

MAIN REFERENCES ON BIOLOGICAL EFFECTS OF EMF/RF ON HEALTH

also related to the Nicosia Declaration 2017, Last updated February 2021

1. Adams, J. A., Galloway, T. S., Mondal, D., Esteves, S. C., & Mathews, F. (2014). **Effect of mobile telephones on sperm quality: A systematic review and meta-analysis.** *Environment International*, 70, pp. 106-112. <https://doi.org/10.1016/j.envint.2014.04.015>
2. Aldad, T.S., Gan, C., Gao, X.B., & Taylor, S.H. (2012). **Fetal Radiofrequency Radiation Exposure From 800-1900 Mhz-Rated Cellular Telephones Affects Neurodevelopment and Behavior in Mice.** *Scientific Reports*, 2:312. [doi: 10.1038/srep00312](https://doi.org/10.1038/srep00312)
3. American Academy of Environmental Medicine (AAEM). (2012). **Recommendations Regarding Electromagnetic and Radiofrequency Exposure.** By: Dean, A.L., & Rea, W.J. (Available at: <https://www.house.mi.gov/sessiondocs/2013-2014/testimony/Committee237-12-2-2014-56.pdf> (page 9-11)) [Accessed August 20, 2019]
4. American Academy of Pediatrics (AAP). (2013). **Children, Adolescents, and the Media,** *Pediatrics*, 132, pp. 958.
5. American Academy of Pediatrics (AAP). (2016a). **AAP responds to study showing link between cell phone radiation, tumors in rats.** *AAP News* (Available at: <http://www.aappublications.org/news/2016/05/27/Cancer052716>)
6. American Academy of Pediatrics (AAP). (2016b). **Media Use in School-Aged Children and Adolescents.** *Pediatrics*, 138(5).
7. American Academy of Pediatrics (AAP). (2019). **Selecting Appropriate Toys for Young Children in the Digital Era,** *Pediatrics*, 143(1).
8. American Association for Justice. (2013). **Letter to the Federal Communications Commission: Reassessment of Exposure to Radiofrequency Electromagnetic Fields Limits and Policies (Docket No. FCC-2013-0204).** (Available at: <https://ecfsapi.fcc.gov/file/7520942173.pdf>) [Accessed April 1st, 2017].
9. ANSES. (2016). Opinion of the French Agency for food, Environmental and Occupational Health Safety on the **"Exposition des enfants aux radiofréquences: pour un usage modéré et encadré des technologies sans-fil"**. (Available at: <https://www.anses.fr/fr/content/exposition-des-enfants-aux-radiofr%C3%A9quences-pour-un-usage-mod%C3%A9r%C3%A9-et-encadr%C3%A9-des-technologies>)
10. 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"**. ANSES/PR1/9/01-06 [version e] code Ennov: ANSES/FGE/0037. (Available at: <https://www.anses.fr/en/system/files/AP2013SA0038EN.pdf>)

11. Atasoy H.I., Gunal, M.Y., Atasoy, P., Elgun, S., & Bugdayci, G. (2013). **Immunohistopathologic demonstration of deleterious effects on growing rat testes of radiofrequency waves emitted from conventional Wi-Fi devices.** *Journal of Pediatric Urology*, 9(2):223-229. (Available at: <https://pubmed.ncbi.nlm.nih.gov/22465825/>) Doi: <https://doi.org/10.1016/j.jpurol.2012.02.015>
12. Austrian Medical Association. (2012). **EMF Guidelines 2012.** (Available at: <https://www.magdahavas.com/wp-content/uploads/2012/06/Austrian-EMF-Guidelines-2012.pdf>)
13. Austrian Medical Association. (2018). **EMF Guidelines 2018 (Guidelines for the diagnosis and treatment of EMF-related health problems and illnesses (EMF Syndrome) Consensus paper of the Austrian Medical Association's EMF Working Group (AG-EMF).**
14. Avendaño, C., Mata, A., Sanchez, C.A.S., & Doncel, G.F. (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), pp. 39-45.e2. <https://doi.org/10.1016/j.fertnstert.2011.10.012>
15. Bandara, P., & Carpenter, D.O. (2018). **Planetary electromagnetic pollution: It is time to assess its impact.** *The Lancet Planetary Health*, 2(12), e512-e514. [https://doi.org/10.1016/S2542-5196\(18\)30221-3](https://doi.org/10.1016/S2542-5196(18)30221-3)
16. Bandara, P., & Weller, S. (2018). **Cardiovascular disease: Time to identify emerging environmental risk factors.** *European Journal of Preventive Cardiology*, 24(17), pp. 1819-1823. [doi/10.1177/2047487317734898](https://doi.org/10.1177/2047487317734898)
17. Beland, L.-P., & Murphy, R. (2015). **Ill Communication: Technology, Distraction & Student Performance.** *Centre of Economic Performance London School of Economics and Politics*, Discussion paper No 1350, ISSN: 2042-2695. <https://doi.org/10.1016/j.labeco.2016.04.004>
18. Bellieni, V., & Pinto, I. (2012). **Section 19: Fetal and Neonatal Effects of EMF.** In *BioInitiative 2012*. (Available at: https://bioinitiative.org/wp-content/uploads/pdfs/sec19_2012_Fetal_neonatal_effects_EMF.pdf) [Accessed April 1st, 2017].
19. Belpomme, D., Hardell, L., Belyaev, I., Burgio, E., & Carpenter, D.O. (2018). **Thermal and non-thermal health effects of low intensity non-ionizing radiation: An international perspective.** *Environmental Pollution*, 242, pp. 643-658. <https://doi.org/10.1016/j.envpol.2018.07.019>
20. Belyaev, I., Dean, A., Eger, H., Hubmann, G., Jandrisovits, R., Kern, M., Kundi, M., Moshhammer, H., Lercher, P., Müller, K., Oberfeld, G., Ohnsorge, P., Pelzmann, P., Scheingraber, C., & Thill, R. (2016). **EUROPAEM EMF Guideline 2016 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses.** *Reviews on Environmental Health*, 31(3). <https://doi.org/10.1515/reveh-2016-0011>
21. Belyaev, I.Y. (2019). **Main regularities and Health Risks from exposure to non-thermal microwaves of mobile communication.** *14th International Conference on Advanced Technologies, Systems and Services in Telecommunications (TELSIKS), Serbia, Niš: IEEE.* (Available at:

<https://ecfsapi.fcc.gov/file/1124916224634/2019%20Belyaev%20Regularities%20Health%20%20%20%20Risks%20Non-Thermal%20Microwaves%20of%20Mobile%20Communication.pdf>

