

Wiss. Studien / Estudios científicos / Scientific Studies

(0) **Stories about particular studies / historias sobre estudios científicos especiales / Geschichten über besondere Studien**

(1) **einzelne Studien / estudios individuales / single studies**

(2) **Übersichten / sinopsis / overviews**

(3) **Metastudien / meta-análisis / meta-studies**

(4) **Sammlungen von Studien / colecciones de estudios / collections of studies**

(5) **Models of the impact of EMR on the (human) organism**

(0) Stories about single studies / historias sobre estudios científicos / Geschichten über Studien

CERENAT Study:

“Mobile phone use and brain tumours in the CERENAT case-control study”

G. Coureau et al. The British Medical J. 9May2014

“[New study confirms increased risk for gliomas associated with use of mobile phone](#)”

[Insert the link into your browser]

Lennart Hardell's Blog 9May2014

“Re: Mobile phone use and brain tumours...”

L. Hardell & M. Carlberg 11Nov2014

Author's response: Re ‘Mobile phone use and brain tumours ...’

G. Coureau et al. 11Nov2014

“The epidemiology of glioma in adults: a “state of the science” review”

LL Morgan 20Jan2015

A. Lerchl et.al.:

“Effects of 2.4 ghz radiofrequency radiation emitted from wi-fi equipment on microrna expression in brain tissue.”

ncbi.nlm.nih.gov/ 16Mar2015

„Higher tumor rates through exposure to electromagnetic fields“

m.jacobs-university.de 6Mar2015

“RF Cancer Promotion: Animal Study Makes Waves Germany's Alex Lerchl Does a U-Turn”

microwavenews.com 13Mar2015

RF EMFs produce clear co-carcinogenic effects

powerwatch.org.uk 8Mar2015

Höhere Tumorraten durch elektromagnetische Felder

diagnose-funk.org 9Mar2015

Ny forskning om radiofrekvent stråling og kreft tvinger mobilindustrien i knestående

<http://www.felo.no/hjem/> 19Mar2015

Tumor promotion by exposure to radiofrequency electromagnetic fields below exposure limits for humans

A. Lerchl et.al., sciencedirect.com Feb2015

[see below: REFLEX study](#)

Hardell, Lennart, et al.:

“Mobile phone and cordless phone use and the risk for glioma” – Analysis of pooled case-control studies in Sweden, 1997–2003 and 2007–2009,

Mar2015

“Use of mobile phones and cordless phones is associated with increased risk for glioma and acoustic neuroma” Apr2013

“Pooled analysis of case-control studies on acoustic neuroma diagnosed 1997-2003 and 2007-2009 and use of mobile and cordless phones” Jul2013
[see more](#)

“Case-control study of the association between malignant brain tumours diagnosed between 2007 and 2009 and mobile and cordless phone use” Sept2013

Powerwatch: Mobile Phones: „Brain tumours and other cancers“, contains a review of Hardell’s studies

Interphone Study:

“Brain Tumour Risk in Relation to Mobile Telephone Use
 – Results of the INTERPHONE International Case–Control Study

“A Look at the Interphone Study Results” Saracci & Samet, Apr2010

Powerwatch: “Mobile Phones”, Section 3: “Brain Tumors and other Cancers”,
contains a review of the Interphone Study including many flaws of the study

“Estimating the risk of brain tumors from cellphone use: **Published case-control studies**”
L.L. Morgan, specifies 11 flaws of the Intephone Study Aug. 2009

“Social and Economic Patterning in the Interphone Study” Sean AP Clouston 2011

REFLEX Study: Risk Evaluation of Potential Environmental Hazards from Low Energy
 Electromagnetic Field Exposure Using Sensitive in vitro Methods 29Sep2007
The study was performed from Start date 01 February 2000 to End date: 31 May 2004

Los resultados del estudio REFLEX, judicialmente confirmados S.H.Díaz 25Mar2015

Lo inesperado siempre sucede. Franz Adlkofer cemyelectrosensibilidad.blogspot.com.es 26Mar2015

„Ergebnisse aus dem REFLEX-Projekt“ Franz Adlkofer 2Dec2004

„REFLEX-Studie juristisch bestätigt“ diagnose-funk.org/ 24Mar2015

Zwischenbericht 2: Kratochvil gegen Lerchl Stiftung Pandora 13Mar2015

Endurteil: Kratochvil gegen Lerchl Hamburger Landgericht 20Mar2015

Was tun bei Fälschung? Alexander Lerchl, Bremen 11Jul2014

see above: A.Lerchl

(1) Einzelne Studien / estudios individuales / single studies:

single studies	2015
“Mega research on effect of mobile tower radiation on human health gets nod”	economictimes.indiatimes.com 4Apr2015
“Effects of 2.4 Ghz radiofrequency radiation emitted from wi-fi equipment on microrna expression in brain tissue”	ncbi.nlm.nih.gov Int J Radiat Biol. 16Mar2015

