

## WBF-EXPERTENFORUM 2015

### 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

GF Wiener Akademie für Arbeitsmedizin und Prävention

**ao.Univ.-Prof. Dr. Gerald HAIDINGER**

Zentrum für Public Health an der Medizinischen Universität Wien,

Abteilung für 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

### **Prim. Univ.-Prof. Dr. Stephan MADERSBACHER, FEBU**

Fellow of the European Board of Urology, Generalsekretär der Österreichischen Gesellschaft  
für Urologie, Vorstand der Abteilung für Urologie und Andrologie - EBU Certified Training  
Center - Kaiser-Franz-Josef-Spital, Wien

### **ao.Univ.-Prof. Dr. Wilhelm MOSGÖLLER**

Medizinische Universität Wien

### **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

# **KONSENSUSBESCHLUSS**

## **WBF-EXPERTENFORUM 2016**

### **Präambel**

Die Aussagen, die der WBF über mögliche Gesundheitseffekte – als Folge der Exposition gegenüber hochfrequenten elektromagnetischen Feldern (vor allem Mobilfunk) – macht, basieren auf den Ergebnissen von 151 wissenschaftlichen Arbeiten aus dem Zeitraum Februar 2015 bis inklusive Juni 2016.

Eine Schlüsselfunktion kommt der Qualität des Studiendesigns (wie etwa Exposition, Aufbau der Untersuchung, statistische Datenanalyse) zu.

Die wissenschaftliche Qualität der einzelnen Studien ist weiterhin sehr unterschiedlich, was bei der Gesamtbeurteilung berücksichtigt wurde.

Wie bisher muss festgestellt werden, dass selbst völlig unakzeptable Arbeiten den Weg in die wissenschaftliche Literatur gefunden haben.

Die divergierenden Ergebnisse in Tier- und Zellexperimenten lassen keine Schlüsse auf die Gesundheit des Menschen zu.

### **Mobilfunk und Befindlichkeit**

Störungen der Befindlichkeit durch hochfrequente elektromagnetische Felder der Mobilfunkeinrichtungen sind nach heutigem Kenntnisstand nicht nachweisbar.

Sofern Studien qualitativ hochwertig waren, konnte kein Einfluss auf die Befindlichkeit objektiviert werden. Psychologische Effekte (wie z.B. der so genannte "Nocebo-Effekt") sind möglich. Die Art der Aufklärung beeinflusst die persönliche Risikowahrnehmung.

Personen mit behaupteter Überempfindlichkeit gegenüber HF-EMF scheinen eine Subgruppe von Personen mit behaupteter Überempfindlichkeit gegen Umwelteinflüsse zu sein.

### **Mobilfunk und Nervensystem**

#### **Kognitive Fähigkeiten**

Nach dem derzeitigen Stand der Forschung sind negative Auswirkungen durch Mobilfunk auf kognitive Funktionen nicht anzunehmen.

## **Gehirnaktivität**

Für einzelne physiologische Parameter im Wach- und Schlafzustand sowie in der Hirndurchblutung werden unterschiedliche Veränderungen ohne klinische Relevanz gefunden.

## **Mobilfunk und Gentoxizität**

Bisher konnten gentoxische Wirkungen von Mobilfunkfeldern nicht eindeutig nachgewiesen werden.

Die Rolle von „oxidativem Stress“ ist nach wie vor nicht zweifellos geklärt.

Es gibt Hinweise darauf, dass „Adaptive Response“ auch von Mobilfunkfeldern induziert werden kann.

## **Mobilfunk und Kinder/Jugendliche**

Es gibt keine neuen relevanten Studien, die belegbare Aussagen über die häufig angenommene erhöhte Empfindlichkeit von Kindern gegenüber EMF erlauben würden.

Sofern Verhaltensänderungen bei Kindern und Jugendlichen nach Gebrauch von Mobiltelefonen gefunden wurden, können diese nicht zwangsläufig auf elektromagnetische Strahlung zurückgeführt werden. Sie sind wahrscheinlich durch andere Faktoren, wie z.B. geändertes Sozialverhalten bedingt.

## **Mobiltelefone und männliche Fertilität**

Die bisher vorliegenden Studien können konklusiv einen negativen Einfluss von Mobilfunk auf die Zeugungsfähigkeit von Männern nicht nachweisen.

## **Mobilfunk und HNO**

Untersuchungen beim Menschen über funktionelle Beeinflussungen im HNO-Bereich zeigen keine Auswirkungen der EMF auf klinisch-funktioneller Ebene. Auf der Proteinebene und auf der ultrastrukturellen Ebene lassen sich Veränderungen darstellen. Insgesamt ist die Bedeutung für den Handygebrauch - auch wegen methodischer Mängel - derzeit nicht beurteilbar.

## **Mobilfunk und Tumorentwicklung**

Aus epidemiologischer Sicht kann derzeit keine gesicherte und endgültige Aussage zur Mobilfunk-Technologie im Hinblick auf das Risiko für Krebserkrankungen getätigt werden.

Aufgrund der Unsicherheit (lange Latenzzeit, Problematik der geeigneten Expositionserfassung) bisher vorliegender Ergebnisse von Studien zum Zusammenhang von Mobilfunknutzung mit der Entstehung von Krebserkrankungen wird weiterhin ein sorgsamer Umgang mit der Mobiltelefonie empfohlen, bis eine hinreichend große Anzahl qualitativ hochwertiger Studien vorliegt und eine endgültige Einschätzung eines möglichen Risikos gegeben ist.

## **Dosimetrie**

Die Unterschiede in der Qualität der Expositionserfassung in dosimetrischen Studien haben sich vergrößert.

Die Verkleinerung der Zellengröße (Femtozellen, Pikozenen) kann zu einer bedeutenden Reduktion der Exposition des Nutzers durch das Mobiltelefon führen.

Messungen an Basisstationen in mehreren Ländern zeigen, dass ihre Expositionen um Faktoren zwischen ca. tausend und zehn Millionen unterhalb der Grenzwerte von ICNIRP liegen.

Zu vielversprechenden Neuentwicklungen in der Dosimetrie gehören Textilantennen und neue qualitativ hochwertige Phantome von Kindern.

## **Allgemeine Aussagen**

Die aktuelle Datenlage bestätigt die bisherigen Erkenntnisse des WBF:

- Eine unmittelbare Gefährdung der Gesundheit durch Mobilfunk ist nach wie vor nicht erwiesen.

Weiterhin gibt es offene Fragen:

- Mögliche gesundheitliche Langzeitfolgen für Erwachsene und Kinder
- Methodik der Expositionserfassung bei epidemiologischen und experimentellen Studien
- Umsetzung der Ergebnisse von Tierversuchen auf den Menschen
- Neue Überlegungen zum Mechanismus der Absorption im Gewebe

Empfehlungen des WBF:

- Optimierung und Standardisierung der Expositionserfassung
- Untersuchungen zu grundlegenden Mechanismen nur dann, wenn sich entscheidende neue Ansatzpunkte ergeben
- Durchgehende Beachtung der „Good Laboratory Practice“
- Umsichtiger Umgang bei Verwendung der Mobilfunktechnologien bis zur Klärung noch offener Fragen

## Literaturliste WBF Expertenforum 2016

Recherche Zeitraum 07/15 - 07/16

Name der Studie	Datum der Veröffentlichung	Autor/Herausgeber	Beteiligte wissenschaftliche Institute	Quelle
<b>Mobile phone use and the risk of parotid gland tumors: a retrospective case-control study</b>	2016-01	Al-Qahtani K	Department of Otolaryngology-Head & Neck Surgery, College of Medicine, King Saud University, KSA	The Gulf Journal of Oncology, Issue 20, Jan 2016, pp. 71-78
<b>Analysis of the Genotoxic Effects of Mobile Phone Radiation using Buccal Micronucleus Assay: A Comparative Evaluation</b>	2016-03	Banerjee S, Singh NN, Sreedhar G, Mukherjee S	Department of Oral Pathology and Oral Microbiology, Dental College, Regional Institute of Medical Sciences, Lamphelpat, Imphal, Manipur, India; Department of Oral Pathology, Kothiwal Dental College and Research Center, Moradabad, Uttar Pradesh, India; Department of Oral and Maxillofacial Pathology and Microbiology, Babu Banarasi Das College of Dental Sciences, Lucknow, Uttar Pradesh, India; Department of Biochemistry, Manipur University, Imphal, Manipur, India	Journal of Clinical and Diagnostic Research, Vol. 10 (3), Mar 2016, pp. 82-85
<b>Instruments to assess and measure personal and environmental radiofrequency-electromagnetic field exposures</b>	2016-03	Bhatt CR, Redmayne M, Abramson MJ, Benke G	Centre for Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia	Australasian Physical & Engineering Sciences in Medicine, Vol 39 (1), Mar 2016, pp. 29-42
<b>Parallel beta-sheet vibration band increases with proteins dipole moment under exposure to 1765 MHz microwaves</b>	2016-02	Calabro E, Magazu S	Department of Physics and Earth Sciences, University of Messina, Messina, Italy	Bioelectromagnetic s, Vol 37 (2), Feb 2016, pp. 99-107
<b>Does exposure to environmental radiofrequency electromagnetic fields cause cognitive and behavioral effects in 10-year-old boys?</b>	2016-01	Calvente I, Perez-Lobato R, Nunez MI, Ramos R, Guxens M, Villalba J, Olea N, Fernandez MF	Instituto de Investigacion Biosanitaria (ibs.GRANADA), Granada, Spain; Department of Radiology, University of Granada, Spain; CIBERde Epidemiologlay Salud Publica (CIBERESP), Granada, Madrid, Spain; Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Pompeu Fabra University, Barcelona, Spain	Bioelectromagnetic s, Vol 37 (1), Jan 2016, pp. 25-36
<b>Has the incidence of brain cancer risen in Australia since the introduction of mobile phones 29 years ago?</b>	2016-06	Chapman S, Azizi L, Luo Q, Sitas F	School of Public Health, University of Sydney, Australia; Cancer Council NSW, Sydney, Australia; School of Public Health and Community Medicine, University of New South Wales, Australia	Cancer Epidemiology, Vol 42, Jun 2016, pp. 199-205