22. Belyaev, I.Y., Shcheglov, V.S., Alipov E.D., & Ushalov, V.D. (2000). **Nonthermal effects of extremely high frequency microwaves on chromatin conformation in cells in vitro-Dependence on physical physiological and genetic factors.** *IEEE Transactions on Microwave Theory and Techniques*, 48, pp. 2172-2179.
23. Bhargav, H., Srinivasan, T. M., Varambally, S., Gangadhar, B. N., & Koka, P. (2015). **Effect of Mobile Phone-Induced Electromagnetic Field on Brain Hemodynamics and Human Stem Cell Functioning: Possible Mechanistic Link to Cancer Risk and Early Diagnostic Value of Electronphonic Imaging.** *Journal of Stem Cells*, 10(4), 287-294. <https://doi.org/jsc.2015.10.4.287>
24. BioInitiative Working Group. (2012). **A Rationale for a Biologically-based Exposure Standard for Electromagnetic Fields (ELF and RF).** *BioInitiative 2012*, by Sage, C., & Carpenter, D.O. (Editors). (Available at: <http://www.bioinitiative.org/table-of-contents/>)
25. BioInitiative Working Group. (2014). **BioInitiative Report 2012 updated 2014 & supplement summary for the public.** *BioInitiative*, by Sage, C. (Co-Editor). (Available at: https://bioinitiative.org/wp-content/uploads/pdfs/sec01_2012_summary_for_public.pdf)
26. Birks, L., Guxens, M., Papadopoulou, E., Alexander, J., Ballester, F., Estarlich, M., Gallastegi, M., Ha, M., Haugen, M., Huss, A., Kheifets, L., Lim, H., Olsen, J., Santa-Marina, L., Sudan, M., Vermeulen, R., Vrijkotte, T., Cardis, E., & Vrijheid, M. (2017). **Maternal cell phone use during pregnancy and child behavioral problems in five birth cohorts.** *Environment International*, 104, pp. 122-131. <https://doi.org/10.1016/j.envint.2017.03.024>
27. Birks, L.E., Struchen, B., Eeftens, M., van Wel, L., Huss, A., Gajšek, P., Kheifets, L., Gallastegi, M., Dalmau-Bueno, A., Estarlich, M., Fernandez, M. F., Meder, I.K., Ferrero, A., Jiménez-Zabala, A., Torrent, M., Vrijkotte, T. G.M., Cardis, E., Olsen, J., Valič, B., ... Guxens, M. (2018). **Spatial and temporal variability of personal environmental exposure to radio frequency electromagnetic fields in children in Europe.** *Environment International*, 117, 204-214. <https://doi.org/10.1016/j.envint.2018.04.026>
28. Blackman C., & Forge, S. (2019). Report for the EU Parliament “**5G Deployment: State of play in Europe, USA & Asia**”. Requested by the European Parliament’s Committee on Industry, Research and Energy (ITRE) (Available at: [https://www.europarl.europa.eu/RegData/etudes/IDAN/2019/631060/IPO_L_IDA\(2019\)631060_EN.pdf](https://www.europarl.europa.eu/RegData/etudes/IDAN/2019/631060/IPO_L_IDA(2019)631060_EN.pdf))
29. Burrell, L. (2014). **WiFi banned from pre-school childcare facilities in a bold move by French government.** (Available at: http://www.naturalnews.com/043695_electrosensitivity_wifi_french_government.html)

30. Butler A. (2020). **Review of the Health Risks of Radiofrequency Radiation Employed in 5G Technology and the Implications for UK Policymaking.** University College Cork, Ireland. (Available at: <https://ecfsapi.fcc.gov/file/10604943924787/Prof-Tom-Butler-Submission-on-5G-RFR-Final-27-05-2020-1.pdf>) [Accessed February 8, 2021].
31. California Medical Association. (2014). **House of Delegates Resolution Wireless Standards Reevaluation 2014.** (Available at: <https://ehtrust.org/the-california-medical-association-wireless-resolution/>)
32. Calvente, I., Pérez-Lobato, R., Núñez, M.I., Ramos, R., Guxens, M., Villalba, J., Olea, N., & Fernández, M.F. (2016). **Does exposure to environmental radiofrequency electromagnetic fields cause cognitive and behavioral effects in 10-year-old boys?** *Bioelectromagnetics*, 37, pp. 25-36. doi: 10.1002/bem.21951 [[PubMed](#)] [[CrossRef](#)]
33. Carlberg, M., & Hardell, L. (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. doi: 10.3390/ijerph111010790
34. Carlberg, M., & Hardell, L. (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*, 2017: Article ID 9218486. DOI: 10.1155/2017/9218486
35. Castellanos, F.X. (2002). **Development trajectories of brain volume abnormalities in children and adolescents with attention-deficit/hyperactivity disorder.** *JAMA* 288, pp. 1740-48. [[PubMed](#)]
36. Castellanos, F.X., & Tannock, R. (2002). **Neuroscience of attention deficit/hyperactivity disorder: the search for endophenotypes.** *Nature Reviews Neuroscience* 3, pp. 617-28. doi: 10.1038/nrn896 [[PubMed](#)]
37. Çelik, Ö., Kahya, M.C., & Nazıroğlu M. (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), pp. 134-139. DOI: 10.1016/j.jchemneu.2015.10.005
38. Chang, A.M., Aeschbach, D., Duffy, J.F., & Czeisler, C.A. (2015). **Evening use of light-emitting e-Readers negatively affects sleep, circadian timing, and next-morning alertness.** *Proceedings of the National Academy of Science USA*, Doi: <https://doi.org/10.1073/pnas.1418490112> (Available at: <http://www.pnas.org/content/112/4/1232.abstract>)
39. Choi, Y.-J., Moskowitz, J. M., Myung, S.-K., Lee, Y.-R., & Hong, Y.-C. (2020). **Cellular Phone Use and Risk of Tumors: Systematic Review and Meta-Analysis.** *International Journal of Environmental Research and Public Health*, 17(21), 8079. <https://doi.org/10.3390/ijerph17218079>
40. Council on Communications and Media. (2011). **Media Use by Children Younger Than 2 Years.** *Pediatrics*, 128(5), pp. 1040-1045. <https://doi.org/10.1542/peds.2011-1753>

41. Cyprus Medical Association, Vienna/Austrian Medical Chambers & Cyprus National Committee on Environment and Children's Health. (2017). **Nicosia Declaration on Electromagnetic Fields/Radiofrequencies, common Position paper by the Cyprus Medical Association, the Vienna/Austrian Medical Chambers and the Cyprus National Committee on Environment and Children's Health.** (Available at: http://paidi.com.cy/wp-content/uploads/2019/05/Com-Pos-EN_-F.pdf) [Accessed August 5, 2019].
42. Dasdag, S., Taş, M., Akdag, M.Z., & Yegin, K. (2015). **Effect of long-term exposure of 2.4 GHz radiofrequency radiation emitted from Wi-Fi equipment on testes functions.** *Electromagnetic Biology and Medicine*, 34, pp. 37-42. doi: 10.3109/15368378.2013.869752. [[PubMed](#)] [[CrossRef](#)]
43. Davis, D. L., Kesari, S., Soskolne, C. L., Miller, A. B., & Stein, Y. (2013). **Swedish review strengthens grounds for concluding that radiation from cellular and cordless phones is a probable human carcinogen.** *Pathophysiology*, 20(2), pp. 123-129. <https://doi.org/10.1016/j.pathophys.2013.03.001>
44. De Iuliis, G. N., Newey, R. J., King, B. V., & Aitken, R. J. (2009). **Mobile Phone Radiation Induces Reactive Oxygen Species Production and DNA Damage in Human Spermatozoa In Vitro.** *PLoS ONE*, 4(7), e6446. <https://doi.org/10.1371/journal.pone.0006446>
45. Del Sol, J. (2019). **Brussels Becomes First Major City to Halt 5G Due to Health Effects.** *Global Research: Centre for Research on Globalization.* (Available at: <https://www.globalresearch.ca/brussels-first-major-city-halt-5g-due-health-effects/5673606>) [Accessed August 20, 2019].
46. Deshmukh, P. S., Nasare, N., Megha, K., Banerjee, B. D., Ahmed, R. S., Singh, D., Abegaonkar, M. P., Tripathi, A. K., & Mediratta, P. K. (2015). **Cognitive Impairment and Neurogenotoxic Effects in Rats Exposed to Low-Intensity Microwave Radiation.** *International Journal of Toxicology*, 34(3), pp. 284-290. <https://doi.org/10.1177/1091581815574348>
47. Dieudonné, M. (2020). **Electricomagnetic hypersensitivity: a critical review of explanatory hypotheses.** *Environmental Health*, 19:48.
48. Divan, H.A., Kheifets, L., Obel, C., & Olsen, J. (2010). **Cell phone use and behavioural problems in young children.** *Journal of Epidemiology and Community Health*, 66(6), pp. 524-529. doi: 10.1136/jech.2010.115402
49. Divan, H.A., Kheifets, L., Obel, C., & Olsen, J. (2018). **Prenatal and postnatal exposure to cell phone use and behavioural problems in children.** *Epidemiology*, 19, pp. 523-529. (Available at: http://www.wifiinschools.com/uploads/3/0/4/2/3042232/divan_08_prenatal_postnatal_cell_phone_use.pdf) [Accessed June 29, 2018].
50. Divan, J., Kheifets, L., & Olsen, J. (2011). **The Prenatal cell phone use and developmental milestone delays among infants.** *Scandinavian Journal of Work, Environment & Health*, 37(4), pp. 341-348. <https://www.jstor.org/stable/23064863>
51. Eghlidospour, M., Ghanbari, A., Mortazavi, S.M.J., & Azari, H. (2017). **Effects of radiofrequency exposure emitted from a GSM mobile phone on proliferation, differentiation, and apoptosis of neural stem cells.** *Anatomy*

