

WBF-EXPERTENFORUM 2013

Mitwirkende Experten

Wissenschaftliche Mitglieder des WBF

Univ.-Prof. DI Dr. Norbert VANA

Vorsitzender des WBF

Prof.i.R. an der TU Wien, Atominstitut der Österreichischen Universitäten, Bereich
„Strahlenphysik, Strahlenschutz, strahlenphysikalische Archäometrie, nukleare Messtechnik“
Vorsitzender des ON-Komitees "Schutz gegen nichtionisierende Strahlen"

Vizepräsident des Fachhochschulrates

ao.Univ.-Prof. Dr. Christian WOLF

Stv. Vorsitzender des WBF

Facharzt für Innere Medizin sowie für Arbeits- und Betriebsmedizin

Univ.-Prof. DDr. Alfred BARTH

Sigmund Freud Privat Universität Wien

Leitung Institut für Psychologie Linz

Klinischer Psychologe und Gesundheitspsychologe

ao.Univ.-Prof. Dr. Gerald HAIDINGER

Zentrum für Public Health an der Medizinischen Universität Wien,
Abteilung Epidemiologie; Facharzt für Sozialmedizin

Dr. Doris MOSER

Klinische und Gesundheitspsychologin

Neuropsychologische Ambulanz und Spezialambulanz für Schlafstörungen an der
Universitätsklinik für Neurologie, Medizinische Universität Wien

DI Dr. Georg NEUBAUER

Program Manager und Projektleiter im Geschäftsbereich Safety & Security
des Austrian Institute of Technology

Universitätslektor an der TU Wien und der TU Graz

o.Univ.-Prof. DI Dr.techn. Karl-Peter PFEIFFER

Rektor und wissenschaftlicher Geschäftsführer der FH Joanneum Gesellschaft mbH.,
Medizinische Universität Innsbruck – Department für Medizinische Statistik, Informatik und
Gesundheitsökonomie; Leiter des Arbeitskreises „Nationale e-Health-Strategie“ der
„österreichischen e-Health-Initiative“

Prim. Univ.-Prof. Dr. Reinhart WANECK

Präsident des Verbandes der leitenden Krankenhausärzte Österreichs

Vertreter des OSR (Oberster Sanitätsrat) im WBF

Univ.-Prof. DDr. Josef ZEITLHOFER

Prof. i.R., Facharzt für Neurologie und Psychiatrie, vormals Oberarzt an der Neurologischen
Universitätsklinik Wien, Leiter der Abteilung für Klinische Neurophysiologie, Leiter der
Sonderambulanz für Epilepsie, Leiter der Sonderambulanz für neuromuskuläre
Erkrankungen, Leiter der Schlafambulanz

Externe wissenschaftliche Experten

Univ.-Prof. Dr. Herbert HÖNIGSMANN

em. Vorstand der Universitätsklinik für Dermatologie, Medizinische Universität Wien
Facharzt für Dermatologie und Venerologie

Prof. Dr. Jürgen KIEFER

Vormals Strahlencentrum der Justus-Liebig-Universität, Deutschland;
bis 2006 Mitglied der Strahlenschutzkommission sowie der SSK-Ausschüsse „Risiko“
und „Nicht ionisierende Strahlen“, Leiter der Arbeitsgruppe „Mobilfunk und Kinder“; bis 2008
Mitglied der deutschen Delegation der „UN Scientific Commission on the Effects of Atomic
Radiation“ (UNSCEAR); z.Z. Mitglied des Ausschusses „Nicht ionisierende Strahlen“ der
SSK

Ass.-Prof. Priv.-Doz. Dr.med. Rupert LANZENBERGER

Hirnforscher und Experte für Molekulare und Funktionelle Bildgebung des Gehirns
Leiter des Labors für Funktionelle, Molekulare und Translationale Bildgebung - PET, MRI
an der Universitätsklinik für Psychiatrie und Psychotherapie, Medizinische Universität Wien

ao.Univ.-Prof. Dr. Wilhelm MOSGÖLLER

Institut für Krebsforschung an der Universitätsklinik für Innere Medizin I,
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Prim. Univ.-Doz. Dr. Csilla NEUCHRIST

Vorstand der HNO Abteilung LK Mistelbach

Prof. Dr. Günter OBE

Fachgebiet Genetik, vormals Universität Duisburg-Essen,
Campus Essen, Institut für Biologie, Deutschland

Prim. Univ.-Prof. Dr. Heinz PFLÜGER

Abteilungsvorstand der Urologischen Abteilung des Krankenhaus Hietzing, bis vor drei
Monaten Leiter des Ludwig Boltzmann Instituts für Andrologie und Urologie

Vertreter öffentlicher Stellen und Institutionen (nicht stimmberechtigt)

MR Dr. Christian SINGER

Leiter Abteilung III/PT2 Telekomrecht,
Bundesministerium für Verkehr, Innovation und Technologie

WBF-Expertenforum 2013

Aktuelle Datenlage bestätigt bisherige Erkenntnisse des WBF:

Keine Gefährdung der Gesundheit durch Mobilfunk

Wien, Juni 2013.

Im Rahmen der heurigen Konsensus-Konferenz des WBF (Wissenschaftlicher Beirat Funk) als unabhängiges Beratungsgremium des BMVIT wurde erneut festgestellt, dass eine unmittelbare Gefährdung der menschlichen Gesundheit durch Mobilfunk nach dem aktuellen Stand der Wissenschaft ausgeschlossen werden kann.

Analysiert und bewertet wurden insgesamt 105 – von Februar 2012 bis Jänner 2013 veröffentlichte – wissenschaftliche Arbeiten, aus denen – nach eingehender Prüfung anhand anerkannt wissenschaftlicher Kriterien – ein Nachweis gesundheitlicher Gefährdungen nicht abzuleiten war. Dies entspricht den bisherigen Prüfergebnissen, wobei seit der Gründung des WBF im Februar 2004 insgesamt mehr als 700 Studien der Beurteilung unterzogen wurden.

Allerdings urgierten die Experten die Beantwortung einer Reihe offener Fragen: Allfällige, über einen Expositionszeitraum von 10 Jahren hinausgehende, Langzeitfolgen sowie mögliche Auswirkungen auf Kinder sind bis heute ebenso unzureichend geklärt wie einige Problematiken bei der Expositionserfassung.

Eine seriöse wissenschaftliche Auseinandersetzung mit der Thematik bei sinnvollen Zielsetzungen sollte, so der WBF, unter dem Gesichtspunkt "Qualität vor Quantität" weiter betrieben werden.

Auch diesmal waren nicht nur die Wissenschaftlichen Mitglieder des WBF, sondern auch eine Reihe externer nationaler und internationaler Experten an der Prüfung und Bewertung der aktuellen Studienlage beteiligt.

Wobei sich die Studien mit folgenden Gebieten beschäftigten: Befindlichkeit, kognitive Fähigkeiten und Gehirn, Nervensystem und Schlaf; Epidemiologie und Krebs; HNO (inklusive Tinnitus); Zeugungsfähigkeit; Kinder; Genotoxizität.

Umweltängste und mangelndes Vertrauen

Schon seit langem gilt es als klar erwiesen, dass die durch Mobilfunk-Basisstationen (Handymasten) hervorgerufene Exposition um den Faktor 1.000 bis 10.000 geringer ist als beim Telefonieren mit dem Handy selbst.

„Dennoch ergaben Umfragen in Frankreich, dass Handymasten im Jahr 2010 von 68% der Befragten als Risiko wahrgenommen wurden, 2005 waren es nur 48%

gewesen. Was sich hier manifestiert, sind allgemeine Umweltängste der Menschen, die letztlich auch mit einem zunehmenden Vertrauensverlust in Politik und Wirtschaft zusammenhängen“, erläutert Strahlenphysiker Univ.-Prof. DI Dr. Norbert Vana, Professor i.R. an der TU Wien und Vorsitzender des WBF.