<b>Focal points for improving communications about electromagnetic fields and health: a mental models approach</b>	2016-02	Claassen L, Bostrom A, Timmermans DRM	Department of Public and Occupational Health and the EMGO Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; Evans School of Public Affairs, University of Washington, Seattle, USA	Journal of Risk Research, Vol 19 (2), Feb 2016, pp. 246-269
<b>Infants and young children modeling method for numerical dosimetry studies: application to plane wave exposure</b>	2016-02	Dahdouh S, Varsier N, Nunez Ochoa MA, Wiart J, Peyman A, Bloch I	LTCI, CNRS, Télécom ParisTech, Université Paris Saclay, Paris, France; Whist Lab, Paris, France; Orange Labs, Issy les Moulineaux, France; Institut Mines-Telecom, Telecom Bretagne, Brest, France; Center for Radiation, Chemicals and Environmental Hazards, Public Health England, Chilton, Didcot, UK	Physics in Medicine and Biology, Vol 61 (4), Feb 2016, pp. 1500-1514
<b>Does electromagnetic hypersensitivity originate from nocebo responses? Indications from a qualitative study</b>	2016-01	Dieudonne M	Centre Max Weber and Université Lumière-Lyon 2, Lyon, France	Bioelectromagnetics, Vol 37 (1), Jan 2016, pp. 14-24
<b>The effects of the duration of mobile phone use on heart rate variability parameters in healthy subjects</b>	2016-04 published online	Ekici B, Tanindi A, Ekici G, Diker E	Department of Cardiology, Faculty of Medicine, Ufuk University, Ankara, Turkey; Department of Occupational Therapy, Hacettepe University, Faculty of Health Sciences, Ankara, Turkey; Department of Cardiology, Medicana International Ankara Hospital, Ankara, Turkey	The Anatolian Journal of Cardiology, published online Apr 2016
<b>Association between overuse of mobile phones on quality of sleep and general health among occupational health and safety students</b>	2016-03	Eyvazlou M, Zarei E, Rahimi A, Abazari M	Department of Occupational Health Engineering, Tehran University of Medical Sciences, Iran; Department of Occupational Health and Safety Engineering, Research Center for Health Sciences, Hamadan University of Medical Sciences, Iran; School of Allied-Health Sciences, Tehran University of Medical Sciences, Tehran, Iran; Department of Public Health, School of Public Health, Ardabil University of Medical Sciences, Ardabil, Iran	Chronobiology International: The Journal of Biological and Medical Rhythm Research, Vol 33 (2), Mar 2016, pp. 293-300
<b>Characterisation of exposure to non-ionising electromagnetic fields in the Spanish INMA birth cohort: study protocol</b>	2016-02 published online	Gallastegi M, Guxens M, Jimenez-Zabala A, Calvente I, Fernandez M, Birks L, Struchen B, Vrijheid M, Estarlich M, Fernandez MF, Torrent M, Ballester F, Aurrekoetxea JJ, Ibarluzea J, Guerra D, Gonzalez J, Rööslä M, Santa-Marina L	BIODONOSTIA Health Research Institute, Paseo Dr. Beguiristain, San Sebastian, Spain; University of the Basque Country (UPV/EHU), Faculty of Pharmacy, Vitoria-Gasteiz, Spain; ISGlobal, Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Pompeu Fabra University, Barcelona, Spain; Spanish Consortium for Research on Epidemiology and Public Health (CIBERESP), Instituto de Salud Carlos III, Madrid, Spain; Department of Child and Adolescent Psychiatry/Psychology, Erasmus University Medical Centre-Sophia Children's Hospital, Rotterdam, The Netherlands; BIODONOSTIA Health Research Institute, Paseo Dr. Beguiristain, San Sebastian, Spain; and more	BMC Public Health, Vol 16 (167), published online Feb 2016
<b>Effect of GSTM1 and GSTT1 Polymorphisms on Genetic Damage in Humans Populations Exposed to Radiation From Mobile Towers</b>	2016-04	Gulati S, Yadav A, Kumar N, Kanupriya, Aggarwal NK, Kumar R, Gupta R	Department of Biochemistry, Kurukshetra University, Kurukshetra, Haryana, India; Department of Biotechnology, Kurukshetra University, Kurukshetra, Haryana, India; Department of Microbiology, Kurukshetra University, Kurukshetra, Haryana, India; Department of Forensic Medicine, PGIMER, Chandigarh, India	Archives of Environmental Contamination and Toxicology, Vol 70 (3), Apr 2016, pp. 615-625
<b>Drone based measurement system for radiofrequency exposure assessment</b>	2016-03 published online	Joseph W, Aerts S, Vandenbossche M, Thielens A, Martens L	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	Bioelectromagnetics, published online Mar 2016, pp. 195-199
<b>Large scale study on the variation of RF energy absorption in the head &amp; brain regions of adults and children and evaluation of the SAM phantom conservativeness</b>	2016-04	Keshvari J, Kivento M, Christ A, Bit-Babik G	Department of applied Physics and COMP Center of Excellence, Aalto University, School of Science, Aalto, Finland; Department of Biomedical Engineering, Tampere University of Technology, Tampere, Finland	Physics in Medicine and Biology, Vol 61 (8), Apr 2016, pp. 2991-3008

<b>The use of cell phone and insight into its potential human health impacts</b>	2016-04	Kim KH, Kabir E, Jahan SA	Department of Civil and Environmental Engineering, Hanyang University, Seoul, Republic of Korea; Department of Farm, Power and Machinery, Bangladesh Agricultural University, Mymensingh, Bangladesh; BRAC Clinic, Rayerbazar, Dhada, Bangladesh	Environmental Monitoring and Assessment, Apr 2016, pp. 188-221
<b>Statistical analysis of electromagnetic radiation measurements in the vicinity of indoor microcell GSM/UMTS base stations in Serbia</b>	2016-01	Koprivica M, Petric M, Neskovic N, Neskovic A	Department of Telecommunications, Radiocommunications Laboratory, School of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Bioelectromagnetics, Vol 37 (1), Jan 2016, pp. 69-76
<b>Statistical analysis of electromagnetic radiation measurements in the vicinity of GSM/UMTS base station installed on buildings in Serbia</b>	2016-03	Koprivica M, Slavkovic V, Neskovic N, Neskovic A	Radiocommunications Laboratory, Telecommunications Department, School of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Radiation Protection Dosimetry, Vol 168 (4), Mar 2016, pp. 489-502
<b>Etiology of Pituitary Tumors: A Case Control Study</b>	2016	Leng L, Zhang Y	Beijing Neurosurgical Institute, Beijing, China; Capital Medical University, Beijing, China	Turkish Neurosurgery, Vol 26 (2), 2016, pp. 195-199
<b>Effect of radiofrequency radiation in cultured mammalian cells: A review</b>	2016-04 published online	Manna D, Ghosh R	Department of Biochemistry & Biophysics, University of Kalyani, Kalyani, India	Electromagnetic Biology and Medicine, published online Apr 2016
<b>Residential exposure to RF-EMF from mobile phone base stations: Model predictions versus personal and home measurements</b>	2016-04	Martens AL, Slotje P, Meima MY, Beekhuizen J, Timmermans D, Kromhout H, Smid T, Vermeulen RC	Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Utrecht, The Netherlands; Department of Public and Occupational Health, EMGO + Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; Department of General Practice and Elderly Care, EMGO + Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; KLM Health Services, Schiphol, The Netherlands; Imperial College, Department of Epidemiology and Public Health, London, United Kingdom; ulius Center for Health Sciences and Primary Care, University Medical Center Utrecht (UMCU), Utrecht, The Netherlands	Science of The Total Environment, Vol 550, Apr 2016, pp. 987-993
<b>Tinnitus and cell phones: the role of electromagnetic radiofrequency radiation</b>	2016-02_01	Medeiros LN, Sanchez TG	Department of Otolaryngology, Faculdade de Medicina, Universidade de São Paulo (USP), São Paulo, Brazil; Association for Interdisciplinary Research and Divulcation of Tinnitus, São Paulo, Brazil	Brazilian Journal of Otorhinolaryngology, Vol 82 (1), Jan-Feb 2016, pp. 97-104
<b>Letter to the Editor: Tinnitus and cell phones: the role of electromagnetic radiofrequency radiation</b>	2016-04_03	Mortazavi SM, Mortazavi SA	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Brazilian Journal of Otorhinolaryngology, Vol 82 (2), Mar-Apr 2016, pp. 248-249



<b>Association of Exposure to Radio-Frequency Electromagnetic Field Radiation (RF-EMFR) Generated by Mobile Phone Base Stations with Glycated Hemoglobin (HbA1c) and Risk of Type 2 Diabetes Mellitus</b>	2015-11	Meo SA, Alsubaie Y, Almubarak Z, Almutawa H, AlQasem Y, Hasanato RM	Department of Physiology, College of Medicine, King Saud University, Riyadh, Saudi Arabia; Department of Clinical Bio-Chemistry, College of Medicine, King Saud University, Riyadh, Saudi Arabia	International Journal of Environmental Research and Public Health, Vol 12 (11), Nov 2015, pp. 14519-14528
<b>Comments on Meo et al. Association of exposure to radio-frequency electromagnetic field radiation (RF-EMFR) generated by mobile phone base stations with glycated hemoglobin (HbA1c) and risk of type 2 diabetes mellitus</b>	2016-02	Mortazavi SA, Mortazavi G, Mortazavi SM	Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	International Journal of Environmental Research and Public Health, Vol 13 (3), Feb 2016
<b>Response to comments on Meo et al. Association of exposure to radio-frequency electromagnetic field radiation (RF-EMFR) generated by mobile phone base stations with glycated hemoglobin (HbA1c) and risk of type 2 diabetes mellitus</b>	2016-02	Meo SA, Alsubaie Y, Almubarak Z, Almutawa H, AlQasem Y, Hasanato RM	Department of Physiology, College of Medicine, King Saud University, Riyadh, Saudi Arabia; Department of Clinical Bio-Chemistry, College of Medicine, King Saud University, Riyadh, Saudi Arabia	International Journal of Environmental Research and Public Health, Vol 13 (3), Feb 2016
<b>Does chronic exposure to mobile phones affect cognition?</b>	2016-03_01	Mohan M, Khaliq F, Panwar A, Vaney N	Department of Physiology, SSR Medical College, Mauritius; Department of Physiology, UCMS & GTB Hospital, Delhi, India	Functional Neurology, Vol 31 (1), Jan-Mar 2016, pp. 47-51
<b>Increased release of mercury from dental amalgam fillings due to maternal exposure to electromagnetic fields as a possible mechanism for the high rates of autism in the offspring: introducing a hypothesis</b>	2016-03	Mortazavi G, Haghani M, Rastegarian N, Zarei S, Mortazavi SM	Pahlavankoshi Health Center, Ahrum Health Network, Buser University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 6 (1), Mar 2016, pp. 41-46
<b>The Fundamental Reasons Why Laptop Computers should not be Used on Your Lap</b>	2016 published online	Mortazavi SAR, Taeb S, Mortazavi SMJ, Zarei S, Haghani M, Habibzadeh P, Shojaei-fard MB	School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Speech Pathology Department, School of rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical & Physics Engineering, published online 2016
<b>Analysis of circadian properties and healthy levels of blue light from smartphones at night</b>	2015-06	Oh JH, Yoo H, Park HK, Do YR	Department of Chemistry, Kookmin University, Seoul, Republik of Korea	Scientific Reports, 5:11325, Jun 2015
<b>Letter to the Editor: Is it Blue Light or Increased Electromagnetic Fields which Affects the Circadian Rhythm in People who Use Smartphones at Night</b>	2016-03	Mortazavi SM, Mortazavi SA, Habibzadeh P, Mortazavi G	Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran	Iranian Journal of Public Health, Vol 45 (3), Mar 2016, pp. 405-406