- & *Cell Biology*. 50(2), pp. 115-123. doi: [10.5115/acb.2017.50.2.115](https://doi.org/10.5115/acb.2017.50.2.115) (Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5509895>) [Accessed June 17, 2018].
52. Environmental Health Trust. (2017). **International Policy Briefing: Radiofrequency Radiation in Communities and Schools Actions by Governments, Health Authorities and Schools Worldwide**. (Available at: <https://ehtrust.org/wp-content/uploads/International-Policy-Precautionary-Actions-on-Wireless-Radiation.pdf>) [Accessed June 16, 2018].
 53. Environmental Health Trust. (2019). **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/>) [Accessed August 20, 2019].
 54. European Parliament. (2009). **P6_TA(2009)0216: Report on health concerns associated with electromagnetic fields (2008/2211(INI))**, Committee on the Environment, Public Health and Food Safety, PE416.575 (Available at: <https://www.europarl.europa.eu/sides/getDoc.do?pubRef=-//EP//NONSGML+REPORT+A6-2009-0089+0+DOC+PDF+V0//EN>) [Accessed June 17, 2018].
 55. Falcioni, L., Bua, L., Tibaldi, E., Lauriola, M., De Angelis, L., Gnudi, F., Mandrioli, D., Manservigi, M., Manservigi, F., Manzoli, I., Menghetti, I., Montella, R., Panzacchi, S., Sgargi, D., Stollo, V., Vornoli, A., & Belpoggi, F. (2018). **Report of final results regarding brain and heart tumors in Sprague-Dawley rats exposed from prenatal life until natural death to mobile phone radiofrequency field representative of a 1.8 GHz GSM base station environmental emission**. *Environmental Research*, 165, pp. 496-503. <https://doi.org/10.1016/j.envres.2018.01.037>
 56. Fernández-Rodríguez, C.E., De Salles, A.A.A., & Davis, D.L. (2015). **Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation-The Relationship Between psSAR and Age**. *IEEE Access*, 3, pp. 2425-2430. <https://doi.org/10.1109/ACCESS.2015.2502900>
 57. Foster, K.R., & Chou, C.K. (2016). **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*, 4, pp. 5322-5326. (Available at: <https://ieeexplore.ieee.org/document/7579119/authors#authors>) [Accessed April 1st, 2017].
 58. Gandhi, O. P., Morgan, L. L., de Salles, A. A., Han, Y.-Y., Herberman, R. B., & Davis, D. L. (2012). **Exposure Limits: The underestimation of absorbed cell phone radiation, especially in children**. *Electromagnetic Biology and Medicine*, 31(1), pp.34-51. <https://doi.org/10.3109/15368378.2011.622827>
 59. Gandhi, O.P. (2015). **"Yes, the children are more exposed to radiofrequency energy from mobile telephones than adults"**. *IEEE Access*, 3, pp. 985-988.
 60. Gandhi, O.P., & Riaz, A. (1986). **Absorption of Millimeter Waves by Human Beings and its Biological Implications**. *IEEE Transactions on Microwave*

- Theory and Techniques*, 34(2), pp. 228-235.
<https://doi.org/10.1109/TMTT.1986.1133316>
61. German Academy of Pediatrics. (2001). "Keep Kids Away from Mobiles", *Microwave News*, 21(4), pp. 5.
 62. Glaser, Z. (1981). **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. (Available at: <http://www.cellphonetaskforce.org/wpcontent/uploads/2018/06/Zory-Glasers-index.pdf>) [Accessed June 26, 2018].
 63. Gluckman, P.D., Cutfield, W., Hofman, P., & Hanson, M.A. (2005). **The fetal, neonatal, and infant environments — The long-term consequences for disease risk**. *Early Human Development*, 81(1), pp. 51-59. <https://doi.org/10.1016/j.earlhumdev.2004.10.003>
 64. Goldsworthy A. (2012). **The Biological Effects of Weak Electromagnetic Fields**. *MCSA News*, 7(7).
 65. Grandjean, P. (2008). **Prenatal programming and toxicity**. *Basic and Clinical Pharmacology and Toxicology*, 102(2).
 66. Grigoriev Y. (2004). **Bioeffects of modulated electromagnetic fields in the acute experiments (results of Russian researches)**. *Annual Proceedings, Russian National Committee on Non-Ionizing Radiation Protection (RNCNIRP)*. pp. 16-73. (Available at: <http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=3854C6E5389F19561EA274E689D285B4?doi=10.1.1.494.6998&rep=rep1&type=pdf>) [Accessed June 17, 2018].
 67. Hallberg, Ö., & Oberfeld, G. (2006). **Letter to the Editor: Will We All Become Electrosensitive?** *Electromagnetic Biology and Medicine*, 25(3), pp. 189-191. <https://doi.org/10.1080/15368370600873377> (Available at: https://www.criirem.org/wp-content/uploads/2006/03/ehs2006_hallbergoberfeld.pdf) [Accessed June 22, 2018].
 68. Han, J., Cao, Z., Liu, X., Zhang, W., & Zhang, S. (2010). **Effect of early pregnancy electromagnetic field exposure on embryo growth ceasing**. *Wei Sheng Yan Jiu*. 39(3), pp. 349-52 (in Chinese) <https://www.ncbi.nlm.nih.gov/pubmed/20568468>
 69. Hardell, L. (2017). **World Health Organization, radiofrequency radiation and health—A hard nut to crack (Review)**. *International Journal of Oncology*, 51(2), pp. 405-413. <https://doi.org/10.3892/ijo.2017.4046>
 70. Hardell, L. (2018). **Effects of Mobile Phones on Children's and Adolescents' Health: A Commentary**. *Child Development*, 89(1), pp. 137-140. <https://doi.org/10.1111/cdev.12831>
 71. Hardell, L., & Carlberg, C. (2009). **Mobile phones, cordless phones and the risk for brain tumors**. *International Journal of Oncology*, 35(1), pp. 5-17. <https://www.spandidos-publications.com/ijo/35/1/5/>) [Accessed June 17, 2018].