Dosimetrie optimieren!

Obwohl die Qualität der Studien heute nur mehr vereinzelt Anlass zur Kritik gibt, sieht der WBF in dosimetrischer Hinsicht noch einigen Verbesserungsbedarf: „Hier wäre es wichtig, dass die Standards vereinheitlicht werden, um die Vergleichbarkeit der Ergebnisse zu erleichtern. Vielfach werden Verfahren eingesetzt, deren Aussagekraft äußerst zweifelhaft ist, zum Beispiel wird mit Kopfnachbildungen gearbeitet, die nur einen kleinen Teil der allgemeinen Bevölkerung repräsentieren“, gibt DI Dr. Georg Neubauer, Projektleiter im Geschäftsbereich „Safety & Security“ beim „Austrian Institute of Technology“, Lektor an der TU in Wien und Graz sowie Wissenschaftliches Mitglied des WBF, zu bedenken.

Neues zur Intensität der Strahlenbelastung

In Sachen Strahlenbelastung konnten einige neue Erkenntnisse gewonnen bzw. bisherige Annahmen bestätigt werden – darunter insbesondere:

- Die Belastung durch EMF (Schnurlostelefone/DECT, Handys etc.) ist an Arbeitstagen um rund 50% höher ist als im privaten Bereich.
- Bei der Verwendung von sog. Femtozellen (d.s. Funkzellen mit kleiner räumlicher Ausdehnung – Indoor-Basisstationen mit geringer Sende- und Empfangsleistung) kann es zu einer Reduktion der Exposition von Mobiltelefonbenutzern kommen.

Forderungen des WBF

Für die künftige wissenschaftliche Auseinandersetzung mit den gesundheitlichen Auswirkungen des Mobilfunks empfiehlt der WBF – neben der Optimierung der Standardisierungsverfahren zur Expositionserfassung – drei weitere wichtige Punkte:

1. Besonderes Augenmerk ist auf mögliche gesundheitliche Langzeitfolgen (nach mehr als 10 Jahren) zu legen.
2. Die potenziellen Auswirkungen auf Kinder sind intensiver zu untersuchen.

Dazu Univ.-Prof. Dr. Christian Wolf, Facharzt für Innere Medizin, Arbeits- und Betriebsmedizin sowie Stv. Vorsitzender des WBF: „Uns ist die Problematik von Studien mit Kindern sehr wohl bewusst und wir gehen hier mit der Ethikkommission absolut konform – aber gerade auf diesem Gebiet ist das Fehlen von systematischen Untersuchungen besonders bedauerlich!“

3. Ebenso angeraten wird die möglichst rasche Beantwortung der vielen Fragezeichen im Hinblick auf gentoxische Wirkungen des Mobilfunks und die damit zusammenhängenden physiologischen Effekte.

„Derzeit forscht jeder, wie und was er will. Künftig wird es darum gehen, die richtigen Fragen zu stellen und diese systematisch zu beantworten – nur so werden wir praktisch relevante Ergebnisse erhalten, die uns weiterbringen“, hofft WBF-Vorsitzender Prof. Dr. Vana auf greifbare Forschungsfortschritte in den nächsten Jahren.

Anmerkung:

Die Literaturliste des WBF-Expertenforums 2013 finden Sie unter:

<http://www.wbf.or.at/wbf-expertenforum/expertenforum-2013/>

Rückfragehinweis:

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Literaturliste WBF Expertenforum 2013

Zeitraum: Februar 2012 - Jänner 2013

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
No effects of a single 3G UMTS mobile phone exposure on spontaneous EEG activity, ERP correlates, and automatic deviance detection.	2013-01	Attila Trunk, Gábor Stefanics, Norbert Zentai, Zsófia Kovács-Bálint, György Thuróczy, István Hernádi	Department of Experimental Neurobiology and Zoology, University of Pécs, Pécs, Hungary; Laboratory for Social and Neural Systems Research, Department of Economics, University of Zürich, Zürich, Switzerland; Institute of Cognitive Neuroscience and Psychology, Research Center for Natural Sciences, Hungarian Academy of Sciences, Budapest, Hungary; National Institute for Radiobiology and Radiohygiene (NIRR), Budapest, Hungary; National Institute of Industrial Environment and Risk (INERIS), Verneuil-en-Halatte, France	Bioelectromagnetics, Vol. 34 (1), Jan 2013, pp. 31-42
Assessment of RF radiation levels in the vicinity of 60 GSM mobile phone base stations in Iran.	2012-12 published online	Vahid Nayyeri, Seyed Mohammad Hashemi, Maryam Borna, Hamid-Reza Jalilian, Mohammad Soleimani	Antenna Research Laboratory, Iran University of Science and Technology (IUST), Tehran, Iran	Radiation Protection Dosimetry, published online Dec 2012
Estimating associations of mobile phone use and brain tumours taking into account laterality: a comparison and theoretical evaluation of applied methods.	2012-12	Kirsten Frederiksen, Isabelle Deltour, Joachim Schüz	Danish Cancer Society Research Center, Denmark; International Agency for Research on Cancer, Section of Environment and Radiation, Lyon France	Statistics in Medicine, Vol. 31 (28), Dec 2012, pp. 3681-3692
Between-country comparison of whole-body SAR from personal exposure data in Urban areas.	2012-12	Wout Joseph, Patrizia Frei, Martin Rössli, Günter Vermeeren, John Bolte, György Thuróczy, Peter Gajšek, Tomaz Trček, Evelyn Mohler, Péter Juhász, Viktoria Finta and Luc Martens	Department of Information Technology, Ghent University/IBBT, Ghent, Belgium; Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Laboratory for Radiation Research, National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; Department of Non-Ionizing Radiation, National Research Institute for Radiobiology and Radiohygiene, Budapest, Hungary; French National Institute for Industrial Environment and Risks (INERIS), Verneuil-Halatte, France; Institute of Non-Ionizing Radiation, Ljubljana, Slovenia; Faculty of Science, Department of Atomic Physics, Institute of Physics, Eötvös Loránd University, Budapest, Hungary	Bioelectromagnetics, Vol. 33 (8), Dec 2012, pp. 682-694
Use of wireless phones and serum beta-trace protein in randomly recruited persons aged 18-65 years: a cross-sectional study.	2012-12	Fredrik Söderqvist, Michael Carlberg, Henrik Zetterberg, Lennart Hardell	Department of Oncology, University Hospital, Örebro, Sweden; Department of Psychiatry and Neurochemistry, Institute of Neuroscience and Physiology, The Sahlgrenska Academy at the University of Gothenburg, Sahlgrenska University Hospital/Mölndal, Mölndal, Sweden	Electromagnetic Biology and Medicine, Vol. 31 (4), Dec 2012, pp. 416-424
Measurement and analysis of electromagnetic pollution generated by GSM-900 mobile phone networks in Erciyes University, Turkey.	2012-12	Ugur Sorgucu, Ibrahim Develi	Department of Electrical & Electronics Engineering, Bartin University, Bartin, Turkey; Department of Electrical & Electronics Engineering, Erciyes University, Kayseri, Turkey	Electromagnetic Biology and Medicine, Vol. 31 (4), pp. 404-415
Genetic Damage in Human Cells Exposed to Non-ionizing Radiofrequency Fields: A Meta-Analysis of the Data from 88 Publications (1990-2011).	2012-12	G. Vijayalaxmi, Thomas J. Prihoda	Department of Radiology, University of Texas Health Science Center, San Antonio, Texas, USA	Mutation Research - Genetic Toxicology and Environmental Mutagenesis, Vol. 749 (1-2), Dec 2012, pp. 1-16
Personal radiofrequency electromagnetic field measurements in the Netherlands: Exposure level and variability for everyday activities, times of day and types of area.	2012-11	John F.B. Bolte, Tessa Eikelboom	Laboratory for Radiation Research, National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands	Environment International, Vol. 48, Nov 2012, pp. 133-142
Study of electromagnetic radiation pollution in an Indian city.	2012-11	Amarjot Kaur Dhani	Department of Applied Sciences, Sant Baba Bhag Singh Institute of Engineering & Technology, Khiala, P.O. Padhiana, Jalandhar, Punjab, India	Environmental Monitoring and Assessment, Vol. 184 (11), Nov 2012, pp. 6507-6512.
Microwaves in the cold war: the Moscow embassy study and its interpretation. Review of a retrospective cohort study.	2012-11	J. Mark Elwood	Epidemiology & Biostatistics, School of Population Health, The University of Auckland, Auckland, New Zealand	Environmental Health, Vol. 11 (1), Nov 2012, p. 85
A comparison of the effect of mobile phone use and alcohol consumption on driving simulation performance.	2012-11	Sumie Leung, Rodney J. Croft, Melinda L. Jackson, Mark E. Howard, Raymond J. Mckenzie	Brain Sciences Institute, Faculty of Life and Social Sciences, Swinburne University of Technology, Melbourne, Australia	Traffic Injury Prevention, Vol. 13 (6), Nov 2012, pp. 566-574
Effect of mobile phones on micronucleus frequency in human exfoliated oral mucosal cells.	2012-11	Ros-Llor I, Mariano Sanchez-Siles, Fabio Camacho-Alonso, Pia Lopez-Jornet	Department of Oral Medicine, Morales Meseguer Hospital, University of Murcia, Murcia, Spain	Oral Diseases, Vol. 18 (8), Nov 2012, pp. 786-792
Use of wireless phones and the risk of salivary gland tumours: a case-control study.	2012-11	Fredrik Söderqvist, Michael Carlberg, Lennart Hardell	Department of Oncology, University Hospital, Örebro, Sweden	European Journal of Cancer Prevention, Vol. 21 (6), Nov 2012, pp. 576-579