<b>Effects of electromagnetic field (1.8/0.9GHz) exposure on growth plate in growing rats</b>	2016-02	Nisbet HO, Akar A, Nisbet C, Gulbahar MY, Ozak A, Yardimci C, Comlekci S	Department of Surgery, Veterinary Faculty, University of Ondokuz Mayıs, Samsun, Turkey; Department of Biophysics, Medicine Faculty, University of Ondokuz Mayıs, Samsun, Turkey; Department of Biochemistry, Veterinary Faculty, University of Ondokuz Mayıs, Samsun, Turkey; Department of Pathology, Veterinary Faculty, University of Ondokuz Mayıs, Samsun, Turkey; Department of Electronics and Communication Engineering, Engineering Faculty, University of Suleyman Demirel, Isparta, Turkey	Research in Veterinary Science, Vol 104, Feb 2016, pp. 24-29
<b>"Hot Nano Spots" as an Interpretation of So-Called Non-Thermal Biological Mobile Phone Effects</b>	2016-03 published online	Pfützner H	Institute for Electrodynamics, Microwave & Circuit Engineering, Technische Universität Wien, Vienna, Austria	Journal of Electromagnetic Analysis and Applications, Vol 8 (3), published online Mar 2016, pp. 62-69
<b>Descriptive epidemiology and risk factors of primary central nervous system tumors: Current knowledge</b>	2016-01	Pouchieu C, Baldi I, Gruber A, Berteaud E, Carles C, Loiseau H	ISPED, Équipe Santé Travail Environnement, Université de Bordeaux, Bordeaux, France; Inserm, ISPED, Centre Inserm U1219, Bordeaux Population Health Center, Bordeaux, France; Service de médecine du travail, CHU de Bordeaux, Bordeaux, France; Service de neurochirurgie, CHU de Bordeaux, Bordeaux, France	Revue Neurologique, Vol 172 (1), Jan 2016, pp. 46-55
<b>Sperm DNA damage - the effect of stress and everyday life factors</b>	2016-04	Radwan M, Jurewicz J, Merecz-Kot D, Sobala W, Radwan P, Bochenek M, Hanke W	Department of Gynecology and Reproduction, 'Gameta' Hospital, Rzgów, Poland; Department of Environmental Epidemiology, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Health and Work Psychology, Nofer Institute of Occupational Medicine, Lodz, Poland; Department of Biotechnology of Animal Reproduction, National Research Institute of Animal Production, Kraków Balice, Poland	International Journal of Impotence Research, Apr 2016
<b>Use of mobile and cordless phones and cognition in Australian primary school children: a prospective cohort study</b>	2016-02	Redmayne M, Smith CL, Benke G, Croft RJ, Dalecki A, Dimitriadis C, Kaufman J, Macleod S, Sim MR, Wolfe R, Abramson MJ	Population Health Research on Electromagnetic Energy (PRESEE), School of Public Health and Preventive Medicine, Monash University, Melbourne, Australia; School of Psychology, University of Wollongong, Northfields Avenue, Wollongong, Australia; Swinburne University of Technology, John Street, Hawthorn, Australia	Environmental Health, Vol 15 (1), Feb 2016
<b>The 2100 MHz radiofrequency radiation of a 3G-mobile phone and the DNA oxidative damage in brain</b>	2016-01 published online	Sahin D, Ozgur E, Guler G, Tomruk A, Unlu I, Sepici-Dincel A, Seyhan N	Department of Medical Biochemistry, Başkent University Faculty of Medicine, Ankara, Turkey; Department of Biophysics, Gazi University Faculty of Medicine and Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey; Department of Otorhinolaryngology, Düzce University Faculty of Medicine, Düzce, Turkey; Department of Medical Biochemistry, Gazi University, Faculty of Medicine, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Jan 2016
<b>Effect of long-term exposure to mobile phone radiation on alpha-Int1 gene sequence of Candida albicans</b>	2016-05 published online	Shahin-Jafari A, Bayat M, Shahhosseiny MH, Tajik P, Roudbar-Mohammadi S	Department of Pathobiology, Faculty of Veterinary Specialized Sciences, Science and Research Branch, Islamic Azad University, Tehran, Iran; Department of Microbiology, Shahr-e-Qods Branch, Islamic Azad University, Tehran, Iran; Faculty of Medical Mycology, Tarbiat Modares University, Tehran, Iran	Saudi Journal of Biological Sciences, Vol 23 (3), published online May 2015, pp. 426-433

<b>Short-term exposure to electromagnetic fields generated by mobile phone jammers decreases the fasting blood sugar in adult male rats</b>	2016-03	Shekoohi Shooli F, Mortazavi SA, Jarideh S, Nematollahii S, Yousefi F, Haghani M, Mortazavi SM	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical & Physics Engineering, Vol 6 (1), Mar 2016, pp. 27-32
<b>Effect of electromagnetic radiations from mobile phone base stations on general health and salivary function</b>	2016-02_01	Singh K, Nagaraj A, Yousuf A, Ganta S, Pareek S, Vishnani P	Department of Public Health Dentistry, Jaipur Dental College, Jaipur, Rajasthan, India; Department of Public Health Dentistry, Government Dental College, Srinagar, Jammu and Kashmir, India	Journal of International Society of Preventive & Community Dentistry, Vol 6 (1), Jan-Feb 2016, pp. 54-59
<b>Cell phone use is associated with an inflammatory cytokine profile of parotid gland saliva</b>	2016-02 published online	Siqueira EC, de Souza FT, Ferreira E, Souza RP, Macedo SC, Friedman E, Gomez MV, Gomes CC, Gomez RS	Department of Oral Surgery and Pathology, School of Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of Social and Preventive Dentistry, School of Dentistry, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of General Biology, Biological Sciences Institute, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; The Susanne Levy Gertner Oncogenetics Unit, Sheba Medical Center Tel Hashomer and the Sackler School of Medicine, Tel-Aviv University, Tel-Aviv, Israel; School of Medicine, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil; Department of Pathology, Institute of Biological Sciences, Universidade Federal de Minas Gerais, Belo Horizonte, Brazil	Journal of Oral Pathology & Medicine, published online Feb 2016
<b>Mobile Phone Usage and its Health Effects Among Adults in a Semi-Urban Area of Southern India</b>	2016-01	Stalin P, Abraham SB, Kanimozhy K, Prasad RV, Singh Z, Purty AJ	Department of Community Medicine, Pondicherry Institute of Medical Sciences, Puducherry, India	Journal of Clinical and Diagnostic Research, Vol. 10 (1), Jan 2016, pp. 14-16
<b>Assessing electromagnetic radiation in our environment</b>	2016-04_03	Teixeira TA, Hasan SF	University of Massachusetts Amherst, USA; School of Engineering and Advanced Technology, Massey University, New Zealand	IEEE Potentials, Vol 35 (2), Mar-Apr 2016, pp. 22-25
<b>The role of electromagnetic fields in neurological disorders</b>	2016-04 published online	Terzi M, Ozberk B, Deniz OG, Kaplan S	Department of Neurology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey; Department of Histology and Embryology, Faculty of Medicine, Ondokuz Mayıs University, Samsun, Turkey	Journal of Chemical Neuroanatomy, published online Apr 2016

<b>A Personal, Distributed Exosimeter: Procedure for Design, Calibration, Validation, and Application</b>	2016-02	Thielens A, Vanveerdeghem P, Van Torre P, Gangler S, Rössli M, Rogier H, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium; Department of Epidemiology and Public Health, Swiss Tropical and Public Health Institute, Basel, Switzerland; University of Basel, Basel, Switzerland	Sensors, Vol 16 (2), Feb 2016
<b>A source-based measurement database for occupational exposure assessment of electromagnetic fields in the INTEROCC study: a literature review approach</b>	2016-03	Vila J, Bowman JD, Richardson L, Kincl L, Conover DL, McLean D, Mann S, Vecchia P, van Tongeren M, Cardis E	Center for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Universitat Pompeu Fabra (UPF), Barcelona, Spain; CIBER Epidemiología y Salud Pública (CIBERESP), Barcelona, Spain; National Institute for Occupational Safety and Health (NIOSH), Cincinnati, OH, USA; University of Montreal Hospital Research Centre (CRCHUM), Montreal, Canada; Oregon State University (OSU), Corvallis, OR, USA; Massey University, Wellington, New Zealand; Public Health England (PHE), Chilton, UK; National Institute of Health (ISS), Rome, Italy; Institute of Occupational Medicine (IOM), Edinburgh, UK	The Annals of Occupational Hygiene, Vol 60 (2), Mar 2016, pp. 184-204
<b>Effects of electromagnetic fields exposure on plasma hormonal and inflammatory pathway biomarkers in male workers of a power plant</b>	2016-01	Wang Z, Fei Y, Liu H, Zheng S, Ding Z, Jin W, Pan Y, Chen Z, Wang L, Chen G, Xu Z, Zhu Y, Yu Y	Department of Epidemiology and Health Statistics, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Bioelectromagnetics Laboratory, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Department of Neurosurgery, The Second Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang, China	International Archives of Occupational and Environmental Health, Vol 89 (1), Jan 2016, pp. 33-42
<b>Effects of electromagnetic fields on serum lipids in workers of a power plant</b>	2016-02	Wang Z, Wang L, Zheng S, Ding Z, Liu H, Jin W, Pan Y, Chen Z, Fei Y, Chen G, Xu Z, Yu Y	Department of Epidemiology and Health Statistics, School of Public Health, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China; Bioelectromagnetics Laboratory, Faculty of Medicine, Zhejiang University, Hangzhou, Zhejiang, China	Environmental Science and Pollution Research, Vol 23 (3), Feb 2016, pp. 2495-2504
<b>Controversies on electromagnetic field exposure and the nervous systems of children</b>	2016-05	Warille AA, Onger ME, Turkmen AP, Deniz OG, Altun G, Yurt KK, Altunkaynak BZ, Kaplan S	Department of Anatomy, College of Medicine, University of Hail, Hail, Kingdom of Saudi Arabia; Department of Histology and Embryology, Medical School, Ondokuz Mayıs University, Samsun, Turkey	Histology and Histopathology, Vol 31 (5), May 2016, pp. 461-468