72. Hardell, L., & Carlberg, M. (2013). **Hill criteria**. *Reviews of Environmental Health*, 28, pp. 97-106.
73. Hardell, L., & Carlberg, M. (2015). **Mobile phone and cordless phone use and the risk for glioma - Analysis of pooled case-control studies in Sweden, 1997-2003 and 2007-2009**. *Pathophysiology*, 22(1), 1-13. <https://doi.org/10.1016/j.pathophys.2014.10.001>
74. Hardell, L., & Carlberg, M. (2017). **Section 11: Use of Wireless Phones and Evidence for Increased Risk of Brain Tumors**. In *BioInitiative 2012, 2017 Supplement*. (Available at: https://bioinitiative.org/wp-content/uploads/2017/11/Hardell-2017-Sec11-Update-Use_of_Wireless_Phones.pdf)
75. Hardell, L., & Carlberg, M. (2018). **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**. *International Journal of Oncology*, 54(1), pp. 111-127. <https://doi.org/10.3892/ijo.2018.4606>
76. Hardell, L., & Carlberg, M. (2020). **Health risks from radiofrequency radiation, including 5G, should be assessed by experts with no conflicts of interest**. *Oncology Letters*, 20(4), pp. 15.
77. Hardell, L., Carlberg, M., Koppel, T., Nordströmd, M., & Hedendahl, K.L. (2020). **Central nervous system lymphoma and radiofrequency radiation - A case report and incidence data in the Swedish Cancer Register on non-Hodgkin lymphoma**. *Medical Hypotheses*, 144, 110052. <https://doi.org/10.1016/j.mehy.2020.110052>
78. Hardell, L., Carlberg, M., Söderqvist, F., & Mild, K. H. (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(6), pp. 1833-1845. <https://doi.org/10.3892/ijo.2013.2111>
79. Havas, M. (2017). **When theory and observation collide: Can non-ionizing radiation cause cancer?** *Environmental Pollution*, 221, pp. 501-505. <https://doi.org/10.1016/j.envpol.2016.10.018>
80. Hecht, K. (2016). **Health Implications of Long-term Exposure to Electrosmog**. *Effects of Wireless Communication Technologies: A Bruchure Series of the Competence Initiative for the Protection of Humanity, the Environment and Democracy e.V., Brochure 6*, 16, pp. 42-46. (Available at: https://kompetenzinitiative.com/wp-content/uploads/2019/08/KI_Brochure-6_K_Hecht_web.pdf) [Accessed June 20, 2018].
81. Hedendahl, L., Carlberg, M., & Hardell, L. (2015). **Electromagnetic hypersensitivity - an increasing challenge to the medical profession**. *Reviews on Environmental Health*, 30(4). <https://doi.org/10.1515/reveh-2015-0012>

82. Hedendahl, L.K., Carlberg, M., Koppel, T., & Hardell, L. (2017). **Measurements of Radiofrequency Radiation with a Body-Borne Exposimeter in Swedish Schools with Wi-Fi.** *Frontiers in Public Health*, 5, 279. <https://doi.org/10.3389/fpubh.2017.00279>
83. Hensinger, P. (2015). **Big data: A paradigm shift in education from personal autonomy to conditioning toward excessive consumerism.** *Umwelt-Medizin-Gesellschaft*, 28, pp. 206-213.
84. Herbert, M., & Sage, C. (2012). **Findings in autism (ASD) consistent with electromagnetic fields (EMF) and radiofrequency radiation (RFR).** In: *BioInitiative 2012: A Rationale for a Biologically-Based Public Exposure Standard for Electromagnetic Radiation: Section 20.* (Available at: http://www.bioinitiative.org/report/wp-content/uploads/pdfs/sec20_2012_Findings_in_Autism.pdf). [Accessed June 29, 2018].
85. Herbert, M.R., & Sage, C. (2013a). **Autism and EMF? Plausibility of a pathophysiological link - Part I.** *Pathophysiology*, 20(3), pp. 191-209. <https://doi.org/10.1016/j.pathophys.2013.08.001>
86. Herbert, M.R., & Sage, C. (2013b). **Autism and EMF? Plausibility of a pathophysiological link part II.** *Pathophysiology*, 20(3), pp. 211-234. <https://doi.org/10.1016/j.pathophys.2013.08.002>
87. Houston, B.J., Nixon, B., King, B.V., De Iuliis, G.N., & Aitken, R.J. (2016). **The effects of radiofrequency electromagnetic radiation on sperm function.** *Reproduction*, 152(6), pp. R263-R276. DOI: 10.1530/REP-16-0126
88. International Agency for Research on Cancer (IARC) Advisory Group (2019). **Advisory Group recommendations on priorities for the IARC Monographs.** By: Marques, M. M., Berrington de Gonzalez, A., Beland, F. A., Browne, P., Demers, P. A., Lachenmeier, D. W., Bahadori, T., Barupal, D. K., Belpoggi, F., Comba, P., Dai, M., Daniels, R. D., Ferreccio, C., Grigoriev, O. A., Hong, Y.-C., Hoover, R. N., Kanno, J., Kogevinas, M., Lasfargues, G., ... Guyton, K. Z. *The Lancet Oncology*, 20(6), 763-764. [https://doi.org/10.1016/S1470-2045\(19\)30246-3](https://doi.org/10.1016/S1470-2045(19)30246-3) (Available at: [https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045\(19\)30246-3/fulltext](https://www.thelancet.com/journals/lanonc/article/PIIS1470-2045(19)30246-3/fulltext) .
89. International Agency for Research on Cancer (IARC). (2011). **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*, 102(Pt 2), pp. 1-460. Lyon: International Agency for Research on Cancer (in press). (Available at: <https://publications.iarc.fr/Book-And-Report-Series/Iarc-Monographs-On-The-Identification-Of-Carcinogenic-Hazards-To-Humans/Non-ionizing-Radiation-Part-2-Radiofrequency-Electromagnetic-Fields-2013>).
90. International Agency for Research on Cancer (IARC). (2011). **Press Release No 208, 31 May 2011: IARC Classifies Radiofrequency Electromagnetic Fields as Possibly Carcinogenic to Humans.** (Available at:

https://www.iarc.who.int/wp-content/uploads/2018/07/pr208_E.pdf

[Accessed July 22, 2018].

91. International Agency for Research on Cancer (IARC). (2017). **Press release N° 251: Latest data show a global increase of 13% in childhood cancer incidence over two decades.** (Available at: https://iarc.who.int/wp-content/uploads/2018/07/pr251_E.pdf)
92. International Agency for Research on Cancer (IARC). (2019). **Advisory Group recommendations on priorities for IARC Monographs, *The Lancet Oncology*, 20(6).** DOI: [10.1016/S1470-2045\(19\)30246-3](https://doi.org/10.1016/S1470-2045(19)30246-3)
93. International Appeal (2015). **International Appeal: Scientists call for protection from non-ionizing electromagnetic field exposure.** By: Kelley, E., Blank, M., Lai, H., Moskowitz, J., & Havas, M. *European Journal of Oncology*. 20(3/4), pp. 180-182. (Available at: <https://emfscientist.org/index.php/emf-scientist-appeal>) [Accessed June 10, 2018] (*As of March 2018, 237 EMF scientists from 41 nations had signed the Appeal*).
94. International Appeal: Stop 5G on Earth and in Space. (2018). **International Appeal: Stop 5G on Earth and in Space.** (Available at: <https://www.5gspaceappeal.org/the-appeal/>).
95. International Doctors' Appeal (2012). **10 years after the Freiburger Appeal: Radio-frequency Radiation poses a health risk. Physicians demand overdue precaution.** (Available at: http://freiburger-appell-2012.info/media/International_Doctors_Appeal_2012_Nov.pdf) [Accessed June 10, 2018].
96. IGNIR. **International Guidelines on Non-Ionising Radiation (2018).** *IGNIR, 1.1.* (Available at: <http://www.es-uk.info/wp-content/uploads/2018/11/03.1-IGNIR-Guidelines-Issue-1.1-Oct.2018.pdf>)
97. **International Scientific Declaration on electromagnetic hypersensitivity and multiple chemical sensitivity (EHS & MCS),** Brussels 2015. (Available at: http://www.ehs-mcs.org/fichiers/1441982143_Statement_EN_DEFINITIF.pdf) [Accessed June 10, 2018].
98. Kane, R.C. (2004). **A possible association between fetal/neonatal exposure to radiofrequency electromagnetic radiation and the increased incidence of Autism Spectrum Disorders (ASD).** *Medical Hypotheses*, 62(2), 195-197. [https://doi.org/10.1016/S0306-9877\(03\)00309-8](https://doi.org/10.1016/S0306-9877(03)00309-8)
99. Kesari, K.K., Siddiqui, M.H., Meena, R., Verma, H.N., & Kumar, S. (2013). **Cell phone radiation exposure on brain and associated biological systems.** *Indian Journal of Experimental Biology*, 51(3), pp. 187-200. <https://www.ncbi.nlm.nih.gov/pubmed/23678539>
100. Koppel, T., Ahonen, M., Carlberg, M., Hedendahl, K.L., & Hardell, L. (2019). **Radiofrequency radiation from nearby mobile phone base stations-a case comparison of one low and one high exposure apartment.** *Oncology Letters*, 18(5), pp. 5383-5391. doi: 10.3892/ol.2019.10899
101. Kostoff, R.N., Heroux, P., Aschner, M., & Tsatsakis, A. (2020). **Adverse health effects of 5G mobile networking technology under real life conditions,**