Mobile telecommunications and health: report of an investigation into an alleged cancer cluster in Sandwell, West Midlands.	2012-11	Antony Stewart, Jammi N Rao, John D Middleton, Philippa Pearmain, Tim Evans	Faculty of Health, Staffordshire University, Leek Road, Stoke-On-Trent, UK; Sandwell PCT and Metropolitan Borough Council, West Bromwich, UK; West Midlands Cancer Intelligence Unit, University of Birmingham, UK	Perspectives in Public Health, Vol. 132 (6), Nov 2012, pp. 299-304
Effects of GSM 900 MHz on Middle Cerebral Artery Blood Flow Assessed by Transcranial Doppler Sonography.	2012-12	Rania Ghosn, György Thuróczy, Nathalie Loos, Valérie Brenet-Dufour, Sophie Liabeuf, René de Seze and Brahim Selmaoui	Institut National de l'Environnement Industriel et des Risques (INERIS), Department of Experimental Toxicology, Verneuil-en-Halatte, France; Université Picardie Jules Vernes (UPJV), Pérیتox Laboratoire de Périnatalité & Risques Toxiques, connected to INERIS, France; UFR de médecine, Amiens, France; Clinical Research Center, Division of Clinical Pharmacology, Amiens University Hospital, Amiens, France	Radiation Research, Vol. 178 (6), Dec 2012, pp. 543-550
Is human saliva an indicator of the adverse health effects of using mobile phones?	2012-10 published online	Yaniv Hamzany, Raphael Feinmesser, Thomas Shpitzer, Aviram Mizrahi, Ohad Hilly, Roy Hod, Gideon Bahar, Irina Otradnov, Moshe Gavish, Rafael M. Nagler	Department of Otorhinolaryngology, Petah Tiqva and Sackler Faculty of Medicine, Rabin Medical Center, Tel Aviv University, Tel Aviv, Israel; Department of Molecular Pharmacology, Rappaport Faculty of Medicine, Rambam Medical Center, Technion-Israel Institute of Technology, Haifa, Israel; Oral Biochemistry Laboratory, Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Haifa, Israel; Department of Oral and Maxillofacial Surgery, Rambam Medical Center, Haifa, Israel	Antioxidants & Redox Signaling, published online Oct 2012
The effects of a 1.8 GHz continuous electromagnetic fields on mucociliary transport of human nasal mucosa.	2012-10 published online	Martin Corsten, Amin Kassam, Dakheel Al-Mutairi, Ricardo Carrau, Daniel Prevedello	Department of Otolaryngology, School of Medicine, Konyang University, Daejeon, Republic of Korea	The Laryngoscope, published online Oct 2012
Comparison of cytotoxic and genotoxic effects of plutonium-239 alpha particles and mobile phone GSM 900 radiation in the Allium cepa test.	2013-01	Dmitry S. Pesnya, Anton V. Romanovsky	I.D. Papanin Institute for Biology of Inland Waters, Russian Academy of Sciences, Borok, Nekouz, Yaroslavl region, Russia	Mutation Research - Genetic Toxicology and Environmental Mutagenesis, Vol. 750 (1-2), Jan 2013, pp. 27-33
Impact of one's own mobile phone in stand-by mode on personal radiofrequency electromagnetic field exposure.	2012-10 published online	Damiano Urbinello, Martin Röösli	Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland	Journal of Exposure Science and Environmental Epidemiology, published online Oct 2012
Poor-to-moderate agreement between self and proxy interviews of mobile phone use.	2012-10	Hans-Peter Hutter, Lisa Ehrenhöfer, Edith Freuis, Patrik Hartl, Michael Kundi	Institute of Environmental Health, Center for Public Health, Medical University Vienna, Vienna, Austria; Faculty of Psychology, University of Vienna, Vienna, Austria	Bioelectromagnetic s, Vol. 33 (7), Oct. 2012, pp. 561-567
Failure to detect a link between mobile phone use and brain tumours in a large Danish cohort study: but findings may be due to bias.	2012-10	Michael Kundi	Medical University of Vienna, Institute of Environmental Health, Vienna, Austria	Evidence-Based Medicine, Vol. 17 (5), Oct 2012, pp. 165-166
A population-based case-control study of radiofrequency exposure in relation to childhood neoplasm.	2012-10	Chung-Yi Li, Chih-Ching Liu, Ya-Hui Chang, Li-Ping Chou, Ming-Chung Ko	Department and Graduate Institute of Public Health, College of Medicine, National Cheng Kung University, Tainan, Taiwan; Department of Public Health, College of Public Health, China Medical University, Tainan, Taiwan; Bureau of Health Promotion, Department of Health, Executive Yuan, Taipei, Taiwan; Division of Cardiology, Department of Medicine, Sin-Lau Hospital, Tainan, Taiwan; Department of Surgery, Taipei City Hospital, Taipei, Taiwan	Science of the Total Environment, Vol. 435-436, Oct 2012, pp. 472-478
SAR measurement due to mobile phone exposure in a simulated biological media.	2012-09	Jitendra Behari, Jay Prakash Nirala	Bioelectromagnetics Laboratory, School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India	Electromagnetic Biology and Medicine, Vol. 31 (3), Sep 2012, pp. 195-203
On the association between glioma, wireless phones, heredity and ionising radiation.	2012-09	Michael Carlberg, Lennart Hardell	Department of Oncology, University Hospital, Örebro, Sweden	Pathophysiology, Vol. 19 (4), Sep 2012, pp. 243-252
Effects of radiation emitted by WCDMA mobile phones on electromagnetic hypersensitive subjects.	2012-09	Min Kyung Kwon, Joon Yul Choi, Sung Kean Kim, Tae Keun Yoo, Deok Won Kim	Brain Korea 21 Project for Medical Science, Yonsei University College of Medicine, Seoul, South Korea; Department of Medical Engineering, Yonsei University College of Medicine, Seoul, South Korea; Graduate Program in Biomedical Engineering, Yonsei University, Seoul, South Korea; Department of Medicine, Yonsei University College of Medicine, Seoul, South Korea	Environmental Health, published online Sep 2012
Patterns in wireless phone estimation data from a cross-sectional survey: what are the implications for epidemiology?	2012-09	Mary Redmayne, Euan Smith, Michael J. Abramson	School of Geography, Environment and Earth Sciences, Faculty of Science, Victoria University of Wellington, Wellington, New Zealand; Department of Epidemiology and Preventive Medicine, School of Public Health & Preventive Medicine, Monash University, Melbourne, Victoria, Australia	BMJ, Sep 2012
Influence of dentures on SAR in the visible Chinese human head voxel phantom exposed to a mobile phone at 900 and 1800 MHz.	2012-09	Dong Yu, Ruoyu Zhang, Qian Liu	Britton Chance Center for Biomedical Photonics, Wuhan National Laboratory for Optoelectronics-Huazhong University of Science and Technology, Wuhan, China; PR China Key Laboratory of Biomedical Photonics of Ministry of Education, Huazhong University of Science and Technology, Wuhan, China	Bioelectromagnetic s, Vol. 33 (6), Sep 2012, pp. 508-517
Biophysical evaluation of radiofrequency electromagnetic field effects on male reproductive pattern.	2012-08 published online	Kavindra Kumar Kesari, Sanjay Kumar, Jayprakash Nirala, Mohd. Haris Siddiqui, Jitendra Behari	School of Environmental Sciences, Jawaharlal Nehru University, New Delhi, India; Department of Biotechnology, Integral University, Lucknow, India	Cell Biochemistry and Biophysics, published online Aug 2012
Exposure to acute electromagnetic radiation of mobile phone exposure range alters transiently skin homeostasis of a model of pigmented reconstructed epidermis.	2012-08 published online	Delphine Simon, Alexia Daubos, C. Pain, Richard Fitoussi, Katell Vié, Alain Taieb, Lionel de Benetti, Muriel Cario-André	University Bordeaux Segalen, Bordeaux, France; INSERM U1035, Bordeaux, France; Laboratories Clarins, Pontoise, France	International Journal of Cosmetic Science, published online Aug 2012