“Effects of electromagnetic fields exposure on plasma hormonal and inflammatory pathway biomarkers in male workers of a power plant.”	ncbi.nlm.nih.gov 26Mar2015
“Study Finds Evidence Chronic Fatigue Syndrome is Biological” – may be interesting also in relation to EHS –	psychcentral.com Feb2015
“Outdoor characterization of radio frequency electromagnetic fields in a Spanish birth cohort”	ncbi.nlm.nih.gov Environ Res. Feb2015
“Inter-individual and intra-individual variation of the effects of pulsed RF EMF exposure on the human sleep EEG”, C. Lustenberger e.a.,	Feb2015
“Does Short-term Exposure to Cell Phone Radiation Affect the Blood?”	The Weston A. Price Foundation 3Feb2015
“Effect of Short-term 900 MHz low level electromagnetic radiation exposure on blood serotonin and glutamate levels” Eris et al., , <i>see abstract</i>	Febr2015
608 mW/m2 seem to be a high strength of the applied radiation, but a cell phone produces about 100 000 mW/m2 at a distance of 0.5 – 1.0 cm to the sensitive head region of the user.	
“Australia launches multi-million dollar investigation into the health effects of mobile phones”	7. Febr.2015
“The effect of melatonin on the liver of rats exposed to microwave radiation” <i>see abstract</i>	Djordjevic et al., Feb2015
“Three Studies Showing Symptoms from Smart Meters”	Ronald Powell 4Jan2015

single studies	2014
“Evaluation of ADHS Report on Health Safety of Smart Meters”	Sedona Smart Meter Awareness 9Dec2014
“Self-reporting of symptom development from exposure to radiofrequency fields of wireless smart meters in victoria, australia: a case series.”	Altern Ther Health Med. 20(6):28-39, Nov-Dec2014
see also see also see also	
“The Influence of Electromagnetic Radiation Generated by a Mobile Phone on the Skeletal System of Rats”	hindawi.com Nov2014
“Comparison of the Genotoxic Effects Induced by 50 Hz Extremely Low-Frequency Electromagnetic Fields and 1800 MHz Radiofrequency Electromagnetic Fields in GC-2 Cells”, Weixia Duan e.a.,	Jul2014
“Why children absorb more microwave radiation than adults”	Morgan, L.L. et al. Journal of Microscopy and Ultrastructure, 2(4), , pp 197–204, Dec2014

see comment by <i>Robert Szczerba</i>
“A cross-sectional case control study on genetic damage in individuals residing in the vicinity of a mobile phone base station.” Electromagn Biol Med. Jul 2014
„Mobile phones linked to erectile dysfunction, according to study” Centr. Europ. J. Urology, 2014 Männer mit erektiler Dysfunktion trugen ihr eingeschaltetes Handy länger bei sich als andere. 20 Fälle, 10 Kontrollen.
“La contaminación electromagnética de baja frecuencia, produce rotura del ADN según un estudio” Radiaciones, also in J Environ Health Sci Eng. 24Jan2014

single studies	earlier than 2014
„Cell Phones Could Increase Cancer Risk“ Fanden erhöhten oxidativen Stress im Speichel von 20 Handy-Vielnutzern, verglichen mit dem von Gehörlosen und Handy-Verweigerern. Oxidativer Stress gilt als einer der Hauptrisikofaktoren für die Entstehung von Krebserkrankungen.	Dr. Yaniv Hamzany, et al., Tel Aviv, Journal Antioxidants and Redox Signaling Jul2013
<i>Experiment – After This You Will Think Twice Before Putting your Cell Phone Near your Head</i> <i>[Experiment Verification] WIFI and Seeds</i>	Tse Maverick, worldtruth.tv 8Jun2013
“Mobile Phone Use and Risk of Brain Neoplasms and other Cancers: Prospective Study”	V.S. Benson et al., Mar2013
“Location of Gliomas in Relation to Mobile Telephone Use: A Case-Case and Case-Specular Analysis”	Suvi Larjavaara et al. Feb2011
“Power quality affects teacher wellbeing and student behavior in three Minnesota Schools”	Magda Havas & Angela Olstad, dirtyelectricity.ca 3Mar 2008
“Cancer Mortality near Air Force Bases” Lester, J.R. and D.F. Moore, Journal of Bioelectricity 1(1): 72-82.	1982

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(2) Übersichten / sinopsis / overviews

[see also (3) meta-studies]

“Can Cell Phones Increase Risk for Brain Cancer?”	medscape.com 4Mar2015
“ Electromagnetic Hypersensitivity – A Summary ”, <i>excellent overview!</i>	Dr. Erica Mallery-Blythe Dec2014
Biointiative 2012 / 2014: „A Rationale for Biologically-based Public Exposure Standards for Electromagnetic Fields (ELF and RF)“, presented by 29 scientists from 10 countries: “Overall, these 1800 or so new studies report abnormal gene transcription; genotoxicity and single-and double-strand DNA damage; stress proteins because of the fractal RF-antenna like nature of DNA; chromatin condensation and loss of DNA repair capacity in human stem cells; reduction in free-radical scavengers – particularly melatonin; neurotoxicity in humans and	

animals; carcinogenicity in humans; serious impacts on human and animal sperm morphology and function; effects on offspring behavior; and effects on brain and cranial bone development in the offspring of animals that are exposed to cell phone radiation during pregnancy. This is only a snapshot of the evidence presented in the BioInitiative 2012 updated report.”