- Toxicology Letters*, 323, pp. 15-40.
<https://doi.org/10.1016/j.toxlet.2020.01.020>
102. Lai, H. (2014). **Section 9: Neurological Effects of Non-Ionizing Electromagnetic Fields**. In *BioInitiative 2012, 2014 Supplement*. (Available at: https://bioinitiative.org/wp-content/uploads/pdfs/sec09_2012_Evidence_Effects_Neurology_behavior.pdf) [Accessed April 1st, 2017].
 103. Lai, H. (2017). **Research summaries: RFR research summary (1990-2017)**. In *BioInitiative 2012, 2017 Supplement*. (Available at: <https://bioinitiative.org/wp-content/uploads/pdfs/RFR12-14-researchSummary.docx>) [Accessed August 20, 2019].
 104. Lai, H. (2019a). **Percent Comparison Showing Effect vs No Effect in Comet Assay and Free Radical (Oxidative Effects) Studies (RFR and Static Field/ELF-EMF)**. In *BioInitiative Report Research Summaries Updates, December 2017 and April, 2019, Chapter 6: Genotoxic Effects*. (Available at: <https://ecfsapi.fcc.gov/file/10916151357910/Genotoxic%20studies-Percent-Graphic-Henry%20Lai%202019.pdf>) [Accessed August 20, 2019].
 105. Lai, H. (2019b). **Percent Comparison Showing Effect vs No Effect in Neurological Effect Studies**. In *BioInitiative Report Research Summaries Update, April, 2019, Chapter 8: Neurological Effects*. (Available at: <https://bioinitiative.org/wp-content/uploads/2019/05/Lai-Neuro-Percent-Graphic-2019.pdf>)
 106. Lerchl, A., Klose, M., Grote, K., Wilhelm, A.F.X., Spathmann, O., Fiedler, T., Streckert, J., Hansen, V., & Clemens, M. (2015). **Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans**. *Biochemical and Biophysical Research Communications*, 459(4), 585-590. <https://doi.org/10.1016/j.bbrc.2015.02.151>
 107. Levitt, B.B., & Lai, H. (2010). **Biological effects from exposure to electromagnetic radiation emitted by cell tower base stations and other antenna arrays**. *Environmental Reviews*, 18:369-395.
 108. Li, D.-K. (2011). **Maternal Exposure to Magnetic Fields During Pregnancy in Relation to the Risk of Asthma in Offspring**. *Archives of Pediatrics & Adolescent Medicine*, 165(10), pp. 945. <https://doi.org/10.1001/archpediatrics.2011.135>
 109. Li, Z., Zhang, Y., Wan, Y.-M., Zhou, Q., Liu, C., Wu, H.-X., Mu, Y.-Z., He, Y.-F., Rauniyar, R., & Wu, X.-N. (2020). **Testing of behavioral and cognitive development in rats after prenatal exposure to 1800 and 2400 MHz radiofrequency fields**. *Journal of Radiation Research*, 61(2), pp. 197-206. <https://doi.org/10.1093/jrr/rrz097>
 110. Lin, J. C. (2018). **Clear Evidence of Cell Phone RF Radiation Cancer Risk [Health Matters]**. *IEEE Microwave Magazine*, 19(6), 16-24. <https://doi.org/10.1109/MMM.2018.2844058>
 111. Mahmoudabadi, F.S., Ziaei, S., Firoozabadi, M., & Kazemnejad, A. (2015). **Use of mobile phone during pregnancy and the risk of spontaneous abortion**.

- Journal of Environmental Health Science and Engineering*, 13(1).
<https://doi.org/10.1186/s40201-015-0193-z>
112. Mallery, E.B. (2014). **Electromagnetic Hypersensitivity: A Summary by Dr Erica Mallery Blythe (Working Draft Version 1)**. (Available at [https://ecfsapi.fcc.gov/file/1070795887708/Dr_Erica_Mallery-Blythe_EHS_A_Summary_Working_Draft_Version_1_Dec_2014_for_EESC_Brussels_\(3\)%20\(1\).pdf](https://ecfsapi.fcc.gov/file/1070795887708/Dr_Erica_Mallery-Blythe_EHS_A_Summary_Working_Draft_Version_1_Dec_2014_for_EESC_Brussels_(3)%20(1).pdf))
 113. Markov, M., & Grigoriev, Y. (2013). **Wi-Fi technology: An uncontrolled global experiment on the health of mankind**. *Electromagnetic Biology and Medicine*, 32(2), pp. 200-208. (Available at: 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].
 114. Markovà, E., Malmgren, L.O.G., & Belyaev, I.Y. (2010). **Microwaves from Mobile Phones Inhibit 53BP1 Focus Formation in Human Stem Cells More Strongly Than in Differentiated Cells: Possible Mechanistic Link to Cancer Risk**. *Environmental Health Perspectives*, 118(3), 394-399. <https://doi.org/10.1289/ehp.0900781>
 115. Maryland Children's Environmental Health and Protection Advisory Council (2016). **Wifi Radiation in Schools in Maryland Final Report**. (Available at: https://phpa.health.maryland.gov/OEHFP/EH/Shared%20Documents/CEHPAC/MD_CEHPAC_SchoolWiFi_022017_final.pdf) [Accessed 22 June 2018].
 116. Matsuzawa, J., Matsui, M., Konishi, T., Noguchi, K., Gur, R.C., Bilker, W., & Miyawaki, T. (2001). **Age-related Volumetric Changes of Brain Gray and White Matter in Healthy Infants and Children**. *Cerebral Cortex*, 11(4), pp. 335-342. <https://doi.org/10.1093/cercor/11.4.335>
 117. Miller, A.B., Morgan, L.L., Udasin, I., & Davis, D.L. (2018). **Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102)**. *Environmental Research*, 167, pp. 673-683. <https://doi.org/10.1016/j.envres.2018.06.043>
 118. Miller, A.B., Sears, M.E., Morgan, L.L., Davis, D.L., Hardell, L., Oremus, M., & Soskolne, C.L. (2019). **Risks to Health and Well-Being From Radio-Frequency Radiation Emitted by Cell Phones and Other Wireless Devices (Review)**. *Frontiers in Public Health*, 7, 223. doi: 10.3389/fpubh.2019.00223
 119. Mohammed, B., Jin, J., Abbosh, A.M., Bialkowski, K. S., Manoufali, M., & Crozier, S. (2017). **Evaluation of children's exposure to electromagnetic fields of mobile phones using age-specific head models with age-dependent dielectric properties**. *IEEE Access*, 5:27345-27353. <https://doi.org/10.1109/ACCESS.2017.2767074>
 120. Moon, J.-H. (2020). **Health effects of electromagnetic fields on children**. *Clinical and Experimental Pediatrics*, 63(11), pp. 422-428. <https://doi.org/10.3345/cep.2019.01494>
 121. Morgan, L.L., Kesari, S., & Davis, D.L. (2014). **Why children absorb more microwave radiation than adults: The consequences (Review)**. *Journal of*