Mobile phone emissions modulate brain excitability in patients with focal epilepsy.	2012-08 published online	Mario Tombini, Giovanni Pellegrino, Patrizio Pasqualetti, Giovanni Assenza, Antonella Benvenega, Emma Fabrizio, Paolo Maria Rossini	Neurology, Campus Biomedico University, Rome, Italy; AFaR, Department of Neuroscience, Hosp. Fatebenefratelli, Isola Tiberina, Rome, Italy; Neurology, Catholic University of Rome, Rome, Italy; Casa di Cura S. Raffaele, and IRCCS S. Raffaele-Pisana, Rome, Italy	Brain Stimulation, published online Aug 2012
Effect of handheld mobile phone use on parotid gland salivary flow rate and volume.	2012-08	Stuti Bhargava, Mukta Bhagwandas Motwani, Vinod Madan Patni	Department of Oral Medicine and Radiology, Vidhya Shikshan Prasark Mandal's Dental College and Research Centre, Digdoh Hills Hingna Road, Nagpur, Maharashtra, India.	Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology, and Endodontology, Vol. 114 (2), Aug 2012, pp.200-206
Determinants and stability over time of perception of health risks related to mobile phone base stations.	2012-08	Bernd Kowall, Jürgen Breckenkamp, Maria Blettner, Brigitte Schlehofer, Joachim Schüz, Gabriele Berg-Beckhoff	Department of Epidemiology and International Public Health, Faculty of Public Health, University of Bielefeld, Germany; Institute of Biometrics and Epidemiology, German Diabetes Center, Heinrich Heine University, Düsseldorf, Germany; Institute of Medical Biostatistics, Epidemiology, and Informatics, Johannes Gutenberg University, Mainz, Germany; Unit of Environmental Epidemiology, German Cancer Research Center, Heidelberg, Germany; International Agency for Research on Cancer (IARC), Section of Environment and Radiation, Lyon, France; Unit of Health Promotion, Southern University of Denmark, Esbjerg, Denmark	International Journal of Public Health, Vol. 57 (4), Aug 2012, pp. 735-743
Improved classification of evidence for EMF health risks.	2012-08	Norbert Leitgeb	Institut für Health Care Engineering mit Europaprüfstelle für Medizinprodukte, Technische Universität Graz, Graz, Austria	Health Physics, Vol. 103 (2), Aug 2012, pp. 195-199
Effects of radiation emitted from mobile phones on short-term heart rate variability parameters.	2012-08	Metin Yıldız, Derya Yılmaz, Inan Güler, Çağdaş Akgüllü	Başkent Üniversitesi Mühendislik Fakültesi, Biyomedikal Mühendisliği Bölümü, Ankara, Turkey; Gazi Üniversitesi Teknoloji Fakültesi, Elektronik ve Bilgisayar Teknolojileri Bölümü, Ankara, Turkey; Adnan Menderes Üniversitesi Tıp Fakültesi, Kardiyoloji Anabilim Dalı, Aydın, Turkey	Anatolian Journal of Cardiology, Vol. 12 (5), Aug 2012, pp. 406-412
A forecasting method to reduce estimation bias in self-reported cell phone data.	2012-07 published online	Mary Redmayne, Euan Smith, Michael J Abramson	Graduate Diploma of Environmental Studies, School of Geography, Environment and Earth Sciences, Victoria University of Wellington, Wellington, New Zealand	Journal of Exposure Science and Environmental Epidemiology, published online Jul 2012
Changes in tympanic temperature during the exposure to electromagnetic fields emitted by mobile phone.	2012-06	Alicja Bortkiewicz, Elżbieta Gadzicka, Wiesław Szymczak, Marek Zmyślony	Department of Work Physiology and Ergonomics, Nofer Institute of Occupational Medicine, Łódź, Poland; Department of Psychological Research Methodology and Statistics, University of Łódź, Łódź, Poland; Department of Radiation Protection, Nofer Institute of Occupational Medicine, Łódź, Poland	International Journal of Occupational Medicine and Environmental Health, Vol. 25 (2), June 2012, pp. 145-150
Measurements for assessing the exposure from 3G femtocells.	2012-06	Achilles Boursianis, Pantelis Vaniias, Theodoros Samaras	Radiocommunications Laboratory, Department of Physics, Aristotle University of Thessaloniki, Thessaloniki, Greece.	Radiation Protection Dosimetry, Vol. 150 (2), June 2012, pp. 158-167
A geographical model of radio-frequency power density around mobile phone masts.	2012-06	David Briggs, Linda Beale, James Bennett, Mireille B. Toledano, Kees de Hoogh	MRC-HPA Centre for Environment and Health, Department of Epidemiology and Biostatistics, Imperial College London, Norfolk Place, London, UK; Esri, Redlands, California, USA	Science of the Total Environment, Vol 426, June 2012, pp. 233-243
Cell phone use and behavioural problems in young children.	2012-06	Hozefa A Divan, Leeka Kheifets, Carsten Obel, Jørn Olsen	Division of Biostatistics, Department of Preventive Medicine, Keck School of Medicine of the University of Southern California, Los Angeles, CA, USA; Department of Epidemiology, School of Public Health, University of California, Los Angeles, California, USA; Institute of Public Health, University of Aarhus, Aarhus, Denmark	Journal of Epidemiology and Community Health, Vol. 66 (6), June 2012, pp. 524-529
Mobile communications and health of population: the risk assessment, social and ethical problems.	2012-06	Yury Grigoriev	CEMS Research Department, Jouy-en-Josas, France	The Environmentalist, Vol. 32 (2), June 2012, pp. 193-200
Cellular phone hazard for children.	2012-06	Marko S. Markov	Research International, Williamsville, New York, USA	The Environmentalist, Vol. 32 (2), Jun 2012, pp. 201-209
Human short-term exposure to electromagnetic fields emitted by mobile phones decreases computer-assisted visual reaction time.	2012-06	S. M. J. Mortazavi, M. S. Rouintan, S. Taeb, N. Dehghan, A. A. Ghaffarpanah, Z. Sadeghi, F. Ghafouri	Department of Medical Physics and Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; The Center for Research on Radiological Sciences, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Radiological Sciences Research Center, Shiraz University of Medical Sciences, School of Paramedical Sciences, Shiraz, Iran; Department of Radiobiology and Radiation Protection, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Ergonomics, School of Health and Nutrition, Shiraz University of Medical Sciences, Shiraz, Iran	Acta neurologica belgica, Vol. 112 (2), Jun 2012, pp. 171-175
2.45-Gz wireless devices induce oxidative stress and proliferation through cytosolic Ca(2+) influx in human leukemia cancer cells.	2012-06	Mustafa Nazıroğlu, Bilal Çiğ, Salih Doğan, Abdulhadi Cihangir Uğuz, Selin Dilek, Dahdouh Faouzi	Department of Biophysics, Faculty of Medicine, Süleyman Demirel University, Isparta, Turkey; Altınbasak High School, Isparta, Turkey	International Journal of Radiation Biology, Vol. 88 (6), Jun 2012, pp. 449-456