[see also](#)

[read more](#)

2012 / 2014

Powerwatch Article Library,

contains a lot of fantastic overviews over the scientific literature, e.g. on :

- > Powerfrequency EMFs and Health,
- > Substations, Powerlines and Related EMFs,
- > Your low EMF home,
- > Radiofrequency EMFs and Health,
- > Mobile Phones,
- > Children and Mobile Phones,
- > Electrical Hypersensitivity, *etc,* ***in particular:***

[Childhood Cancer, Section 4: Non-Ionising Radiation – Electromagnetic Fields \(EMFs\)](#)

[Mobile Phones, Section 3: Brain Tumours and other Cancers](#)

“Biological and Health Effects of Microwave Radio Frequency Transmissions”

A Review of the Research Literature 4Jun2013

“WiFi Report - Humanity At The Brink “

Barrie Trower, rense.com 24Aug 2013

“Electromagnetic and Radiofrequency Fields Effect on Human Health”

The American Academy of Environmental Medicine (AAEM)

2008

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(3) *Metastudien / Meta-Análisis / Meta-Studies*

[\[see also \(2\) Overviews\]](#)

“Study Suggests Wi-Fi Exposure More Dangerous To Kids Than Previously Thought”

[read more](#)

Forbes.com Jan2015

„Electromagnetic fields from wireless communications and health – ‘Scientific proof’ versus ‘observation’ and ‘experiences’“

Dr. Leendert Vriens Jan2015

“The discrepancy between maximum in vitro exposure levels and realistic conservative exposure levels of mobile phones operating at 900/1800 MHz”

Schmid G, Kuster N. Febr2015

“Electromagnetic Hypersensitivity: Fact or Fiction“

Genuis, S.J., Lipp, C.L., Canada 1Nov 2011

Die Autoren sind Spezialisten für das MCS = Multi-Chemical Syndrome und das CFS = Chronic-Fatigue Syndrome, also für Multisystemerkrankungen, und stellen fest, dass es Elektromagnetische Hypersensibilität wirklich gibt.

Igor Yakymenko et al., Kiew, Zs. Oxidants and Antioxidants in Medical Science,

Mar2014

fanden in 76 von 80 Studien, dass Mobilfunkstrahlung zur Überproduktion von freien Radikalen und somit zu oxidativem Stress führt. Bekannte Folge-Erscheinungen sind Erschöpfung, Kopfschmerzen, Entzündungen, Herzinfarkt und Krebs.

„DNA bricht je nach Sponsor“ Diagnose-Funk (Erbgutschäden durch Mobilfunk)

<i>Zwei Autorenteams USA/Schweiz lasen 85/59 Studien, die Wirkungen von EMF auf das Erbgut untersuchten und fanden in den Industrie-finanzierten Studien nur 1/10 so oft signifikante, gesundheitsschädigende Effekte.</i>
<i>„Vorsorge aufgrund so genannter a-thermischer Wirkungen von HF-EMF“ Mosgoeller,W. Beste Übersicht über DNA-Brüche, u.a. in der Reflex-Studie 2000-2004 = 12 Forschergruppen aus 7 europ. Ländern, und weitere in vitro- und Tierversuche.</i>
"Kontroverse Schlussfolgerungen je nach Finanzier der Mobilfunkforschung" Frentzel-Beyme

(4) Sammlungen von Studien / colecciones de estudios / collections of studies:

“Biological and Health Effects of Microwave Radio Frequency Transmissions” <i>A Review of the Research Literature. Contains o lot of studies. 4Jun2013</i>
Diagnose-Funk: <i>Wiss. Studien über die gesundheitlichen Auswirkungen von EMF</i>
EMF-Portal <i>„... fasst wissenschaftliche Forschungsergebnisse zu den Wirkungen elektromagnetischer Felder (EMF) zusammen.“ „...summarizes systematically scientific research data on the effects of electromagnetic fields (EMF).“</i>
“The Work of Leif Salford” Cellular Phone Task Force, 2015 <i>Lists several important studies on EMR effects by Leif Salford.</i>
Powerwatch Article Library <i>includes a lot of scientific studies</i>

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(5) Models of the impact of EMR on the (human) organism:

“DNA is a fractal antenna in electromagnetic fields” <i>ncbi.nlm.nih.gov Int J Radiat Biol. Apr2011</i> <i>“EMF and DNA, Fractal Antenna”</i> oscillatorium.com <i>date?</i>
“Electromagnetic field interactions with biological systems” see also Alan H. Frey, 1990

_____ Section (5) urgently to be supplemented _____

End of page “Scientific Studies”