<b>Long-Term Evolution electromagnetic fields exposure modulates the resting state EEG on alpha and beta bands</b>	2016-04 published online	Yang L, Chen Q, Lv B, Wu T	Bioelectromagnetic Lab, China Academy of Telecommunication Research of Ministry of Industry and Information Technology, Beijing, China; Department of Radiology, Beijing Tongren Hospital, Capital Medical University, Beijing, China	Clinical EEG and Neuroscience, published online Apr 2016
<b>Effects of cell phone use on semen parameters: results from the MARHCS cohort study in Chongqing, China</b>	2016-05	Zhang G, Yan H, Chen Q, Liu K, Ling X, Sun L, Zhou N, Wang Z, Zou P, Wang X, Tan L, Cui Z, Zhou Z, Liu J, Ao L, Cao J	Institute of Toxicology, College of Preventive Medicine, Third Military Medical University, Chongqing, China; Department of Environmental Health, College of Preventive Medicine, Third Military Medical University, Chongqing, China	Environment International, Vol. 91, May 2016, pp. 116-121
<b>Effects of electromagnetic fields from mobile phones on depression and anxiety after titanium mesh cranioplasty among patients with traumatic brain injury</b>	2016-01	Zhu Y, Jin W, Liu H, Peng D, Ding Z, Tang Z, Zhu L, Yu Y	Department of Neurosurgery, Second Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, Zhejiang, China; Department of Epidemiology & Health Statistics, Zhejiang University, Hangzhou, Zhejiang, China; Chronic Disease Research Institute, School of Public Health, School of Medicine, Zhejiang University, Hangzhou, Zhejiang, China	Brain Injury, Vol 30 (1), Jan 2016, pp. 66-73
<b>Different methods for evaluating the effects of microwave radiation exposure on the nervous system</b>	2015-12 published online	Altunkaynak BZ, Altun G, Yahyazadeh A, Kaplan AA, Deniz OG, Turkmen AP, Onger ME, Kaplan S	Department of Histology and Embryology, Medical Faculty, Ondokuz Mayıs University, Samsun, Turkey	Journal of Chemical Neuroanatomy, published online Dec 2015
<b>Electromagnetic fields from mobile phone base station - variability analysis</b>	2015-09	Bienkowski P, Zubrzak B	Electromagnetic Environment Protection Laboratory, Wrocław University of Technology, Wrocław, Poland	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 257-261
<b>Influence of electromagnetic field (1800 MHz) on lipid peroxidation in brain, blood, liver and kidney in rats</b>	2015	Bodera P, Stankiewicz W, Antkowiak B, Paluch M, Kieliszek J, Sobiech J, Niemcewicz M	Military Institute of Hygiene and Epidemiology, Department of Microwave Safety, Warszawa, Poland; Military Institute of Hygiene and Epidemiology, Department of Pharmacology and Toxicology, Warszawa, Poland; Military Institute of Hygiene and Epidemiology, Biological Threat Identification and Countermeasure Center, Puławy, Poland	International Journal of Occupational Medicine and Environmental Health, Vol 28 (4), 2015, pp. 751-759
<b>Do car-mounted mobile measurements used for radio-frequency spectrum regulation have an application for exposure assessments in epidemiological studies?</b>	2016-01	Bolte JF, Maslanyj M, Addison D, Mee T, Kamer J, Colussi L	Centre for Sustainability, Environment and Health, National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; Centre for Radiation, Chemical and Environmental Hazards, Public Health England, Chilton, Didcot, UK; Radiocommunications Agency Netherlands, Amersfoort, The Netherlands	Environment International, Vol 86, Jan 2016, pp. 75-83
<b>Measurement of human exposure to LTE base stations: present status and future challenges in measurement methodology</b>	2015-09	Bornkessel C, Hein M, Wuschek M	RF & Microwave Lab., Tech. Univ. Ilmenau, Ilmenau, Germany; Electrical Engineering & Media Technology, Technische Hochschule Deggendorf, Deggendorf, Germany	IEEE European Microwave Conference (EuMC) 2015, Sep 2015, pp. 881-884

<b>Cell phone radiation effects on cytogenetic abnormalities of oral mucosal cells</b>	2015-10 published online	Daroit NB, Visioli F, Magnusson AS, Vieira GR, Rados PV	Universidade Federal do Rio Grande do Sul – UFRGS, School of Dentistry, Department of Oral Pathology, Porto Alegre, RS, Brazil; Prefeitura Municipal de Porto Alegre – PMPA, Coordenação de Vigilância em Saúde, Porto Alegre, RS, Brazil.	Brazilian Oral Research, Vol 29 (1), published online Oct 2015
<b>The link between radiofrequencies emitted from wireless technologies and oxidative stress</b>	2015-09 published online	Dasdag S, Akdag MZ	Department of Biophysics, Medical School of Istanbul Medeniyet University, Istanbul, Turkey; Department of Biophysics, Medical School of Dicle University, Diyarbakir, Turkey	Journal of Chemical Neuroanatomy, published online Sep 2015
<b>Effects of mobile phone exposure (GSM 900 and WCDMA/UMTS) on polysomnography based sleep quality: An intra- and inter-individual perspective</b>	2016-02	Danker-Hopfe H, Dorn H, Bolz T, Peter A, Hansen ML, Eggert T, Sauter C	Competence Center of Sleep Medicine and Sleep Research, Department of Psychiatry and Psychotherapy, Charité – Universitaetsmedizin Berlin, Campus Benjamin Franklin, Berlin, Germany; Institute of Mobile and Satellite communication Technology GmbH, Kamp-Lintfort, Germany	Environmental Research, Vol 145, Feb 2016, pp. 50-60
<b>A numerical analysis of temperature distribution in human eye when exposed to electromagnetic radiation</b>	2015-07	Deepika B, Ramya V, Yamuna T, Kalpana R	Department of Biomedical Engineering, Rajalakshmi Engineering College, Chennai, India	2015 IEEE International Conference on Electronics, Computing and Communication Technologies (CONECCT), Jul 2015, pp. 1-5
<b>New Horizons in Enhancing the Proliferation and Differentiation of Neural Stem Cells Using Stimulatory Effects of the Short Time Exposure to Radiofrequency Radiation</b>	2015-09	Eghlidospour M, Mortazavi SM, Yousefi F, Mortazavi SA	Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-Ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 95-104
<b>Dosimetric Simulations of Brain Absorption of Mobile Phone Radiation - The Relationship Between psSAR and Age</b>	2015-11	Fernandez-Rodriguez CE, Almeida de Salles AA, Davis DL	Federal Institute of Education, Science and Technology of Rio Grande do Sul, Canoas, Brazil; Electrical Engineering Department, Universidade Federal do Rio Grande do Sul, Porto Alegre, Brazil; Environmental Health Trust, Teton Village, Wyoming, USA	IEEE Access, Vol 3, Nov 2015, pp. 2425-2430
<b>Exposure Knowledge and Perception of Wireless Communication Technologies</b>	2015-11	Freudenstein F, Correia LM, Oliveira C, Sebastiao D, Wiedemann PM	Institute for Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology, Berlin, Germany; Instituto Superior Técnico/INOV-INESC, University of Lisbon, Lisbon, Portugal; Faculty of Social Sciences, University of Wollongong, Wollongong, New South Wales, Australia	International Journal of Environmental Research and Public Health, Vol 12 (11), Nov 2015, pp. 14177-14191
<b>Exposure perception as a key indicator of risk perception and acceptance of sources of radio frequency electromagnetic fields</b>	2015-07 published online	Freudenstein F, Wiedemann PM, Brown TW	Institute for Technology Assessment and Systems Analysis, Karlsruhe Institute of Technology, Berlin, Germany; School of Social Sciences, University of Wollongong, Wollongong, New South Wales, Australia; Institute for Communication Systems Research, University of Surrey, Guildford, Surrey, UK	Journal of Environmental and Public Health, published online Jul 2015

<b>Yes the Children are more exposed to radio-frequency energy from mobile telephones than adults</b>	2015-06	Gandhi OMP	Department of Electrical and Computer Engineering, University of Utah, Salt Lake City, USA	IEEE Access, Vol 3, Jun 2015, pp. 985-988
<b>Clustering of excess health concerns for electromagnetic fields among health personnel: A quantitative and qualitative approach</b>	2015-08	Gerakopoulou P, Matsoukis IL, Giagkou N, Dessypris N, Cassimos DC, Petridou ET	Department of Hygiene, Epidemiology and Medical Statistics, Athens University Medical School, Greece; Pediatric Department, Medical School, Democritus University of Thrace, Greece; Department of Hygiene, Epidemiology and Medical Statistics, Athens University Medical School, Greece	Journal of Health Psychology, Vol 20 (8), Aug 2015, pp. 1060-1072
<b>Validating self-reported mobile phone use in adults using a newly developed smartphone application</b>	2015-11	Goedhart G, Kromhout H, Wiaart J, Vermeulen R	Department of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; Whist Lab, Institut Mines Telecom and Orange Labs, Paris, France; Department of Environmental Epidemiology, Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; School of Public Health, Imperial College London, London, UK	Occupational & Environmental Medicine, Vol 72 (11), Nov 2015, pp. 812-818
<b>Using software-modified smartphones to validate self-reported mobile phone use in young people: a pilot study</b>	2015-10	Goedhart G, Vrijheid M, Wiaart J, Hours M, Kromhout H, Cardis E, Eastman Langer C, de Llobet Viladoms P, Massardier-Pilonchery A, Vermeulen R	Department of Environmental Epidemiology, Utrecht University, Institute for Risk Assessment Sciences (IRAS), Utrecht, The Netherlands; Centre for Research in Environmental Epidemiology (CREAL), Barcelona, Spain; Biomedical Research Centre Network for Epidemiology and Public Health (CIBERESP), Barcelona, Spain; Universitat Pompeu Fabra (UPF), Barcelona, Spain; Whist Lab, Institute Mines-T, é, lécom/Orange, Paris, France; Epidemiological Research and Surveillance Unit in Transport, Occupation and Environment (UMRESTTE), Université de Lyon/The French Institute of science and technology for transport, development and networks (IFSTTAR), Lyon, France	Bioelectromagnetics, Vol 36 (7), Oct 2015, pp. 538-543
<b>Radiofrequency electromagnetic radiation exposure inside the metro tube infrastructure in Warszawa</b>	2015-09	Gryz K, Karpowicz J	Laboratory of Electromagnetic Hazards, Central Institute for Labour Protection – National Research Institute (CIOP-PIB), Warszawa, Poland	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 265-273
<b>Neurodegenerative changes and apoptosis induced by intrauterine and extrauterine exposure of radiofrequency radiation</b>	2015-10 published online	Guler G, Ozgur E, Keles H, Tomruk A, Vural SA, Seyhan N	Department of Biophysics, Gazi University School of Medicine and Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey; Department of Pathology, Faculty of Veterinary Medicine, Afyon Kocatepe University, Afyonkarahisar, Afyon, Turkey; Department of Pathology, Faculty of Veterinary Medicine, Ankara University, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Oct 2015
<b>Millimeter-wave electromagnetic field exposure from mobile terminals</b>	2015-07_06	Guraliuc AR, Zhadobov M, Sauleau R, Marnat L, Dussopt L	Institute of Electronics and Telecommunications of Rennes, University of Rennes, France; Univ. Grenoble Alpes, Grenoble, France; CEA, LETI, Minatoc Campus, Grenoble, France	European Conference on Networks and Communications (EuCNC) 2015, Jun-Jul 2015, pp. 82-85
<b>Assessment of Personal Exposure to Wireless Communication Technologies in Different Microenvironments</b>	2015-09	Hamiti E, Ibrani M, Ahma L, Halili R, Berisha D, Shala V	Faculty of Electrical and Computer Engineering, University of Prishtina, Prishtina, Republic of Kosovo	9th International Conference on Next Generation Mobile Applications, Services and Technologies, Sep 2015, pp. 188-192