- Microscopy and Ultrastructure*, 2(4), pp. 197-204.
<https://doi.org/10.1016/j.jmau.2014.06.005>
122. Morgan, L.L., Miller, A.B., Sasco, A., & Davis, D.L. (2015). **Mobile phone radiation causes brain tumors and should be classified as a probable human carcinogen (2A) (Review)**. *International Journal of Oncology*, 46(5), 1865-1871. <https://doi.org/10.3892/ijo.2015.2908>
 123. Narayanan, S.N., Kumar, R.S., Potu, B.K., Nayak, S., & Mailankot, M. (2009). **Spatial memory performance of wistar rats exposed to mobile phone**. *Clinics*, 64(3). <https://doi.org/10.1590/S1807-59322009000300014>
 124. National Toxicology Program (NTP). (2016a). **NTP Toxicology and carcinogenicity studies of cell phone radiofrequency radiation**. Video of Presentation by the NTP at NIEHS on the Study Findings, June 2016. Presenter: Wyde, M. (Available at: <https://www.youtube.com/watch?v=m6Qs6mCvmZc>)
 125. National Toxicology Program (NTP). (2016b). **Press Release: NTP Cell Phone Radiofrequency Radiation Study: Partial Release of Findings 2016**. (Available at: <http://www.niehs.nih.gov/news/newsroom/releases/2016/may27/index.cfm>) [Accessed 22 June 2018].
 126. National Toxicology Program (NTP). (2018). **Technical Report 595: NTP technical report on the toxicology and carcinogenesis studies in Sprague Dawley (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*, 201 (Available at: https://ntp.niehs.nih.gov/ntp/htdocs/lt_rpts/tr595_508.pdf)
 127. Nazıroğlu, M., Kahya, M., Tök, Ö., Doğan, S., & Tök, L. (2014). **Effects of melatonin on Wi-Fi-induced oxidative stress in lens of rats**. *Indian Journal of Ophthalmology*, 62(1), pp. 12-15. <https://doi.org/10.4103/0301-4738.126166>
 128. Odacı, E., İkinci, A., Yıldırım, M., Kaya, H., Akça, M., Hancı, H., Sönmez, O. F., Aslan, A., Okuyan, M., & Baş, O. (2013). **The effects of 900 megahertz electromagnetic field applied in the prenatal period on spinal cord morphology and motor behavior in female rat pups**. *NeuroQuantology*, 11(4), pp. 573-581. <https://doi.org/10.14704/nq.2013.11.4.698>
 129. Ohayon, M.M., Stolc, V., Freund, F.T., Milesi, C., & Sullivan, S.S. (2019). **The potential for impact of man-made super low and extremely low frequency electromagnetic fields on sleep**. *Sleep Medicine Reviews*, 47, pp. 28-38. <https://doi.org/10.1016/j.smrv.2019.06.001>
 130. Organization for Economic Co-operation and Development (OECD). (2015). **Students, Computers and Learning, Making the Connection** (Available at: <http://www.oecd.org/education/students-computers-and-learning-9789264239555-en.htm>) [Accessed 1st April 2017].
 131. Ozorak, A., Nazıroglu, M., Celik, O., Yuksel, M., Ozcelik, D., Ozkaya, M.O., Cetin, H., Kahya, M.C., & Kose, S.A. (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. *Biological Trace Element Research*, 156(103), pp. 221-29. doi: 10.1007/s12011-013-9836-z
132. 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.** (Available at: <https://www.emfdata.org/en/documentations/detail&id=243>) [Accessed June 22, 2018].
 133. Pall, M. (2018). **Wi-Fi is an important threat to human health** *Environmental Research*, 164, pp. 405-416. <https://doi.org/10.1016/j.envres.2018.01.035>
 134. Panagopoulos, D., Johansson O., & Carlo G.L. (2015). **Polarization: a key difference between man-made and natural electromagnetic fields, in regard to biological activity**, *Scientific Reports*, 5, 14914. (Available at: <https://www.nature.com/articles/srep14914>)
 135. Panagopoulos, D.J. (2019a). **Chromosome damage in human cells induced by UMTS mobile telephony radiation.** *General Physiology and Biophysics*, 38(5). [Doi: 445-454 10.4149/gpb_2019032](https://doi.org/10.4149/gpb_2019032)
 136. Panagopoulos, D.J. (2019b). **Comparing DNA damage induced by mobile telephony and other types of man-made electromagnetic fields.** *Mutation Research/Reviews in Mutation Research*, 781, pp. 53-62. <https://doi.org/10.1016/j.mrrev.2019.03.003>
 137. Parliamentary Assembly of the Council of Europe. (2011). **Resolution 1815: The potential dangers of electromagnetic fields and their effect on the environment.** (Available at: <https://pace.coe.int/pdf/502c8303e94b6d391e0fd89e79b66b8dc6a3020b3326667a8259ffe25682ae848428feba12/resolution%201815.pdf>) [Accessed 17 June 2018].
 138. Philips, A. (2018). **Aggressive Brain Tumors on the Rise in England Rate of GBM More Than Doubled Between 1995 and 2015.** *Microwave News: A report on non-ionizing radiation.* (Available at: <https://microwavenews.com/news-center/gbms-rising-uk>) [Accessed 15 January 2021].
 139. Philips, A., Henshaw D.L., Lamburn G. and O'Carrol M. J. (2018). **Brain Tumours: Rise in Glioblastoma Multiforme Incidence in England 1995-2015 Suggests an Adverse Environmental or Lifestyle Factor.** *Journal of Environmental Public Health*, 2018, 7910754, pp. 1-10. [Doi: https://doi.org/10.1155/2018/7910754](https://doi.org/10.1155/2018/7910754)
 140. Ramirez-Vazquez, R., Gonzalez-Rubio, J., Arribas, E., & Najera, A. (2019). **Personal RF-EMF exposure from mobile phone base stations during temporary events.** *Environmental Research*, 175, 266-273. <https://doi.org/10.1016/j.envres.2019.05.033>
 141. Redazione, L. (2015). **International Appeal: Scientists call for protection from non-ionizing electromagnetic field exposure.** *European Journal of*