Acute effects of electromagnetic fields emitted by GSM mobile phones on subjective well-being and physiological reactions: a meta-analysis.	2012-05	Christoph Augner, Timo Gnamb, Robert Winker, Alfred Barth	IGGMB - Research Institute for Basic and Frontier Questions of Medicine and Biotechnology, Health Research Institute, University Clinics of the Paracelsus Medical University, Salzburg, Austria; Institute of Working and Organisational Psychology, UMIT — University for Health Sciences, Medical Informatics and Technology, Linz, Austria; Institute of Psychology, University of Osnabrueck, Germany; Division of Occupational Medicine, Medical University of Vienna, Austria	Science of the Total Environment, Vol 424, May 2012, pp. 11-15
Childhood brain tumours and use of mobile phones: comparison of a case-control study with incidence data.	2012-05	Denis Aydin, Maria Feychting, Joachim Schüz, Martin Röösli and CEFALO study team	Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Department of Epidemiology, Institute for Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; International Agency for Research on Cancer (IARC), Section of Environment and Radiation, Lyon, France	Environmental Health, Vol 11 (35), May 2012, p. 1
Non-specific physical symptoms and electromagnetic field exposure in the general population: can we get more specific? A systematic review.	2012-05	Christos Baliatsas, Irene Van Kamp, John Bolte, Maarten Schipper, Joris Yzermans, Erik Lebret	Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; Netherlands Institute for Health Services Research (NIVEL), Utrecht, The Netherlands	Environment International, Vol 41, May 2012, pp. 15-28
Association of mobile phone use with adult brain cancer remains plausible.	2012-05	Devra Lee Davis, Anthony B. Miller, Alasdair Philips	Environmental Health Trust, Teton Village, Wyoming, USA; Dalla Lana School of Public Health, University of Toronto, Toronto, Canada; Powerwatch UK, Sutton, Cambridgeshire UK	British Medical Journal (BMJ), published online May 2012
Health and safety aspects of electricity smart meters. A study into potential health effects of radio frequency emissions from smart meters.	2012-05	Electric Power Engineering Centre	Electric Power Engineering Centre, College of Engineering, University of Canterbury, Christchurch, New Zealand; Wireless Research Centre, College of Engineering, University of Canterbury, Christchurch, New Zealand	Electric Power Engineering Centre, May 2012, pp. 1-18
Study of mobile phone use and glioma risk was fatally flawed.	2012-05	Michael Kundi	Medical University of Vienna, Institute of Environmental Health, Vienna, Austria	British Medical Journal (BMJ), published online May 2012
Effects of the exposure to mobile phones on male reproduction: a review of the literature.	2012-05	Sandro La Vignera, Rosita A. Condorelli, Enzo Vicari, Rosario D'Agata, Aldo E. Calogero	Section of Endocrinology, Andrology and Internal Medicine and Master in Andrological, Human Reproduction and Biotechnology Sciences, Department of Internal Medicine and Systemic Diseases, University of Catania, Catania, Italy	Journal of Andrology, Vol. 33 (3), May-Jun 2012, pp. 350-356
Outdoor radiofrequency radiation levels in the West Bank--Palestine.	2012-05	Adnan Lahham and Alaa Hammash	Center for Radiation Science & Technology, Al-Quds University, Jerusalem, Palestine	Radiation Protection Dosimetry, Vol. 149 (4), May 2012, pp. 399-402
Macht Mobilfunk Kinder krank? Fakten, Spekulationen, Mythen.	2012-05	Norbert Leitgeb	Institut für Health Care Engineering mit Europaprüfstelle für Medizinprodukte, Technische Universität Graz	Monatsschrift Kinderheilkunde, Vol. 160 (5), May 2012, pp. 461-467
Electromagnetic interference and implanted cardiac devices: the nonmedical environment (part I).	2012-05	Juna Misiri, Fred Kusumoto, Nora Goldschlager	Department of Medicine, Division of Cardiovascular Disease, Electrophysiology and Pacing Service, Mayo Clinic, Jacksonville, Florida, USA; Department of Medicine, Cardiology Division, San Francisco Hospital, and Department of Medicine, University of California, San Francisco, California	Clinical Cardiology, 35 (5), May 2012, pp. 276-280
Exposure to radiofrequency electromagnetic fields and sleep quality: A prospective cohort study.	2012-05	Evelyn Mohler, Patrizia Frei, Jürg Fröhlich, Charlotte Braun-Fahländer, Martin Röösli, the QUALIFEX-team	Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Laboratory for Electromagnetic Fields and Microwave Electronics, ETH Zürich, Zürich, Switzerland	PLoS One, Vol. 7(5), May 2012
Lay people's risk perception of cell phone towers and cancer: trend and associated factors, 2005-2010	2012-05	Patrick Peretti-Watel, Chantal Vergélys	UMR 912 Sciences Économiques & Sociales de la Santé & Traitement de l'Information Médicale, Université d'Aix-Marseille, Marseille, France	Santé Publique, Vol. 24 (3), May 2012, pp. 209-218
Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic alpha rhythms in epileptic patients.	2012-05	Fabrizio Vecchio, Mario Tombini, Paola Buffo, Giovanni Assenza, Giovanni Pellegrino, Antonella Benvenga, Claudio Babiloni, Paolo Maria Rossini	AFaR, Department of Neuroscience, Hosp. Fatebenefratelli, Isola Tiberina, Rome, Italy; Neurology, University Campus Biomedico, Rome, Italy; Department of Physiology and Pharmacology, Sapienza University of Rome, Rome, Italy; Department of Biomedical Sciences, University of Foggia, Foggia, Italy; Department of Imaging, San Raffaele Cassino, Italy; Department of Neurology, Catholic University "Sacro Cuore" Rome, Rome, Italy	International Journal of Psychophysiology, Vol. 84 (2), May 2012, pp 164-171
Response: Re: Mobile Phone Use and Brain Tumors in Children and Adolescents: A Multicenter Case-Control Study.	2012-04	Denis Aydin, Maria Feychting, Joachim Schüz, Martin Röösli	Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Department of Epidemiology, Institute for Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; International Agency for Research on Cancer (IARC), Section of Environment and Radiation, Lyon, France	Journal of the National Cancer Institute, Vol 104 (8), April 2012, pp. 637-638
Effects of Bluetooth device electromagnetic field on hearing: pilot study.	2012-04	Rekha Balachandran, Narayanan Prepagaran, Omar Rahmat, Abu Bakar Zulkiflee, K. S. Hufaida	Department of Otorhinolaryngology, University of Malaya, Kuala Lumpur, Malaysia	The Journal of Laryngology & Otology, Vol 126 (4), pp.345-348
Reported functional impairments of electrohypersensitive Japanese: A questionnaire survey.	2012-04	Yasuko Kato, Olle Johansson	VOC-EMF Measures Research Association, Sapporo, Japan	Pathophysiology, Vol. 19 (2), Apr 2012, pp. 95-100
No effects of short-term GSM mobile phone radiation on cerebral blood flow measured using positron emission tomography.	2012-04	Myoung Soo Kwon, Victor Vorobyev, Sami Kännälä, Matti Laine, Juha O. Rinne, Tommi Toivonen, Jarkko Johansson, Mika Teräs, Juho Joutsa, Lauri Tuominen, Harri Lindholm, Tommi Alanko, Heikki Hämäläinen	Department of Psychology, Centre for Cognitive Neuroscience, University of Turku, Finland; Department of Psychology and Logopedics, Abo Akademi University, Turku, Finland; Turku PET Centre, Turku University Hospital, Turku, Finland; STUK Radiation and Nuclear Safety Authority, Helsinki, Finland; Department of Neurology, University of Turku, Turku, Finland; Department of Psychiatry, University of Turku, Turku, Finland; Finnish Institute of Occupational Health, Helsinki, Finland	Bioelectromagnetic s, Vol. 33 (3), Apr 2012, pp. 247-256