<b>Comments on Hardell and Carlberg Increasing Rates of Brain Tumors in the Swedish National Inpatient Register and the Causes of Death Register</b>	2015-09	Ahlbom A, Feychting M, Holmberg L, Johansson LA, Mathiesen T, Pettersson D, Schuz J, Talback M	Institute of Environmental Medicine, Karolinska Institutet, Stockholm, Sweden; Regional Cancer Center, Uppsala/Örebro and The National Board of Health and Welfare, Stockholm, Sweden; Nordic Collaborating Centre for Classifications in Health Care, St. Olavs Pass, Oslo, Norway; Department of Clinical Neuroscience, Karolinska Institutet, Stockholm, Sweden; Neurosurgery Clinic at the Karolinska University Hospital, Solna, Sweden; Section of Environment and Radiation, International Agency for Research on Cancer, Lyon, France	International Journal of Environmental Research and Public Health, Vol 12 (9), Sep 2015, pp. 11662-11664
<b>Response to Ahlbom et al. Comments on Hardell and Carlberg Increasing Rates of Brian Tumors in the Swedish National Inpatient Register and the Causes of Death Register</b>	2015-09	Hardell L, Carlberg M	Department of Oncology, Faculty of Medicine and Health, Örebro University, Örebro, Sweden	International Journal of Environmental Research and Public Health, Vol 12 (9), Sep 2015, pp. 11665-11669
<b>Environmental Radiofrequency Electromagnetic Fields Exposure at Home, Mobile and Cordless Phone Use, and Sleep Problems in 7-Year-Old Children</b>	2015-10	Huss A, van Eijdsden M, Guxens M, Beekhuizen J, van Strien R, Kromhout H, Vrijktotte T, Vermeulen R	Institute for Risk Assessment Sciences, Utrecht University, Utrecht, The Netherlands; Institute for Social and Preventive Medicine, Bern, Switzerland; Department of Epidemiology, Documentation and Health Promotion, Public Health Service of Amsterdam (GGD), Amsterdam, The Netherlands; Center for Research in Environmental Epidemiology, Barcelona, Spain; Department of Environmental Health, Public Health Service of Amsterdam (GGD), Amsterdam, The Netherlands; Department of Public Health, Academic Medical Center, University of Amsterdam, Amsterdam, The Netherlands; Julius Centre for Public Health Sciences and Primary Care, University Medical Centre, Utrecht, The Netherlands	PLoS ONE, Vol 10 (10), Oct 2015, pp. 1-14
<b>An historical overview of the activities in the field of exposure and risk assessment of non-ionizing radiation in Bulgaria</b>	2015-09	Israel M	National Centre of Public Health and Analyses-Sofia, Medical University-Pleven, Sofia, Bulgaria	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 183-189
<b>Does Occupational Exposure of Shahid Dastghieb International Airport Workers to Radiofrequency Radiation Affect Their Short Term Memory and Reaction Time?</b>	2015-09	Jarideh S, Taeb S, Pishva SM, Haghani M, Sina S, Mortazavi SAR, Hosseini MA, Nematollahi S, Shokrpour N, Hassan Shahi M, Mortazavi SMJ	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Shahid Dastghieb International Airport, Shiraz, Iran; Radiation Research Center, Nuclear Engineering Department, School of Mechanics, Shiraz University, Shiraz, Iran; School of Medicine Shiraz University, Shiraz, Iran; Department of Biostatistics, School of Medicine Shiraz University, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 143-150
<b>Power Level Distributions of Radio Base Station Equipment and User Devices in a 3G Mobile Communication Network in India and the Impact on Assessments of Realistic RF EMF Exposure</b>	2015-07	Joshi P, Agrawal M, Thors B, Colombi D, Kumar A, Tornevik C	Ericsson Research, Ericsson AB, Stockholm, Sweden; Ericsson India, Gurgaon, India	IEEE Access, Vol 3, Jul 2015, pp. 1051-1059
<b>Electromagnetic field and brain development</b>	2015-12 published online	Kaplan S, Deniz OG, Onger ME, Turkmen AP, Yurt KK, Aydin I, Altunkaynak BZ, Davis D	Department of Histology and Embryology, Medical School of Ondokuz Mayıs University, Samsun, Turkey; Environmental Health Trust, Teton Village, Wyoming, United States	Journal of Chemical Neuroanatomy, published online Dec 2015



<b>A study of SAR pattern in biological tissues due to RF exposure</b>	2015-12	Kaur B, Singh S, Kumar J	Department of Electronics and Communication Engineering, PEC University of Technology, Chandigarh, India; Department of Electrical Engineering, PEC University of Technology, Chandigarh, India;	2nd International Conference on Recent Advances in Engineering & Computational Sciences (RAECS) 2015, Dec 2015, pp. 1-5
<b>The effect of superposition of 900 MHz and incoherent noise electromagnetic fields on the induction of reactive oxygen species in SP2/0 cell line</b>	2015-07	Kazemi E, Mortazavi SMJ, Ghanbari AA, Mozdarani H, Sharif Zadeh S, Mostafavi pour Z, Zal F, Haghdoost S	Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Medical Physics and Medical Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Electrical Engineering, School of Engineering, Shiraz University, Shiraz, Iran; Department of Medical Genetics, Faculty of Medical Sciences, Tarbiat Modares University, Tehran, Iran; Department of Immunology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Biochemistry, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Molecular Bioscience, Wenner-Gren Institute, Stockholm University, Stockholm Sweden	International Journal of Radiation Biology, Jul 2015, Vol 13 (3), pp 275-280
<b>Mobile phone base stations and well-being - A meta-analysis</b>	2016-02	Klaps A, Ponocny I, Winker R, Kundi M, Auersperg F, Barth A	Department of Psychology, Sigmund Freud University Vienna, Austria; Department of Applied Statistics and Economics, MODUL University Vienna, Austria; Health and Prevention Center of the Insurance Institution for Vienna Employees, Austria; Department of Public Health, Medical University Vienna, Austria; Department of Psychology, Sigmund Freud University Linz, Austria	Science of the Total Environment, Vol 544, Feb 2016, pp. 24-30
<b>Conversion from mono-axial to isotropic measurements for assessing human exposure to electromagnetic fields of GSM/DCS/UMTS base stations</b>	2015-10	Koprivica M, Neskovic A, Neskovic N	Radiocommunications Laboratory, Telecommunications Department, School of Electrical Engineering, University of Belgrade, Belgrade, Serbia	Annals of Telecommunications, Vol 70 (9), Oct 2015, pp. 407-414
<b>Children's Mobile Phone Use and Dosimetry</b>	2015-07	Lee AK, Kwon JH	Radio Technology Research Department, Electronics and Telecommunications Research Institute, Daejeon, Korea	Journal of Electromagnetic Engineering and Science, Vol 15 (3), Jul 2015, pp. 167-172
<b>Synoptic Analysis of Epidemiologic Evidence of Glioma Risk from Mobile Phones</b>	2015-09	Leitgeb N	Institute of Health Care Engineering, Graz University of Technology, Graz, Austria	Journal of Electromagnetic Analysis and Applications, Vol 7 (9), Sep 2015, pp. 233-243
<b>Effects of Radio-Frequency Exposure on Synchronous Brain Electrical Activity in Humans</b>	2015-09	Lin JC	University of Illinois at Chicago, Chicago, Illinois, USA	IEEE Microwave Magazine, Vol 16 (8), Sep 2015, pp. 12-20
<b>Effect of short-term mobile phone base station exposure on cognitive performance, body temperature, heart rate and blood pressure of Malaysians</b>	2015-08	Malek F, Rani KA, Rahim HA, Omar MH	School of Electrical System Engineering, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia; School of Computer and Communication Engineering, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia; Faculty of Engineering Technology, Universiti Malaysia Perlis (UniMAP), Pauh Putra, Arau, Perlis, Malaysia	Scientific Reports, 5:13206, Aug 2015