- Oncology and Environmental Health*, 20(3/4), pp. 180-182. (Available at: <https://www.mattioli1885journals.com/index.php/EJOEH/article/view/4971>) [Accessed 22 June 2018].
142. Redmayne, M. (2016). **International policy and advisory response regarding children's exposure to radio frequency electromagnetic fields (RF-EMF)**. *Electromagnetic Biology and Medicine*, 35(2), pp. 176-85. DOI: 10.3109/15368378.2015.1038832
 143. Redmayne, M., & Johansson, O. (2014). **Could myelin damage from radiofrequency electromagnetic field exposure help explain the functional impairment electrohypersensitivity? A review of the evidence**. *Journal of Toxicology and Environmental Health, Part B*, 17(5), 247-258. <https://doi.org/10.1080/10937404.2014.923356>
 144. Redmayne, M., & Johansson, O. (2015). **Radiofrequency exposure in young and old: different sensitivities in light of age-relevant natural differences**. *Reviews in Environmental Health*, 30(4), pp. 323-35.
 145. Redmayne, M., Smith, E., & Abramson, M.J. (2013). **The relationship between adolescents' well-being and their wireless phone use: A cross-sectional study**. *Environmental Health*, 12(1), 90. <https://doi.org/10.1186/1476-069X-12-90>
 146. République Française. (2015). **Official Bulletin: LOI n° 2015-136 du 9 février 2015 relative à la sobriété, à la transparence, à l'information et à la concertation en matière d'exposition aux ondes électromagnétiques** (In English: LAW No. 2015-136 of February 9, 2015 relating to sobriety, transparency, information and consultation in matters of exposure to electromagnetic waves). *Journal officiel de la République française*. (Available at: <https://www.senat.fr/dossier-legislatif/ppl13-310.html> and <https://www.legifrance.gouv.fr/jorf/id/JORFTEXT000030212642?r=g6b6DILLSd>)
 147. Reykjavik International Appeal on Wireless Technology in Schools. (2017). **Reykjavik Appeal on wireless technology in schools**. (Available at: <https://es-ireland.com/.../feb-2017-reykjavik-appeal-on-wireless-technology-in-school> and <http://www.stralskyddsstiftelsen.se/wp-content/uploads/2017/03/Reykjavik-Appeal-170224-2.pdf>) [Accessed 22 June 2018].
 148. Robert C.K. (2004). **Radiofrequency Electromagnetic radiation and the increase of incidence of Autism Spectrum Disorders (ASD)**. *Medical Hypotheses*, 62(2), pp. 195-197. doi: 10.1016/S0306-9877(03)00309-8
 149. Roser, K., Schoeni, A., Foerster, M., & Rösli, M. (2016). **Problematic mobile phone use of Swiss adolescents: Is it linked with mental health or behaviour?** *International Journal of Public Health*, 61, pp.307-315. [10.1007/s00038-015-0751-2](https://doi.org/10.1007/s00038-015-0751-2) [PubMed]
 150. Russell, C.L. (2018). **5G wireless telecommunications expansion: Public health and environmental implications**. *Environmental Research*, 165, pp. 484-495. <https://doi.org/10.1016/j.envres.2018.01.016>

151. Russian National Committee on Non-Ionizing Radiation Protection (RNCNIRP). (2017). **Letter to WHO, dated March 1, 2017: International EMF Project; unbalanced WHO working group (WG) on evaluation of health effects from radiofrequency (RF) radiation.** (Available at: https://www.radiationresearch.org/wp-content/uploads/2017/03/2017_03_01_WHO.pdf)
152. **Safe Schools 2012.** (2012). **Medical and scientific experts call for safe technologies in schools.** (Available at: <http://www.wifiinschools.org.uk/resources/safeschools2012.pdf>.)
153. Sagar, S., Dongus, S., Schoeni, A., Roser, K., Eeftens, M., Struchen, B., Foerster, M., Meier, N., Adem, S., & Roosli, M. (2017). **Radiofrequency electromagnetic field exposure in everyday microenvironments in Europe: A systematic literature review.** *Journal of Exposure Science and Environmental Epidemiology*, 28(2), pp. 147-160. [doi: 10.1038/jes.2017.13](https://doi.org/10.1038/jes.2017.13)
154. Sage, C., & Burgio, E. (2018). **Electromagnetic Fields, Pulsed Radiofrequency Radiation, and Epigenetics: How Wireless Technologies May Affect Childhood Development.** *Child Development*, 89(1), pp. 129-136. <https://doi.org/10.1111/cdev.12824>
155. Salford, L.G., Brun, A., Eberhardt, Malmgren, L., & Persson, B.R.R. (2003). **Nerve cell damage in mammalian brain after exposure to microwaves from GSM mobile phones.** *Environmental Health Perspectives*, 111(7), pp. 881-883. (Available at: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC1241519/pdf/ehp0111-000881.pdf>) [Accessed June 17, 2018].
156. Sangün, Ö., DüNDAR, B., Çömlekçi, S., & Büyükgebiz, A. (2015). **The effects of electromagnetic field on the endocrine system in children and adolescents.** *Pediatric Endocrinology Reviews*, 13(2), pp. 531-545. [[PubMed](#)]
157. Schaefers, A.T.U., & Teuchert-Noodt, G. (2013). **Developmental neuroplasticity and the origin of neurodegenerative diseases.** *The World Journal of Biological Psychiatry*, 17(8), pp. 587-599 <https://doi.org/10.3109/15622975.2013.797104>
158. Schreier, N., Huss, A., & Rössli, M. (2006). **The prevalence of symptoms attributed to electromagnetic field exposure: A cross-sectional representative survey in Switzerland.** *Sozial- Und Präventivmedizin SPM*, 51(4), 202-209. <https://doi.org/10.1007/s00038-006-5061-2>
159. Scientist 5G International Appeal. (2017). **Scientists warn of potential serious health effects of 5G.** (Available at: <https://ecfsapi.fcc.gov/file/1040566847805/Scientist-5G-appeal-2017.pdf>)
160. Sekeroglu A.Z., Akar, A., & Sekeroglu, V. (2013). **Evaluation of the cytogenotoxic damage in immature and mature rats exposed to 900 MHz radiofrequency electromagnetic fields.** *International Journal of Radiation Biology*, 89(11): 985-992. (Available at: <https://pubmed.ncbi.nlm.nih.gov/23718180/>) Doi: <https://doi.org/10.3109/09553002.2013.809170>

161. Shih, Y.-W., O'brien, A., Hung, C.-S., Chen, K.-H., Hou, W.-H., & Tsai, H.-T. (2020). **Exposure to radiofrequency radiation increases the risk of breast cancer: A systematic review and meta-analysis.** *Experimental and Therapeutic Medicine*, 21(1), 1-1. Doi: <https://doi.org/10.3892/etm.2020.9455>
162. Siegel, D.A., King, J., Tai, E., Buchanan, N., Ajani, U.A., & Li, J. (2014). **Cancer Incidence Rates and Trends Among Children and Adolescents in the United States, 2001-2009.** *Pediatrics*, 134(4), e945-e955. <https://doi.org/10.1542/peds.2013-3926>
163. Siervo, B., Morelli, M.S., Landini, L., & Hartwig, V. (2018). **Numerical evaluation of human exposure to WiMax patch antenna in tablet or laptop: Numerical Evaluation of Human Exposure to WiMax Antenna.** *Bioelectromagnetics*, 39(5), 414-422. <https://doi.org/10.1002/bem.22128>
164. Škorvaga, M., Durdík, M., Košík, P., Marková, E., Holop, M., Kubeš, M., Puškáčová, J., Kolenová, A., & Belyaev, I. (2018). **Backtracked analysis of preleukemic fusion genes and DNA repair foci in umbilical cord blood of children with acute leukemia.** *Oncotarget*, 9(27), 19233-19244. <https://doi.org/10.18632/oncotarget.24976>
165. Smith-Roe, S.L., Wyde, M.E., Stout, M.D., Winters, J.W., Hobbs, C.A., Shepard, K.G., Green, A.S., Kissling, G.E., Shockley, K.R., Tice, R.R., Bucher, J.R., & Witt, K.L. (2020). **Evaluation of the genotoxicity of cell phone radiofrequency radiation in male and female rats and mice following subchronic exposure.** *Environmental and Molecular Mutagenesis*, 61(2), 276-290. <https://doi.org/10.1002/em.22343>
166. Söderqvist, F., Carlberg, M., Mild, K.H., & Hardell, L. (2011). **Childhood brain tumour risk and its association with wireless phones: a commentary,** *Environmental Health*, 10, 106 <http://www.ehjournal.net/content/10/1/106>
167. Sowell, E.R., Thompson, P.M., Welcome, S.E., Henkenius, A.L., Toga, A.W., & Peterson, B.S. (2003). **Cortical abnormalities in children and adolescents with attention-deficit hyperactivity disorder.** *The Lancet*, 362(9397), pp. 1699-1707. [https://doi.org/10.1016/S0140-6736\(03\)14842-8](https://doi.org/10.1016/S0140-6736(03)14842-8)
168. Spitzer, M. (2014). **Information technology in education: Risks and side effects.** *Trends in Neuroscience and Education*, 3(3-4), pp. 81-85. <https://doi.org/10.1016/j.tine.2014.09.002>
169. Sri, N.K. (2015). **Mobile Phone Radiation: Physiological & Pathophysiological Considerations.** *Indian Journal of Physiology and Pharmacology*, 59(2), pp. 125-135.
170. Steliarova-Foucher, E., Colombet, M., Ries, L. A. G., Moreno, F., Dolya, A., Bray, F., Hesselting, P., Shin, H. Y., Stiller, C. A., Bouzbid, S., Hamdi-Cherif, M., Hablas, A., Chirpaz, E., Buziba, N., Chesumbai, G., Manraj, S., Reynders, D., Wabinga, H., Chokunonga, E., ... Steliarova-Foucher, E. (2017). **International incidence of childhood cancer, 2001-10: A population-based registry study.** *The Lancet Oncology*, 18(6), pp. 719-731. [https://doi.org/10.1016/S1470-2045\(17\)30186-9](https://doi.org/10.1016/S1470-2045(17)30186-9)