Challenging cell phone impact on reproduction: a review.	2012-04	Zaher O. Merhi	Department of Obstetrics and Gynecology and Women's Health, Division of Reproductive Endocrinology and Infertility, Albert Einstein College of Medicine and Montefiore Medical Center, Bronx, New York, USA	Journal of Assisted Reproduction and Genetics, Vol. 29 (4), Apr 2012, pp. 293-297
Re: Mobile phone use and brain tumors in children and adolescents.	2012-04	Samuel Milham	Retired, Washington State Health Department, Washington, USA	Journal of the National Cancer Institute, Vol. 104 (8), Apr 2012, p. 635
Re: Mobile phone use and brain tumors in children and adolescents: a multicenter case-control study.	2012-04	L. Lloyd Morgan, Ronald B. Herberman, Alasdair Philips, Devra Lee Davis	BS, Environmental Health Trust, St. Francisco, Berkeley, California, USA	Journal of the National Cancer Institute, Vol. 104 (8), Apr 2012, pp. 635-637
Improving the efficiency of measurement procedures for assessing human exposure in the vicinity of mobile phone (GSM/DCS/UMTS) base stations.	2012-04	Nebojša Neskovic, Mladen Koprivica, Aleksandar Neskovic, George Paunovic	Telecommunications Department, Faculty of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Radiation Protection Dosimetry, Vol. 149 (3), Apr 2012, pp. 238-244
Mobile phones and multiple sclerosis - a nationwide cohort study in Denmark.	2012-04	Aslak Harbo Poulsen, Egon Stenager, Christoffer Johansen, Joan Bentzen, Søren Friis, Joachim Schüz	Institute of Cancer Epidemiology, Danish Cancer Society, Copenhagen, Denmark; The Danish MS Registry, Copenhagen University Hospital, Copenhagen, Denmark; National Institute of Public Health, University of Southern Denmark, Copenhagen, Denmark; International Agency for Research on Cancer (IARC), Section of Environment and Radiation, Lyon, France; Institute of Regional Health Services, University of Southern Denmark, Odense, Denmark; MS Clinic of Southern Jutland (Sønderborg, Vejle, Esbjerg), Sønderborg Hospital, Sønderborg, Denmark	PLoS One, Vol. 7 (4), published online Apr 2012
Systematic review of wireless phone use and brain cancer and other head tumors.	2012-04	Michael H. Repacholi, Alexander Lerchl, Martin Röösli, Zenon Sienkiewicz, Anssi Auvinen, Jürgen Breckenkamp, Guglielmo d'Inzeo, Paul Elliott, Patrizia Frei, Sabine Heinrich, Isabelle Lagroye, Anna Lahkola, David L. McCormick, Silke Thomas, Paolo Vecchia	Department of Information Engineering, Electronics and Telecommunications, "La Sapienza" University of Rome, Rome, Italy; School of Engineering and Science, Jacobs University, Bremen, Germany; Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, and University of Basel, Basel, Switzerland; Centre for Radiation, Chemical and Environmental Hazards, Health Protection Agency, Chilton, Didcot, UK; STUK, Radiation and Nuclear Safety Authority, Helsinki, Finland; University of Tampere, School of Public Health, Tampere, Finland; Department of Epidemiology and International Public Health, Bielefeld University, Bielefeld, Germany; Department of Epidemiology and Biostatistics, School of Public Health and MRC-HPA Centre for Environment and Health, Imperial College London, UK; Institute of Cancer Epidemiology, Danish Cancer Society, Copenhagen, Denmark; Unit for Occupational and Environmental Epidemiology and NetTeaching, Institute and Outpatient Clinic for Occupational, Social and Environmental Medicine, Clinical Center of the Ludwig Maximilians University, Munich, Germany; Laboratoire de Bioélectromagnétisme EPHE/La	Bioelectromagnetics, Vol. 33 (3), Apr 2012, pp. 187-206
Review of four publications on the Danish cohort study on mobile phone subscribers and risk of brain tumors.	2012-04	Fredrik Söderqvist, Michael Carlberg, Lennart Hardell	Department of Oncology, University Hospital, Örebro, Sweden	Reviews on Environmental Health, Vol. 27 (1), pp. 51-58
Subjective complaints of people living near mobile phone base stations in Poland.	2012-03	Alicja Bortkiewicz, Elżbieta Gadzicka, Agata Szyjkowska, Piotr Politański, Paweł Mamrot, Wiesław Szymczak, Marek Zmysłony	Department of Work Physiology and Ergonomics, Nofer Institute of Occupational Medicine, Łódź, Poland; Department of Radiological Protection, Nofer Institute of Occupational Medicine, Łódź, Poland; Department of Psychological Research Methodology and Statistics, University of Łódź, Łódź, Poland	International Journal of Occupational Medicine and Environmental Health, Vol. 25 (1), March 2012, pp. 31-40
Mobile Phone Use and Incidence of Glioma in the Nordic Countries 1979-2008: Consistency Check.	2012-03	Isabelle Deltour, Anssi Auvinen, Maria Feychting, Christoffer Johansen, Lars Kjaerboe, Risto Sankila, Joachim Schüz	Section of Environment and Radiation, International Agency for Research on Cancer (IARC), Lyon, France	Epidemiology, Vol. 23 (2), March 2012, pp. 301-307
Exposure Limits: The underestimation of absorbed cell phone radiation, especially in children.	2012-03	Om P. Gandhi, L. Lloyd Morgan, Alvaro Augusto de Salles, Yueh-Ying Han, Ronald B. Herberman, Devra Lee Davis	Department of Electrical and Computer Engineering, University of Utah, Salt Lake City, Utah, USA; Environmental Health Trust, Teton Village, Wyoming, USA; Electrical Engineering Department, Federal University of Rio Grande do Sul (UFRGS), Porto Alegre, Brazil; Department of Epidemiology and Community Health, School of Health Sciences and Practice, New York Medical College, Valhalla, New York, USA; Intrexon Corp., Germantown, Maryland, USA	Electromagnetic Biology and Medicine, Vol. 31 (1), March 2012, pp. 34-51
Effect of electromagnetic field exposure on the reproductive system.	2012-03	Myung Chan Gye, Chan Jin Park	Department of Life Science and Institute for Natural Sciences, Hanyang University, Seoul, Korea	Clinical and Experimental Reproductive Medicine, Vol. 39 (1), March 2012, pp. 1-9
Is there any exposure from a mobile phone in stand-by mode?	2012-03	Kjell Hansson Mild, Jørgen Bach Andersen, Gert Frølund Pedersen	Department of Radiation Sciences, Umeå University, Umeå, Sweden; Section on Antennas, Propagation and Radio Networking, Department of Electronic Systems, Faculty of Engineering and Science, Aalborg University, Denmark	Electromagnetic Biology and Medicine, Vol. 31 (1), March 2012, pp. 52-56
Mobile phone use and glioma risk: comparison of epidemiological study results with incidence trends in the United States.	2012-03	M.P Little, P. Rajaraman, R. E. Curtis, S. S. Devesa, P. D. Inskip, D. P. Check, M. S. Linet	Radiation Epidemiology Branch, National Cancer Institute, Rockville, Maryland, USA	BMJ, published online March 2012