<b>Protect children from EMF</b>	2015-09	Markov M, Grigoriev Y	Research International, Williamsville, NY, USA; Russian National Committee for Protection from Nonionizing Radiation, Russia	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 251-256
<b>Validity of at home model predictions as a proxy for personal exposure to radiofrequency electromagnetic fields from mobile phone base stations</b>	2015-10	Martens AL, Bolte JF, Beekhuizen J, Kromhout H, Smid T, Vermeulen RC	Institute for Risk Assessment Sciences (IRAS), Division Environmental Epidemiology, Utrecht University, Utrecht, The Netherlands; Department of Public and Occupational Health, EMGO+ Institute for Health and Care Research, VU University Medical Center, Amsterdam, The Netherlands; National Institute for Public Health and the Environment (RIVM), Bilthoven, The Netherlands; KLM Health Services, Schiphol, The Netherlands; Julius Centre for Health Sciences and Primary Care, University Medical Center, Utrecht, The Netherlands; Imperial College, Department of Epidemiology and Public Health, London, United Kingdom	Environmental Research, Vol 142, Oct 2015, pp. 221-226
<b>Electromagnetic fields in working life. A guide to risk assessment</b>	2015	Mild KH, Sandström M	Department of Radiation Sciences, Umeå University, Sweden; Department of Occupational and Environmental Medicine, Public Health & Clinical Medicine, Umeå University, Sweden	European Trade Union Institute, 2015, ISBN 978-2-87452-336-6
<b>Computation of effective dielectric constant and electric field in the human head: A preliminary study for electromagnetic wave effect</b>	2015-12	Mishra V, Kumar N, Puthucheri S, Agarwala V, Singh D	Microwave Imaging and Space Technology Application Laboratory, Department of Electronics and Communication Engineering, Indian Institute of Technology Roorkee, Uttarakhand, India; Department of Metallurgical and Materials Engineering, Indian Institute of Technology Roorkee, Uttarakhand, India	IEEE 10th International Conference on Industrial and Information Systems (ICIIS) 2015, Dec 2015
<b>A regularised boundary element formulation for contactless SAR evaluations within homogeneous and inhomogeneous head phantoms</b>	2015-11	Mitharwal R, Andriulli FP	Computational Electromagnetics Research Laboratory, Microwave Department, Télécom Bretagne, Brest, France	Comptes Rendus Physique, Vol 16 (9), Nov 2015, pp. 776-788
<b>Children Absorb Higher Doses of Radio Frequency Electromagnetic Radiation From Mobile Phones Than Adults</b>	2015-09	Morris RD, Morgan LL, Davis D	Environmental Health Trust, Teton Village, Wyoming USA; Environmental Trust, Berkeley, California, USA	IEEE Access, Vol 3, Sep 2015, pp. 2379-2387
<b>Survey of the Effects of Exposure to 900 MHz Radiofrequency Radiation Emitted by a GSM Mobile Phone on the Pattern of Muscle Contractions in an Animal Model</b>	2015-09	Mortazavi SM, Rahimi S, Talebi A, Soleimani A, Rafati A	Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Department of Epidemiology, School of Health, Tabriz University of Medical Sciences, Tabriz, Iran; Physiology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 121-132
<b>Comment on Lerchl study: "Tumor promotion in mice by exposure to radiofrequency electromagnetic fields still waiting evidence"</b>	2015-11	Nesslany F, Aurengo A, Bonnet-Belfais M, Lambrozo J	Genetic Toxicology Department, Institut Pasteur de Lille, France; Medical Studies Department, EDF SA, Levallois-Perret, France	Biochemical and Biophysical Research Communications, Vol 467 (1), Nov 2015, pp. 101-102
<b>Effects of prenatal exposure to a 900 MHz electromagnetic field on 60-day-old rat testis and epididymal sperm quality</b>	2016	Odaci E, Hanci H, Yulug E, Turedi S, Aliyazicioglu Y, Kaya H, Colakoglu S	Department of Histology and Embryology, Karadeniz Technical University, Trabzon, Turkey; Department of Medical Biochemistry, Faculty of Medicine, Karadeniz Technical University, Trabzon, Turkey; Department of Electrical and Electronic Engineering, Faculty of Engineering, Karadeniz Technical University, Trabzon, Turkey; Department of Anatomy, Faculty of Medicine, Düzce University, Düzce, Turkey	Biotechnic & Histochemistry, Vol 91 (1), 2016, pp. 9-19

<b>Exposure assessment of smartphones and tablets</b>	2015-08	Oliveira C, Mackowiak M, Correia LM	Instituto Superior Técnico, INOV-INESC, University of Lisbon, Portugal	International Symposium on Wireless Communication Systems (ISWCS) 2015, Aug 2015, pp. 436-440
<b>Effects of chronic exposure to electromagnetic waves on the auditory system</b>	2015-08	Ozgur A, Tumkaya L, Terzi S, Kalkan Y, Erdivanli OC, Dursun E	Department of Otorhinolaryngology and Department of Histology and Embryology, Medical Faculty, Recep Tayyip Erdogan University, Rize, Turkey	Acta Oto-Laryngologica, Vol 135 (8), Aug 2015, pp. 765-770
<b>Microwave frequency electromagnetic fields (EMFs) produce widespread neuropsychiatric effects including depression</b>	2015-08 published online	Pall ML	Professor Emeritus of Biochemistry and Basic Medical Sciences, Washington State University, Portland, Oregon, USA	Journal of Chemical Neuroanatomy, published online Aug 2015
<b>Real versus Simulated Mobile Phone Exposures in Experimental Studies</b>	2015-08 published online	Panagopoulos DJ, Johansson O, Carlo GL	National Center for Scientific Research "Demokritos", Athens, Greece; Department of Biology, University of Athens, Athens, Greece; Radiation and Environmental Biophysics Research Centre, Athens, Greece; Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm, Sweden; The Science and Public Policy Institute, Institute for Healthful Adaptation, Falls Church, Virginia, USA	BioMed Research International, published online Aug 2015
<b>Exposure of farm workers to electromagnetic radiation from cellular network radio base stations situated on rural agricultural land</b>	2015-12 published online	Pascuzzi S, Santoro F	University of Bari 'Aldo Moro', Italy	International Journal of Occupational Safety and Ergonomics, Vol 21 (3), published online Dec 2015, pp. 351-358
<b>Assessment of contribution of other users to own total whole-body RF absorption in train environment</b>	2015-12	Plets D, Joseph W, Aerts S, Vermeeren G, Varsier N, Wiart J, Martens L	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium; Orange Labs Networks and Carriers, Issy-Les-Moulineaux, France	Bioelectromagnetics, Vol 36 (8), Dec 2015, pp. 597-602
<b>Exposure to Radiofrequency Radiation Emitted from Common Mobile Phone Jammers Alters the Pattern of Muscle Contractions: an Animal Model Study</b>	2015-09	Rafati A, Rahimi S, Talebi A, Soleimani A, Haghani M, Mortazavi SMJ	Physiology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Department of Epidemiology, School of Health, Tabriz University of Medical Sciences, Tabriz, Iran; Ionizing and Non-ionizing Radiation Protections Research Center (INIR-PRC), Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 133-142
<b>Radiofrequency exposure in young and old: different sensitivities in light of age-relevant natural differences</b>	2015-12	Redmayne M, Johansson O	Population Health Research on Electromagnetic Energy (PRESEE), Department of Epidemiology and Preventive Medicine, Monash University, Melbourne, Australia; The Experimental Dermatology Unit, Department of Neuroscience, Karolinska Institute, Stockholm, Sweden	Reviews on Environmental Health, Vol 30 (4), Dec 2015, pp. 323-335
<b>A statistical assessment of ambient electromagnetic field using body-worn multiaxial sensors</b>	2015-11	Roblin C	LTCI, Télécom ParisTech & CNRS, Communications & Electronics Dept., Paris, France	Comptes Rendus Physique, Vol 16 (9), Nov 2015, pp. 802-818

<b>Near-field radiofrequency electromagnetic exposure assessment</b>	2015-09	Rubtsova N, Perov S, Belaya O, Kuster N, Balzano Q	Federal State Budgetary Scientific Institution, Research Institute of Occupational Health, Moscow, Russian Federation; Foundation for Research on Information Technologies in Society, Zurich, Switzerland; Department of Electrical and Computer Engineering, University of Maryland, Maryland, USA	Electromagnetic Biology and Medicine, Vol 34 (3), Sep 2015, pp. 180-182
<b>Opinion on potential health effects of exposure to electromagnetic fields</b>	2015-09	Scientific Committee on Emerging Newly Identified Health Risks (SCENIHR)	European Commission, DG Health and Food Safety, Directorate C: Public Health, Luxembourg	Bioelectromagnetics, Vol 36 (6), Sep 2015, pp. 480-484
<b>Comments on SCENIHR: Opinion on potential health effects of exposure to electromagnetic fields</b>	2016-04	Sage C, Carpenter D, Hardell L	Sage Associates, Santa Barbara, California, USA; University of Albany, New York Institute for Health and the Environment, Albany, New York, USA; Department of Oncology, Orebro University Hospital, Orebro, Sweden	Bioelectromagnetics, Vol 37 (3), Apr 2016, pp. 190-192
<b>Reply to comment of Sage et al. on SCENIHR's opinion on potential health effects of exposure to electromagnetic fields</b>	2016-04	Leitgeb N	Member of European Commission's Scientific Committee of Emerging and Newly Identified Health Risks (SCENIHR), Institute of Health Care Engineering, Graz University of Technology, Graz, Austria	Bioelectromagnetics, Vol 37 (3), Apr 2016, pp. 193-194
<b>Controversies related to electromagnetic field exposure on peripheral nerves</b>	2015-12 published online	Say F, Altunkaynak BZ, Coskun S, Deniz OG, Yildiz C, Altun G, Kaplan AA, Kaya SE, Piskin A	Department of Orthopedics and Traumatology, Medical School, Ondokuz Mayıs University, Samsun, Turkey; Department of Histology and Embryology, Medical School, Ondokuz Mayıs University, Samsun, Turkey	Journal of Chemical Neuroanatomy, published online Dec 2015
<b>Memory performance, wireless communication and exposure to radiofrequency electromagnetic fields: A prospective cohort study in adolescents</b>	2015-12	Schoeni A, Roser K, Rössli M	Swiss Tropical and Public Health Institute, Department of Epidemiology and Public Health, Basel, Switzerland; University of Basel, Basel, Switzerland	Environment International, Vol 85, Dec 2015, pp. 343-351
<b>Exposure to non-ionizing electromagnetic radiation from mobile telephony and the association with psychiatric symptoms</b>	2015-10	Silva DF, Barros WR, Almeida MD, Rego MA	Centro de Pesquisas Gonçalo Moniz, Fundação Oswaldo Cruz, Salvador, Brasil; Faculdade de Medicina da Bahia, Universidade Federal da Bahia, Salvador, Brasil.	Cadernos de Saúde Pública, Vol 31 (10), Oct 2015
<b>Effect of cell phone-like electromagnetic radiation on primary human thyroid cells</b>	2016-02	Silva V, Hilly O, Strenov Y, Tzabari C, Hauptman Y, Feinmesser R	Laboratory of Otorhinolaryngology Research, The Felsenstein Medical Research Center, The Sackler School of Medicine, Tel Aviv University, Petach Tikva; Department of Otorhinolaryngology Head and Neck Surgery, Rabin Medical Center, Beilinson Campus, Petach Tikva; Department of Pathology, Rabin Medical Center, Beilinson Campus, Petach Tikva; Galsafe Ltd, Or'Yehuda, Israel	International Journal of Radiation Biology, Vol 92 (2), Feb 2016, pp. 107-115
<b>Effects of GSM modulated radio-frequency electromagnetic radiation on permeability of blood-brain barrier in male &amp; female rats</b>	2015-12 published online	Sirav B, Seyhan N	Gazi University, Faculty of Medicine, Department of Biophysics, Ankara, Turkey; Gazi Non-Ionizing Radiation Protection Center, Ankara, Turkey	Journal of Chemical Neuroanatomy, published online Dec 2015
<b>Whole-Body Averaged Specific Absorption Rate Estimation Using a Personal, Distributed Exposimeter</b>	2015-07	Thielens A, Vanveerdeghem P, Agneessens S, Van Torre P, Vermeeren G, Rogier H, Martens L, Joseph W	Department of Information Technology, Ghent University/iMinds, Ghent, Belgium	IEEE Antennas and Wireless Propagation Letters, Vol 14, Jul 2015, pp. 1534-1537
<b>Effects of concurrent caffeine and mobile phone exposure on local target probability processing in the human brain</b>	2015-09 published online	Trunk A, Stefanics G, Zentai N, Bacskay I, Felinger A, Thuoroczy G, Hernadi I	Department of Experimental Neurobiology, University of Pécs, Hungary; Translational Neuromodeling Unit (TNU), Institute for Biomedical Engineering, University of Zurich & ETH Zurich, Switzerland; Laboratory for Social and Neural Systems Research, Department of Economics, University of Zürich, Switzerland; Department of Analytical and Environmental Chemistry, University of Pécs, Hungary; Szentágothai Research Centre, University of Pécs, Hungary; National Institute for Radiobiology and Radiohygiene (NIRR), Budapest, Hungary	Scientific Reports, 5: 14434, published online Sep 2015

