



# Hippocrates Electrosmog Appeal Belgium

Face au déploiement massif et inconsidéré des technologies sans fil, nous, professionnels de la santé, demandons au gouvernement de faire appliquer le principe de précaution afin de protéger la population et plus particulièrement les groupes les plus vulnérables dont font partie, notamment, les femmes enceintes et les enfants.

## **Quelques publications pertinentes - Relevante medische publicaties**

Melnick R, Commentary on the utility of the National Toxicology Program study on cell phone radiofrequency radiation data for assessing human health risks despite unfounded criticisms aimed at minimizing the findings of adverse health effects, Environmental Research 2019 Jan, Volume 168, Pages 1-6

<https://www.sciencedirect.com/science/article/pii/S0013935118304973>

Bandara P, Carpenter D, Planetary electromagnetic pollution: it is time to assess its impact, The Lancet 2018 Dec, 2(12):e512-e514

[https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196\(18\)30221-3/fulltext](https://www.thelancet.com/journals/lanplh/article/PIIS2542-5196(18)30221-3/fulltext)

Neufeld Esra, Kuster Niels, Systematic Derivation of Safety Limits for Time-Varying 5G Radiofrequency Exposure Based on Analytical Models and Thermal Dose, Health Physics 2018 Dec, 115(6):705–711

[https://journals.lww.com/health-physics/Abstract/2018/12000/Systematic\\_Derivation\\_of\\_Safety\\_Limits\\_for.17.aspx](https://journals.lww.com/health-physics/Abstract/2018/12000/Systematic_Derivation_of_Safety_Limits_for.17.aspx)

Miller AB et al, Cancer epidemiology update, following the 2011 IARC evaluation of radiofrequency electromagnetic fields (Monograph 102), Environ Res. 2018 Nov, 167:673-683.

<https://www.ncbi.nlm.nih.gov/pubmed/30196934>

Wyde et al, 2018, 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

[https://www.niehs.nih.gov/ntp-temp/tr595\\_508.pdf](https://www.niehs.nih.gov/ntp-temp/tr595_508.pdf)

Wyde et al, 2018, NTP technical report on the toxicology and carcinogenesis studies in B6C3F1/N mice exposed to whole-body radio frequency radiation at a frequency (1,900 MHz) and modulations (GSM and CDMA) used by cell phones

[https://www.niehs.nih.gov/ntp-temp/tr596\\_508.pdf](https://www.niehs.nih.gov/ntp-temp/tr596_508.pdf)

Falcioni et al, 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, Environ Res. 2018 Aug, 165:496-503

<https://www.ncbi.nlm.nih.gov/pubmed/29530389>

<https://ehtrust.org/wp-content/uploads/Belpoggi-Heart-and-Brain-Tumors-Base-Station-2018.pdf>

Philips A et al, Brain Tumours: Rise in Glioblastoma Multiforme Incidence in England 1995–2015 Suggests an Adverse Environmental or Lifestyle Factor, Journal of Environmental and Public Health, Volume 2018, Article ID 7910754

<https://www.hindawi.com/journals/jeph/2018/7910754/>

Hardell L, World Health Organization, radiofrequencyradiation and health – a hard nut to crack (Review), Int J Oncol. 2017 Aug, 51(2):405-413

<https://www.ncbi.nlm.nih.gov/pubmed/28656257>

Belyaev I et al, EUROPAEM EMF Guideline 2016 for the prevention, diagnosis and treatment of EMF-related health problems and illnesses, Rev Environ Health 2016, 31(3): 363-397

<https://ecfsapi.fcc.gov/file/10607345800327/European%20Guidelines%20-%20Sept%202016.pdf>

Belpomme D et al, Reliable disease biomarkers characterizing and identifying electrosensitivity and multiple chemical sensitivity as two etiopathogenic aspects of a unique pathological disorder Rev Environ Health 2015, 30(4):251-271

<https://www.ncbi.nlm.nih.gov/pubmed/26613326>

Hardell L, 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 March 2015, Volume 22, Issue 1

[https://www.pathophysiologyjournal.com/article/S0928-4680\(14\)00064-9/fulltext](https://www.pathophysiologyjournal.com/article/S0928-4680(14)00064-9/fulltext)

Carpenter D, The microwave syndrome or electro-hypersensitivity: historical background, Rev Environ Health. 2015, 30(4):217-22

<https://www.ncbi.nlm.nih.gov/pubmed/26556835>

Davis D, Best practices with children and wireless radiation, a review of science and global advisories, Oct 2015

<http://ehtrust.org/wp-content/uploads/2015/12/Schools-and-Wireless-Briefing-October-2015.pdf>

Pall M, Electromagnetic fields act via activation of voltage-gated calcium channels to produce beneficial or adverse effects, J Cell Mol Med 2013 Aug, 17(8):958-65

<https://www.ncbi.nlm.nih.gov/pubmed/23802593>

BioInitiative Report 2012 : A rationale for biologically-based exposure standards for low-intensity electromagnetic radiation, report updated in 2014 and 2017

[www.bioinitiative.org](http://www.bioinitiative.org)

Résolution du Comité National russe sur la protection contre les radiations non ionisantes approuvée par le RNCNIRP, Champs électromagnétiques des téléphones portables : effets sur la santé des enfants et des adolescents, avril 2011, Moscou

<http://docplayer.net/27120719-Resolution-of-russian-national-committee-on-non-ionizing-radiation-protection-april-2011-moscow.html>

Rakefet Czerninski et al, Risk of Parotid Malignant Tumors in Israel (1970–2006), Epidemiology 2011, 22(1):130-131

<https://doi.org/10.1097/ede.0b013e3181feb9f0>

IARC classifies Radiofrequency Electromagnetic fields as possibly carcinogenic to humans

[https://www.iarc.fr/wp-content/uploads/2018/07/pr208\\_E.pdf](https://www.iarc.fr/wp-content/uploads/2018/07/pr208_E.pdf)

Avendaño C et al : Laptop expositions affect motility and induce DNA fragmentation in human spermatozoa in vitro by a non thermal effect , Sarmiento Nascentis Medicina Reproductiva, Córdoba, Argentina Fertility and Sterility 94(4), September 2010

[https://www.researchgate.net/publication/246431648 Laptop expositions affect motility and induce DNA fragmentation in human spermatozoa in vitro by a nonthermal effect a preliminary report](https://www.researchgate.net/publication/246431648_Laptop_expositions_affect_motility_and_induce_DNA_fragmentation_in_human_spermatozoa_in_vitro_by_a_nonthermal_effect_a_preliminary_report)

Havas M et al, Provocation study using heart rate variability shows microwave radiation from DECT phone affects autonomic nervous system, M. European Journal of Oncology Library 2010 Vol. 5, 273-300

[https://www.researchgate.net/publication/228769697 Provocation Study using Heart Rate Variability shows Radiation from Cordless Phone DIIHFWV Autonomic Nervous System](https://www.researchgate.net/publication/228769697_Provocation_Study_using_Heart_Rate_Variability_shows_Radiation_from_Cordless_Phone_DIIHFWV_Autonomic_Nervous_System)

Nittby H et al, Cognitive impairment in rats after long-term exposure to GSM-900 mobile phone radiation, Bioelectromagnetics. 2008 Apr, 29(3):219-32

<https://www.ncbi.nlm.nih.gov/pubmed/18044737>

Hardell L et al, Long-term use of cellular phones and brain tumours: increased risk associated with use for  $\geq 10$  years, Occup Environ Med. 2007 Sep, 64(9): 626–632

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2092574/>

Environmental Health Trust : education, research and policy to reduce environmental risks <https://ehtrust.org/>