Microwave electromagnetic field regulates gene expression in T-lymphoblastoid leukemia CCRF-CEM cell line exposed to 900 MHz.	2012-03	Juan Carlos Trivino Pardo, Settimio Grimaldi, Monia Taranta, Ilaria Naldi, Caterina Cinti	Institute of Clinical Physiology, CNR, Siena, Italy; Institute of Translational Pharmacology, CNR, Rome, Italy	Electromagnetic Biology and Medicine, Vol. 31 (1), Mar 2012, pp. 1-18
Cancer risks in the Druze Isfiya Village: Reasons and RF/MW antennas.	2012-02	Iris Atzmon, Shai Linn, Elihu Richter, Boris A. Portnov	School of Public Health, University of Haifa, Haifa, Israel; Department of Natural Resources & Environmental Management, University of Haifa, Haifa, Israel; Unit of Clinical Epidemiology, Rambam Medical Center, Haifa, Israel; Unit of Occupational and Environmental Medicine, Hebrew University-Hadassah, Jerusalem, Israel	Pathophysiology, Vol 19 (1), Feb 2012, pp. 21-8
No effects of short-term exposure to mobile phone electromagnetic fields on human cognitive performance: A meta-analysis.	2012-02	Alfred Barth, Ivo Ponocny, Timo Gnambs, Robert Winker	Institute of Working and Organisational Psychology, UMIT-University for Health Sciences, Medical Informatics and Technology, Linz, Austria; Department of Tourism and Hospitality Management, MODUL University Vienna, Vienna, Austria; Division of Occupational Medicine, Medical University of Vienna, Vienna, Austria	Bioelectromagnetics, Vol 33 (2), Feb 2012, pp. 159-165
Risk assessment of electromagnetic fields exposure with metallic orthopedic implants: a cadaveric study.	2012-02	David Crouzier, Laurent Selek, B.-A. Martz, Vincent Dabouis, R. Arnaud, Jean-Claude Debouzy	EBR Departement, Military Biomedical Research Institute, La Tronche, France; Department of Neurosurgery, Michallon A Teaching Hospital Center, Boulevard de la Chantourne, Grenoble, France; French Alps Anatomy Research Laboratory, Joseph-Fourier University, Domaine de la Merci, La Tronche, France; SIRT, Military Biomedical Research Institute, CRSSA Unit, La Tronche, France	Orthopaedics & Traumatology: Surgery & Research, Vol. 98 (1), Feb 2012, pp. 90-96
RE: 'The effect of pulsed 900-MHz GSM mobile phone radiation on the acrosome reaction, head morphometry and zona binding of human spermatozoa' by Falzone et al. (Int. J. Androl 34: 20-26, 2011): Authors' Reply.	2012-02	Nadia Falzone, Carin Huyser, P. Becker, Dariusz Leszczynski, Daniel R. Franken	Department of Biomedical Science, Tshwane University of Technology, Pretoria, South Africa	International Journal of Andrology, Vol. 35 (1), p. 104
Epidemiology of primary central nervous system tumors.	2012-02	Graziella Filippini	Fondazione IRCCS Istituto Neurologico Carlo Besta, Milan, Italy	Handbook of Clinical Neurology, Vol. 104, Feb 2012, pp. 3-22
Letter on 'The effect of pulsed 900-MHz GSM mobile phone radiation on the acrosome reaction, head morphometry and zona binding of human spermatozoa' by Falzone et al. (Int J Androl 34: 20-26, 2011).	2012-02	Alexander Lerchl	School of Engineering & Science, Jacobs University Bremen, Bremen, Germany	International Journal of Andrology, Vol. 35 (1), p. 103
Influence of the hand on the Specific Absorption Rate in the Head.	2012-02	Li Chung-Huan, M. Douglas, Erdem Ofli, B. Derat, S. Gabriel, Nicolas Chavannes, Niels Kuster	ETH Zurich, Zurich, Switzerland	Antennas and Propagation, IEEE Transactions on, Vol. 60 (2), Feb 2012, pp. 1066-1074
Long-term digital mobile phone use and cognitive decline in the elderly.	2012-02	Tze Pin Ng, May Li Lim, Mathew Niti, Simon Collinson	Gerontological Research Programme, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Department of Psychological Medicine, Yong Loo Lin School of Medicine, National University of Singapore, Singapore; Research and Evaluation, Ministry of Health, Singapore; Department of Psychology, National University of Singapore, Singapore	Bioelectromagnetics, Vol. 33 (2), Feb 2012, pp. 176-185
Mobile phone radiation interferes laboratory immunoenzymometric assays: Example chorionic gonadotropin assays.	2012-02	Daryoush Shahbazi-Gahrouei, Seyed Mohammad Javad Mortazavi, Hamid Nasri, Azar Baradaran, Milad Baradaran-Ghahfarokhi, Hamid Reza Baradaran-Ghahfarokhi	Department of Medical Physics and Medical Engineering, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran; The Center for Research in Radiological Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Nephrology Department, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran; Department of Pathology, School of Medicine, Isfahan University of Medical Sciences, Isfahan, Iran; Baradaran Pathology Laboratory, Isfahan, Iran	Pathophysiology, Vol. 19 (1), Feb 2012, pp. 43-47
Use of Mobile Phones and Cancer Risk	2012-01	Olushola S Ayanda, Alafara A Baba, Omolola T Ayanda	Department of Chemistry, Faculty of Applied Sciences, Cape Peninsula University of Technology, Cape Town, South Africa; Chemistry Department, University of Ilorin, Ilorin Consortium Medical Laboratory, Lagos State, Nigeria	Asian Pacific Journal of Cancer Prevention, Vol 13 (1), Jan 2012, pp. 403-406
Cell phones and glioma risk: a review of the evidence.	2012-01	Courtney Corle, Milan Makale, Santosh Kesari	Department of Neurosciences, UC San Diego, Moores UCSD Cancer Center, La Jolla, California, USA.	Journal of Neuro-Oncology, Vol. 106 (1), pp. 1-13
Effects of mobile phone signals over BOLD response while performing a cognitive task.	2012-01	Giuseppe Curcio, Davide Nardo, Mauro Gianni Perrucci, Patrizio Pasqualetti, Tzu Ling Chen, Cosimo Del Gratta, Gian Luca Romani, Paolo Maria Rossini	Dipartimento di Scienze della Salute, Università degli Studi dell'Aquila, L'Aquila, Italy; Dipartimento di Neuroscienze, AFaR, Ospedale Fatebenefratelli, Isola Tiberina, Rome, Italy; I.T.A.B., Università G. D'Annunzio, Chieti, Italy; IRCCS S. Raffaele, Cassino, Italy; Neurologia, Università Cattolica, Policlinico Gemelli, Rome, Italy	Clinical Neurophysiology, Vol. 123 (1), Jan 2012, pp. 129-136
Cohort study on the effects of everyday life radio frequency electromagnetic field exposure on non-specific symptoms and tinnitus.	2012-01	Patrizia Frei, Evelyn Mohler, Charlotte Braun-Fahrlander, Jürg Fröhlich, Georg Neubauer, Martin Röösli, the QUALIFEX-team	Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland; Laboratory for Electromagnetic Fields and Microwave Electronics, ETH Zürich, Zürich, Switzerland; Seibersdorf Laboratories, EMC & Optics, Seibersdorf, Austria; Austrian Institute of Technology, Safety and Security Department, Seibersdorf, Austria	Environment International, Vol. 38 (1), Jan 2012, pp. 29-36
Measurement setup and protocol for characterizing and testing radio frequency personal exposure meters.	2012-01	Oliver Lauer, Georg Neubauer, Martin Röösli, Markus Riederer, Patrizia Frei, Evelyn Mohler, Jürg Fröhlich	Laboratory for Electromagnetic Fields and Microwave Electronics, Swiss Federal Institute of Technology Zurich, Zurich, Switzerland; Austrian Institute of Technology GmbH, Seibersdorf, Austria; Swiss Tropical and Public Health Institute, University Basel, Basel, Switzerland; Federal Office of Communication, EMC/NIR, Biel, Switzerland	Bioelectromagnetics, Vol. 33 (1), Jan 2012, pp. 75-85
Individual differences in the effects of mobile phone exposure on human sleep: Rethinking the problem.	2012-01	Sarah P. Loughran, Raymond J. McKenzie, Melinda L. Jackson, Mark E. Howard, Rodney J. Croft	Brain Sciences Institute, Swinburne University of Technology, Melbourne, Australia; Australian Centre for Radiofrequency Bioeffects Research, Melbourne, Australia; Institute of Pharmacology and Toxicology, University of Zurich, Zurich, Switzerland; Sleep and Performance Research Center, Washington State University, Spokane, Washington, USA; Institute for Breathing and Sleep, Austin Health, Melbourne, Australia; School of Psychology, University of Wollongong, Wollongong, NSW, Australia	Bioelectromagnetics, Vol. 33 (1), Jan 2012, pp. 86-93