171. Steliarova-Foucher, E., Fidler, M.M., Colombet, M., Lacour, B., Kaatsch, P., Piñeros, M., Soerjomataram, I., Bray, F., Coebergh, J.W., Peris-Bonet, R., Stiller, C. A., Hackl, M., Zborovskaya, A., Dimitrova, N., Valerianova, Z., Dušek, L., Mägi, M., Monnereau, A., Clavel, J., ... Dolya, A. (2018). **Changing geographical patterns and trends in cancer incidence in children and adolescents in Europe, 1991–2010 (Automated Childhood Cancer Information System): A population-based study.** *The Lancet Oncology*, 19(9), pp. 1159–1169. [https://doi.org/10.1016/S1470-2045\(18\)30423-6](https://doi.org/10.1016/S1470-2045(18)30423-6)
172. Sudan, M. (2012). **Prenatal and Postnatal Cell Phone Exposures and Headaches in Children.** *The Open Pediatric Medicine Journal*, 6(1), 46–52. <https://doi.org/10.2174/1874309901206010046>
173. The BabySafe Project. (n.d.). **The Joint Statement on Pregnancy and Wireless technology.** (Available at: <https://www.babysafeproject.org/joint-statement>) [Accessed August 20, 2019].
174. Thornton, I.M. (2006). **Out of time: A possible link between mirror neurons, autism and electromagnetic radiation.** *Medical Hypotheses*, 67(2), pp. 378–382. <https://doi.org/10.1016/j.mehy.2006.01.032>
175. Vienna Medical Association. (2016). **10 Medical Rules for a Safer Use of Mobile Phones.** (Available at: <https://ehtrust.org/cell-phone-guidelines/>) [Accessed 1st April 2017].
176. Volkow, N.D., Tomasi, D., Wang, G.-J., Vaska, P., Fowler, J., Telang, F., Alexoff, D., Logan, J., & Wong, C. (2011). **Effects of Cell Phone Radiofrequency Signal Exposure on Brain Glucose Metabolism.** *JAMA*, 305(8), pp. 808–813. <https://doi.org/10.1001/jama.2011.186>
177. Wargo, J., Taylor, H.S., Alderman, N., Wargo, L., Bradley, J.M. (Editor), & Addiss, S. (Editor). (2012). **Cell phones: Technology, Exposures, Health effects.** *Environment and Human Health, Inc. (EHHI)*. (Available at: <https://ecfsapi.fcc.gov/file/7022118820.pdf>)
178. West, J.G., Kapoor, N.S., Liao, S.-Y., Chen, J.W., Bailey, L., & Nagourney, R. A. (2013). **Multifocal Breast Cancer in Young Women with Prolonged Contact between Their Breasts and Their Cellular Phones.** *Case Reports in Medicine*, 2013, pp. 1–5. <https://doi.org/10.1155/2013/354682>
179. Wilke I. (2018). **Biological and pathological effects of 2.45 GHz radiation on cells, fertility, brain, and behavior.** *Umwelt - Medizin - Gesellschaft*, 31(1), Supplement: 1–32. (Available at: https://eliant.eu/fileadmin/user_upload/de/pdf/Wilke_2018_Review_2_45_GHz_Eng_df_END.pdf).
180. World Health Organization (WHO). (2011). **Modules 2011: Developmental & environmental origins of adult disease.** *Children's health and the environment, WHO training package for the health sector.* (Available at: https://www.who.int/ceh/capacity/origins_adultdisease.pdf)
181. World Health Organization (WHO). (2014). **WHO Fact sheet N°193: Electromagnetic fields and public health: mobile phones.** (Available at: <https://www.who.int/peh-emf/publications/factsheets/en/>)

182. Wyde, M., Cesta, M., Blystone, C., Elmore, S., Foster, P., Hooth, M., Kissling, G., Malarkey, D., Sills, R., Stout, M., Walker, N., Witt, K., Wolfe, M., & Bucher, J. (2016). **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) [Preprint].** *Cancer Biology*. <https://doi.org/10.1101/055699> (Available at: <https://www.biorxiv.org/content/10.1101/055699v1>)
183. Yakymenko, I., Tsybulin, O., Sidorik, E., Henshel, D., Kyrylenko, O., & Kyrylenko, S. (2016). **Oxidative mechanisms of biological activity of low-intensity radiofrequency radiation (Review Article).** *Electromagnetic Biology and Medicine*, 35(2), pp. 186-202. <https://doi.org/10.3109/15368378.2015.1043557>
184. Yang, M., Guo, W., Yang, C., Tang, J., Huang, Q., Feng, S., Jiang, A., Xu, X., & Jiang, G. (2017). **Mobile phone use and glioma risk: A systematic review and meta-analysis.** *PLoS One*, 12(5), e0175136. <https://doi.org/10.1371/journal.pone.0175136>
185. Yüksel, M., Nazıroğlu, M., & Özkaya, M. O. (2016). **Long-term exposure to electromagnetic radiation from mobile phones and Wi-Fi devices decreases plasma prolactin, progesterone, and estrogen levels but increases uterine oxidative stress in pregnant rats and their offspring.** *Endocrine*, 52(2), 352-362. <https://doi.org/10.1007/s12020-015-0795-3>
186. Zothansiam, Zosangzuali, M., Lalramdinpuii, M., & Jagetia, G.C. (2017). **Impact of radiofrequency radiation on DNA damage and antioxidants in peripheral blood lymphocytes of humans residing in the vicinity of mobile phone base stations.** *Electromagnetic Biology and Medicine*, 36(3), pp. 295-305. <https://doi.org/10.1080/15368378.2017.1350584>
187. Zwamborn, A.P.M., Vossen, S.H.J., van Leersum, B.J.A., Ouwens, M.A., & Makel, W.N. (2003). **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, FEL-03-C148*, 1-89. (Available at: https://milieugezondheid.be/dossiers/gsm/TNO_rapport_Nederland_sept_2003.pdf) [Accessed 16 June 2018].

Compiled by Dr. Stella Canna Michaelidou assisted by Athina Kanari
 Cyprus National Committee on Environment and Children's Health
www.paidi.com.cy