<b>Activity and expression of acetylcholinesterase in PC12 cells exposed to intermittent 1.8 GHz 217-GSM mobile phone signal</b>	2016-01	Valbonesi P, Franzellitti S, Bersani F, Contin A, Fabbri E	Interdepartmental Centre for Environmental Science Research, University of Bologna, Campus of Ravenna, Italy; Department of Biological, Geological and Environmental Sciences, University of Bologna, Bologna, Italy; Department of Physics, University of Bologna, Bologna, Italy	International Journal of Radiation Biology, Vol 92 (1), Jan 2016, pp. 1-10
<b>Workers exposure to cell phone radiations</b>	2015-12_11	Valbonesi S, Bisceglia B	Consorzio Elettra 2000, Pontecchio Marconi (BO), Italy; University of Salerno Fisciano (SA), Italy	IEEE 15th Mediterranean Microwave Symposium (MMS), Nov-Dec 2015, pp. 77-80
<b>What is harmful for male fertility: Cell phone or the wireless internet?</b>	2015-09	Yildirim ME, Kaynar M, Badem H, Cavis M, Karatas OF, Cimentepe E	Department of Urology, Turgut O'zal University School of Medicine, Ankara, Turkey; Department of Urology, Selcuk University School of Medicine, Konya, Turkey; Department of Urology, Yu'ksekk Ihtisas Education and Research Hospital, Ankara, Turkey	Kaohsiung Journal of Medical Sciences, Vol 31 (9), Sep 2015, pp. 480-484
<b>Mobile phone use and risk of glioma: a case-control study in Korea for 2002-2007</b>	2015-12 published online	Yoon S, Choi JW, Lee E, Ahn H, Kim HS, Choi HD, Kim N	Department of Preventive Medicine, Korea University College of Medicine, Seoul, Korea; Department of Biostatistics, Korea University College of Medicine, Seoul, Korea; Electronics and Telecommunications Research Institute, Daejeon, Korea; Department of Information and Communication Engineering, Chungbuk National University, Cheongju, Korea	Environment Health and Toxicology, Vol 30, published online Dec 2015
<b>A Challenging Issue in the Etiology of Speech Problems: The Effect of Maternal Exposure to Electromagnetic Fields on Speech Problems in the Offspring</b>	2015-09	Zarei S, Mortazavi SMJ, Mehdizadeh AR, Jalalipour M, Borzou S, Taeb S, Haghani M, Mortazavi SAR, Shojaei-fard MB, Nematollahi S, Alighanbari N, Jarideh S	Speech and Language Pathology Department, School of Rehabilitation, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Medical Physics and Engineering, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine Shiraz University, Shiraz, Iran; Ionizing and Non-ionizing Radiation Protections Research Center (INIR-PRC), Shiraz University of Medical Sciences, Shiraz, Iran; Student Research Committee, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Biostatistics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Occupational Health Department, School of Health, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 151-154
<b>Habits of cell phone usage and sperm quality - does it warrant attention?</b>	2015-09	Zilberlicht A, Wiener-Megnazi Z, Sheinfeld Y, Grach B, Lahav-Baratz S, Dirnfeld M	Division of Fertility-In Vitro Fertilization, Department of Obstetrics and Gynecology, Carmel Medical Center, Faculty of Medicine, Technion, Haifa, Israel	Reproductive BioMedicine Online, Vol 31 (3), Sep 2015, pp. 421-426
<b>Effects of microwaves (900 MHz) on peroxidase systems: a comparison between lactoperoxidase and horseradish peroxidase</b>	2016-04	Barteri M, De Carolis R, Marinelli F, Tomassetti G, Montemiglio LC	Department of Chemistry, "Sapienza" University of Rome, Rome, Italy; National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA), Rome, Italy; National Research Council of Italy (CNR), Istituto di Genetica Molecolare (IGM), Bologna, Italy; SC Laboratory of Muscoloskeletal Cell Biology, Istituto Ortopedico Rizzoli (IOR), Bologna, Italy; Institute of Radioastronomy, Italian National Institute for Astrophysics (INAF), Bologna, Italy; Department of Biochemistry, "Sapienza" University of Rome, Rome, Italy	Electromagnetic Biology and Medicine, Vol 35 (2), Apr 2016, pp. 126-133
<b>Acute effects of 3G mobile phone radiations on frontal haemodynamics during a cognitive task in teenagers and possible protective value of Om chanting</b>	2016-06 published online	Bhargav H, N K M, Varambally S, Mooventhan A, Bista S, Singh D, Chhabra H, Venkatasubramanian G, T M S, H R N	Anvesana Research Laboratories, Division of Yoga and Life Sciences, S-VYASA Yoga University, Bangalore, India; Department of Psychiatry, National Institute of Mental Health and Neurosciences (NIMHANS), Bangalore, India; S-VYASA Yoga University, Bangalore, India	International Review of Psychiatry, published online Jun 2016

<b>The Effects of Precautionary Messages about Electromagnetic Fields from Mobile Phones and Base Stations Revisited: The Role of Recipient Characteristics</b>	2016-05 published online	Boehmert C, Wiedemann P, Pye J, Croft R	Department of Science Communication, Karlsruhe Institute of Technology, Karlsruhe, Germany; Australian Centre for Electromagnetic Bioeffects Research, School of Psychology, University of Wollongong, Wollongong, Australia; School of Psychology, University of Wollongong, Wollongong, Australia; Healthy Brain Ageing Program, Brain and Mind Centre, University of Sydney, Sydney, Australia; Centre for Health Initiatives, Illawarra Health and Medical Research Institute, University of Wollongong, Wollongong, Australia	Risk Analysis, published online May 2016
<b>Neurobiological effects of repeated radiofrequency exposures in male senescent rats</b>	2016-05 published online	Bouji M, Lecomte A, Gamez C, Blazy K, Villegier AS	Unité de Toxicologie Expérimentale, Institut National de l'Environnement Industriel et des Risques (INERIS), Verneuil-en-Halatte, France; PERITOX EA 4285-UM INERIS 01 UFR de médecine, Amiens, France	Biogerontology, published online May 2016
<b>Modern Electronic Devices: An Increasingly Common Cause of Skin Disorders in Consumers</b>	2016-06_05	Corazza M, Minghetti S, Bertoldi AM, Martina E, Virgili A, Borghi A	Dipartimento di Scienze Mediche, Sezione di Dermatologia e Malattie Infettive, Università di Ferrara; Dermatological Clinic, Department of Clinical and Molecular Medicine, Polytechnic University of Marche, Torrette, Ancona, Italy	Dermatitis, Vol 27 (3), May-Jun 2016, pp. 82-89
<b>Survey on Different Samsung with Nokia Smart Mobile Phones in the Specific Absorption Rate Electrical Field of Head</b>	2016-02	Fakhri Y, Alinejad A, Keramati H, Bay A, Avazpour M, Zandsalimi Y, Moradi B, Rasouli Amirhajeloo L, Mirzaei M	Social Determinants in Health Promotion Research Center, Hormozgan University of Medical Sciences, Bandar Abbas, Iran; Department of Environmental Health Engineering, School of Public Health, Shahid Beheshti University of Medical Sciences, Tehran, Iran; Department of Environmental Health Engineering, School of Public Health, Semnan University of Medical Sciences, Semnan, Iran; Environmental Health Research Center, Golstan University of Medical Sciences, Golstan, Iran; Department of Environmental Health Engineering, School of Public Health, Ilam University of Medical Sciences, Ilam, Iran; Environmental Health Research Center, Kurdistan University of Medical Sciences, Sanandaj, Iran; Department of Health Public, Kermanshah University of Medical Sciences, Kermanshah, Iran; Department of Environmental Health Engineering, School of Public Health, Qom University of Medical Sciences, Qom, Iran; Jahrom University of Medical Sciences, Jahrom, Iran	Global Journal of Health Science, Vol 8 (9), Feb 2016, pp. 251-260
<b>Mobile phones and cancer. Part 3. Update and overall conclusions from epidemiological and animal studies</b>	2016-06	Gezondheidsraad	Gezondheidsraad (Health Council of the Netherlands)	Health Council of the Netherlands, publication no. 2016/06, Jun 2016
<b>Histological and histochemical study of the protective role of rosemary extract against harmful effect of cell phone electromagnetic radiation on the parotid glands</b>	2016-05 published online	Ghoneim FM, Arafat EA	Department of Histology and Cell Biology, Faculty of Medicine, Mansoura University, Egypt; Department of Anatomy, Taif University, Saudi Arabia	Acta Histochemica, published online May 2016
<b>Association between Exposure to Smartphones and Ocular Health in Adolescents</b>	2016-06 published online	Hwang Y, Kang S, Kim M, Kim TS, Seo J, Ahn H, Yoon S, Yun JP, Lee YL, Ham H, Yu HG, Park SK	Seoul National University College of Medicine, Seoul, Korea; Department of Preventive Medicine, Seoul National University College of Medicine, Seoul, Korea; Cancer Research Institute, Seoul National University, Seoul, Korea; Department of Biomedical Science, Seoul National University Graduate School, Seoul, Korea; Department of Ophthalmology, Seoul National University, Seoul, Korea	Ophthalmic Epidemiology, published online Jun 2016
<b>Mobile phones and seizures: drug-resistant epilepsy is less common in mobile-phone-using patients</b>	2016-06 published online	Nagarjunakonda S, Amalakanti S, Uppala V, Gajula RK, Tata RS, Bolla HB, Rajanala L, Athina S, Daggumati R, Lavu H, Devanaboina AK	Department of Neurology, Guntur Medical College, Guntur, Andhra Pradesh, India	Postgraduate Medical Journal, published online Jun 2016
<b>Effects of 1950 MHz W-CDMA-like signal on human spermatozoa</b>	2016-06 published online	Nakatani-Enomoto S, Okutsu M, Suzuki S, Suganuma R, Groiss SJ, Kadowaki S, Enomoto H, Fujimori K, Ugawa Y	Department of Neurology, School of Medicine, Fukushima Medical University, Fukushima, Japan; Department of Obstetrics and Gynecology, School of Medicine, Fukushima Medical University, Fukushima, Japan; Department of Neurology, Center for Movement Disorders and Neuromodulation, and Institute of Clinical Neuroscience and Medical Psychology, Medical Faculty, Heinrich-Heine University, Düsseldorf, Germany; JST, Research Seeds Program, Fukushima, Japan	Bioelectromagnetics, published online Jun 2016

