Radiofrequency Electromagnetic radiation and the increase of incidence of Autism Spectrum Disorders (ASD)** J of Medical Hypotheses, Volume 62, Issue 2 ,pages 195-197
125. Roser K, Schoeni A, Foerster M, Rössli M. **Problematic mobile phone use of Swiss adolescents: Is it linked with mental health or behaviour?** Int J Public Health. 2016;61:307-315. doi: 10.1007/s00038-015-0751-2. [[PubMed](#)] [[CrossRef](#)]
126. Rusian NCNIRPQ, **the letter to WHO** 3rd March, 2017 , **International EMF Project;**
http://www.radiationresearch.org/images/RRT_articles/2017_03_01_WHO.pdf

127. Russel .L. C. 5G wireless telecommunications expansion: Public Health and Environmental implication, 2018, Environmental Research, V 165, pg 484-495
128. **Safe Schools 2012**
<http://www.wifiinschools.org.uk/resources/safeschools2012.pdf>,
129. Salford LG, Brun AE, Eberhardt JL, Malmgren L, Persson BRR. **Nerve cell damage in mammalian brain after exposure to microwaves from GSM mobile phones.** Environ Health Perspect. 2003;111(7):881-883.
<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241519/pdf/ehp0111-000881.pdf>
 Accessed June 17, 2018
130. Sage C, Carpenter D., eds. **BioInitiative Report: A Rationale for a Biologically-Based Public Exposure Standard for Electromagnetic Radiation.** Sage Associates; 2012. www.bioinitiative.org. Accessed June 10, 2018. The 1,470-page BioInitiative Report, authored by an international group of 29 experts, has reviewed more than 1,800 new studies and is continually updated.
131. Sage, C. and Burgio, E. (2017), **Electromagnetic Fields, Pulsed Radiofrequency Radiation, and Epigenetics: How Wireless Technologies May Affect Childhood Development..** Child Dev. doi:10.1111/cdev.12824 n
<https://www.ncbi.nlm.nih.gov/pubmed/28504324>
132. Sangün Ö, DüNDAR B, Çömlekçi S, Büyükgebiz A. **The effects of electromagnetic field on the endocrine system in children and adolescents.** Pediatr Endocrinol Rev. 2015;13:531-545. [PubMed]
133. Schaeffers At. , Teuchert-Noodt, G **Developmental neuroplasticity and the origin of neurodegenerative diseases, review.** [World J Biol Psychiatry.](#) 2016 Dec;17(8):587-599. Epub 2013 May 24
134. Sekeroglu A.Z. et al, 2013. **Evaluation of the cytogenotoxic damage in immature and mature rats exposed to 900 MHz radiofrequency electromagnetic fields.** Int J Radiat Biol 89(11): 985-992
<http://www.ncbi.nlm.nih.gov/pubmed/22465825>,
135. Schreier N, Huss A, Rösli M. **The prevalence of symptoms attributed to electromagnetic field exposure: A cross-sectional representative survey in Switzerland.** Soz Präventiv med. 2006;51(4):202-209. doi:10.1007/s00038-006-5061-2. Accessed July 16, 2018.
136. Siegel, D. et al "Incidence Rates and Trends of Pediatric Cancer US 2001-2014" <https://www.cdc.gov/eis/conference/dpk/Incidence-Rates-Pediatric-Cancer.html>
137. Smith-Roe SL, Wyde ME, Stout MD, Winters JW, Hobbs CA, Shepard KG, et al. 2017. **Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure.** Environmental Mutagenesis and Genomics Society, Annual Meeting, Raleigh, North Carolina, USA September 9-13, 2017
138. Sowell E. R. **Cortical abnormalities in children and adolescent with attention-deficit hyperactivity disorder.** Lancet 362, 1699-707 (2003). [PubMed]