The influence of low power microwave on the properties of DPPC vesicles.	2012-01	Mohsen M. Mady, Mousa A. Allam	Biophysics Department, Faculty of Science, Cairo University, Giza, Egypt; Department of Physics and Astronomy, College of Science, King Saud University, Riyadh, Saudi Arabia; Spectroscopy Department, National Research Centre, Dokki, Giza, Egypt; Physics Department, Faculty of Science, Taif University, Saudi Arabia	European Journal of Medical Physics, Vol. 28 (1), Jan 2012, pp. 48-53
Assessment of intermittent UMTS electromagnetic field effects on blood circulation in the human auditory region using a near-infrared system.	2012-01	Sonja Spichtig, Felix Scholkmann, Lydia Chin, Hugo Lehmann, Martin Wolf	Biomedical Optics Research Laboratory, Division of Neonatology, Department of Obstetrics and Gynecology, University Hospital Zurich, Zurich, Switzerland; Institute for Biomedical Engineering, Swiss Federal Institute of Technology, Zurich, Switzerland; Swisscom, Innovation Competence Centre, Environment and Electromagnetic Compatibility, Bern, Switzerland	Bioelectromagnetics, Vol. 33 (1), 2012, pp. 40-54
Cell phones: health risks and prevention.	2012-01	Irene Figà Talamanca, Claudia Giliberti, S. Salerno	Facoltà di Scienze, Matematiche, Fisiche e Naturali, Sapienza Università di Roma, Rome, Italy	Annali di Igiene, Vol. 24 (1), Jan 2012, pp. 3-23
Mobile phone emission modulates event-related desynchronization of alpha rhythms and cognitive-motor performance in healthy humans.	2012-01	Fabrizio Vecchio, Paola Buffo, Silvia Sergio, Daniela Iacoviello	AFaR, Department of Neuroscience, Hosp. Fatebenefratelli, Isola Tiberina, Rome, Italy; Department of Physiology and Pharmacology, Sapienza University of Rome, Rome, Italy; Department of Neurology, University Campus Biomedico, Rome, Italy; Casa di Cura San Raffaele, Cassino, Italy; Department of Biomedical Sciences, University of Foggia, Foggia, Italy; Department of Computer and Systems Science, "Antonio Ruberti", University of Rome, "La Sapienza", Rome, Italy	Clinical Neurophysiology, Vol. 123 (1), Jan 2012, pp 121-128
Study of p53 expression and post-transcriptional modifications after GSM-900 radiofrequency exposure of human amniotic cells.	2013-01	Sylvie Bourthoumieu, Amandine Magnaudeix, Faraj Terro, Philippe Leveque, Alice Collin, Catherine Yardin	Department of Histology and Cyto genetics, Limoges University Hospital, Faculty of Medicine, Limoges, France	Bioelectromagnetics, Vol. 34 (1), Jan 2013, pp. 52-60
Effects of 837 and 1950 MHz radiofrequency radiation exposure alone or combined on oxidative stress in MCF10A cells.	2012-10	Mi-Na Hong, Bong-Cho Kim, Young-Gyu Ko, Yun-Sil Lee, Seung-Cheol Hong, Taehong Kim, Jeong-Ki Pack, Hyung-Do Choi, Nam Kim, Jae-Seon Lee	Division of Radiation Cancer Research, Korea Institute of Radiological and Medical Sciences, Seoul, South Korea	Bioelectromagnetics, Vol. 33 (7), Oct. 2012, pp. 604-611
Induction of an adaptive response in human blood lymphocytes exposed to radiofrequency fields: Influence of the universal mobile telecommunication system (UMTS) signal and the specific absorption rate.	2012-08	Olga Zeni, Anna Sannino, Stefania Romeo, Rita Massa, Maurizio Sarti, Abishek B. Reddy, Thomas J. Prihoda, Vijayalaxmi, Maria Rosaria Scarfi	CNR-Institute for Electromagnetic Sensing of Environment, Napoli, Italy	Mutation Research - Genetic Toxicology and Environmental Mutagenesis, Vol. 747 (1), Aug 2012, pp. 29-35
900 MHz radiation does not induce micronucleus formation in different cell types.	2012-07	Henning Hintzsche, Christian Jastrow, Thomas Kleine-Ostmann, Thorsten Schrader, Helga Stopper	Institut für Pharmakologie und Toxikologie, Universität Würzburg, Würzburg, Germany	Mutagenesis, Vol. 27 (4), July 2012, pp. 477-483
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