139. Spitzer M. **Information technology in education: Risks and side effects**. Trends Neurosci Educ. 2014;3:81-85. doi: 10.1016/j.tine.2014.09.002. [[CrossRef](#)]
140. Steliarova- Foucher Eva et al **Changing geographical patterns and trends in cancer incidence in children and adolescents in Europe, 1991-2010** Lancet Oncology Volume 19 issue 9 , P1159-1169, Sept. 18 Open Access Published: August 08, 2018 • DOI: [https://doi.org/10.1016/S1470-2045\(18\)30423-6](https://doi.org/10.1016/S1470-2045(18)30423-6)
141. Steliarova-Foucher Eva et al " **International incidence of childhood cancer, 2001-10: a population-based registry study** www.thelancet.com/oncology Vol 18 June
142. Sudan Madhuri et al 2012, **Prenatal and Postnatal Cell Phone Exposures and Headaches in Children**, (*The Open Paediatric Medicine Journal*, 6, 46-52),
143. The Joint Statement on Pregnancy and Wireless technology, www.babysafeproject.org/joint-statement.html
144. Thornton Ian M. Out of time 2006: **A possible link between mirror neurons, autism and electromagnetic radiation**, Medical Hypotheses (2006) 67, 378-382 : <http://ianthornton.com/publications/>
145. Tok L. et al, 2014. **Effects of melatonin on Wi-Fi-induced oxidative stress in lens of rats**. Indian Journal of Ophthalmology 62(1): 12-15. <http://www.ncbi.nlm.nih.gov/pubmed/24492496>),
146. [Video of Presentation by NTP at NIEHS June 2016 on the Study Findings](#)
147. Wargo, John, et al. "[Cell Phones: Technology, Exposures, Health Effects](#)" Environment and Human Health, Inc., 2011.
148. West [John G.](#), ¹ [Nimmi S. Kapoor](#), ^{1,*} [Shu-Yuan Liao](#), ² [June W. Chen](#), ³ [Lisa Bailey](#), ⁴ and [Robert A. Nagourney](#) **Multifocal Breast Cancer in Young Women with Prolonged Contact between Their Breasts and Their Cellular Phones**, [Case Rep Med](#). 2013; 2013: 354682. Published online 2013 Sep 18. doi: [10.1155/2013/354682](https://doi.org/10.1155/2013/354682) PMID: [24151509](https://pubmed.ncbi.nlm.nih.gov/24151509/)
149. WHO Fact sheet N°193 2014,
150. WHO modules 2011 Developmental Origins of Health & Disease
151. WHO 2017, **Press release 251, Latest data show a global increase of 13% in childhood cancer incidence over two decades**
152. **Wi-Fi banned from pre-school childcare facilities: French government**, Jan. 2015 http://www.naturalnews.com/043695_electrosensitivity_wifi_french_government.html
153. [Wifi Radiation in Schools in Maryland Final Report](#), 2016
154. Wilke I. [Biological and pathological effects of 2.45 GHz radiation on cells, fertility, brain, and behavior](#). umwelt • medizin • gesellschaft 2018; 31 (1) Suppl: 1-32
155. Wyde, Michael, et al. "[Report of Partial findings from the National Toxicology Program Carcinogenesis Studies of Cell Phone Radiofrequency Radiation in Hsd: Sprague Dawley® SD rats \(Whole Body Exposure\)](#)." *bioRxiv*, no. 055699, 2016.
156. Yakymenko I., et al 2015. **Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation**, , Review, Electromagn Biol Med, Early Online: 1-

- 16 <http://informahealthcare.com/ebm>, ISSN: 1536-8378 (print), 1536-8386 (electronic)
157. Yakymenko I, Tsybulin O, Sidorik E, Henshel D, Kyrylenko O, Kyrylenko S. **Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation.** *Electromagn Biol Med.* 2016;35(2):186-202.doi: 10.3109/15368378.2015.1043557
158. Yang M, Guo WW, Yang CS, Tang JQ, Huang Q, Feng SX, Jiang AJ, Xu XF, Jiang G. Mobile phone use and glioma risk: A systematic review and meta-analysis. *PLoS One.* 2017; 12(5): e0175136. Published online 2017 May 4. doi: 10.1371/journal.pone.0175136
159. Volkow ND, Tomasi D, Wang G-J, et al. **Effects of cell phone radiofrequency signal exposure on brain glucose metabolism.** *JAMA.* 2012;305(8):808-813. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3184892> . Accessed June 17, 2018.
160. Zothansiam, Zosangzuali M, Lalramdinpuii M, Jagetia GC. **Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations.** *Electromag Biol Med.* 2017;36(3):295-305. doi: 10.1080/15368378.2017.1350584.
161. Zwamborn A, Vossen S, van Leersum B, Ouwens M, Mäkel W. **Effects of Global Communication system radio-frequency fields on Well Being and Cognitive Functions of human subjects with and without subjective complaints.** TNO Report FEL-03-C148. The Hague: TNO Physics and Electronics Laboratory; 2003. http://www.milieugezondheid.be/dossiers/gsm/TNO_rapport_Nederland_sept_2003.pdf Accessed June 16, 2018..

Compiled by Dr Stella Canna Michaelidou