<b>Personal exposure to radiofrequency electromagnetic fields: University of Barcelona study</b>	2016-04	Vidal N, Garcia-Miquel A, Rios A, Lopez-Villegas JM, Roca E	Electronics Department, University of Barcelona, Spain; 3IMSE-CNM, CSIC and University of Seville, Seville, Spain	10th European Conference on Antennas and Propagation (EuCAP) 2016, Apr 2016, pp. 1-4
<b>The microwave syndrome or electro-hypersensitivity: historical background</b>	2015-12	Carpenter DO	Institute for Health and the Environment, University at Albany, New York, USA	Reviews on Environmental Health, Vol 30 (4), Dez 2015, pp. 217-222
<b>Electromagnetic hypersensitivity - an increasing challenge to the medical profession</b>	2015-12	Hedendahl L, Carlberg M, Hardell L	Research and Innovation Unit, County Council of Norrbotten, Luleå, Sweden; Department of Oncology, University Hospital, Örebro, Sweden	Reviews on Environmental Health, Vol 30 (4), Dez 2015, pp. 209-215
<b>Increased mercury release from dental amalgam restorations after exposure to electromagnetic fields as a potential hazard for hypersensitive people and pregnant women</b>	2015-12	Mortazavi G, Mortazavi SMJ	Tangestan Health Network, Bushehr University of Medical Sciences, Bushehr, Iran; Ionizing and Non-ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Reviews on Environmental Health, Vol 30 (4), Dec 2015, pp. 287-292
<b>The effects of electromagnetic field on the endocrine system in children and adolescents</b>	2015-12	Sangun O, Dundar B, Comlekci S, Buyukgebiz A	Baskent University, Adana Training and Medical Research Hospital, Department of Pediatric Endocrinology, Adana, Turkey; Katip Celebi University, Faculty of Medicine, Department of Pediatric Endocrinology, Izmir, Turkey; S.Demirel University, Faculty of Engineering, Department of Electronics and Communication, Isparta, Turkey; Bilim University, Faculty of Medicine, Department of Pediatric Endocrinology, Istanbul, Turkey	Pediatric Endocrinology Reviews, Vol 13 (2), Dec 2015, pp. 531-545
<b>Effects of cell phone radiation on lipid peroxidation, glutathione and nitric oxide levels in mouse brain during epileptic seizure</b>	2016-02 published online	Esmekaya MA, Tuysuz MZ, Tomruk A, Canseven AG, Yu cel E, Aktuna Z, Keskil S, Seyhan N	Department of Biophysics, Gazi University, Ankara, Turkey; Department of Neurosurgery, Baskent University, Alanya Training and Research Hospital, Antalya, Turkey; Department of Medical Pharmacology, Kirikkale University, Kirikkale, Turkey; Department of Neurosurgery, Kirikkale University, Kirikkale, Turkey	Journal of Chemical Neuroanatomy, published online Feb 2016
<b>Thirty-minutes' exposure to smartphone call triggers neutrophil activation in vitro</b>	2016-02 published online	Lippi G, Danese E, Brocco G, Benati M, Salvagno GL, Montagnana M, Franchini M	Section of Clinical Biochemistry, University of Verona, Verona, Italy; Department of Transfusion Medicine and Hematology, Carlo Poma Hospital, Mantova, Italy	Clinical Chemistry and Laboratory Medicine, published online Feb 2016
<b>GSM 900 MHz Microwave Radiation-Induced Alterations of Insulin Level and Histopathological Changes of Liver and Pancreas in Rat</b>	2016 published online	Mortazavi SMJ, Owji SM, Shojaie-fard MB, Ghader-Panah M, Mortazavi SAR, Tavakoli-Golpayegani A, Haghani M, Taeb S, Shokrpour N, Koohi O	Medical Physics and Medical Engineering Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Ionizing and Non-Ionizing Radiation Protection Research Center (INIRPRC), Shiraz University of Medical Sciences, Shiraz, Iran; Pathology Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Radiology, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Laboratory Animals, Shiraz University of Medical Sciences, Shiraz, Iran; Department of Physiology, Fasa University of Medical Sciences, Fasa, Iran	Journal of Biomedical Physics and Engineering, published online 2016

<b>Mobile phone radiation during pubertal development has no effect on testicular histology in rats</b>	2016-02	Tumkaya L, Kalkan Y, Bas O, Yilmaz A	Department of Histology and Embryology, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey; Department of Anatomy, Faculty of Medicine, Ordu University, Ordu, Turkey; Department of Biochemistry, Faculty of Medicine, Recep Tayyip Erdoğan University, Rize, Turkey	Toxicology and Industrial Health, Vol 32 (2), Feb 2016, pp. 328-336
<b>Frequent cellular phone use modifies hypothalamic-pituitary-adrenal axis response to a cellular phone call after mental stress in healthy children and adolescents: A pilot study</b>	2015-12	Geronikolou SA, Chamakou A, Mantzou A, Chrousos G, Kanaka-Gantenbein C	First Department of Paediatrics, University of Athens Medical School, "Aghia Sophia" Children's Hospital, Athens, Greece; Clinical, Experimental Surgery and Translational Research Centre, Biomedical Research Foundation Academy of Athens, Athens, Greece; Department of Endocrinology, Eugenideion Hospital, University of Athens, Athens, Greece	Science of The Total Environment, Vol 536, Dec 2015, pp. 182-188
<b>Effect of 900 MHz Electromagnetic Radiation on the Induction of ROS in Human Peripheral Blood Mononuclear Cells</b>	2015-09	Kazemi E, Mortazavi SMJ, Ali-Ghanbari A, Sharifzadeh S, Ranjbaran R, Mostafavi-Pour Z, Zal F, Haghani M	Radiobiology department, School of paramedical sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Medical Physics Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran; The Center for Research on Protection against Ionizing and Non-ionizing Radiation, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Telecommunication Department, School of Engineering, Shiraz University, Shiraz, Iran; Diagnostic Laboratory Sciences and Technology Research Center, School of Paramedical Sciences, Shiraz University of Medical Sciences, Shiraz, Iran; Biochemistry Department, School of Medicine, Shiraz University of Medical Sciences, Shiraz, Iran	Journal of Biomedical & Physics Engineering, Vol 5 (3), Sep 2015, pp. 105-114
<b>Exposure to 3G mobile phone signals does not affect the biological features of brain tumor cells</b>	2015-08	Liu YX, Li GQ, Fu XP, Xue JH, Ji SP, Zhang ZW, Zhang Y, Li AM	Department of Neurosurgery, First Affiliated Hospital of PLA General Hospital, Beijing, China; Department of Cell Biology, Institute of Basic Medical Sciences, Beijing, China; China Telecommunication Technology Labs, Beijing, China; Department of blood molecular biology, Institute of blood transfusion medicine, Beijing, China	BMC Public Health, Vol 15, Aug 2015
<b>Cell oxidation-reduction imbalance after modulated radiofrequency radiation</b>	2015-10	Marjanovic AM, Pavicic I, Trosic I	Radiation Dosimetry and Radiobiology Unit, Institute for Medical Research and Occupational Health, Zagreb, Croatia	Electromagnetic Biology and Medicine, Vol 34 (4), Oct 2015, pp. 381-386
<b>The Effect of Sub-Chronic Whole-Body Exposure to a 1,950 MHz Electromagnetic Field on the Hippocampus in the Mouse Brain</b>	2015-07	Son Y, Jeong YJ, Kwon JH, Choi HD, Paek JK, Kim N, Lee YS, Lee HJ	Division of Radiation Effects, Korea Institute of Radiological & Medical Sciences, Seoul, Korea; Department of EMF Research Team, Radio and Broadcasting Technology Laboratory, ETRI, Daejeon, Korea; Department of Radio Sciences and Engineering, College of Engineering, Chungnam National University, Daejeon, Korea; School of Electrical and Computer Engineering, Chungbuk National University, Cheongju, Korea; Graduate School of Pharmaceutical Sciences, Ewha Womans University, Seoul, Korea	Journal of Electromagnetic Engineering and Science, Vol 15 (3), Jul 2015, pp. 151-157
<b>8-oxoG DNA Glycosylase-1 Inhibition Sensitizes Neuro-2a Cells to Oxidative DNA Base Damage Induced by 900 MHz Radiofrequency Electromagnetic Radiation</b>	2015-09 published online	Wang X, Liu C, Ma Q, Feng W, Yang L, Lu Y, Zhou Z, Yu Z, Li W, Zhang L	Department of Military Nursing, School of Nursing, Third Military Medical University, Chongqing; Department of Occupational Health, Third Military Medical University, Chongqing, People's Republic of China	Cellular Physiology and Biochemistry, Vol 37 (3), published online Sep 2015, pp. 1075-1088
<b>Acute effects of 30 minutes of exposure to a smartphone call on in vitro platelet function</b>	2016-05 published online	Lippi G, Danese E, Brocco G, Gelati M, Salvagno GL, Montagnana M	Section of Clinical Biochemistry, University of Verona, Verona, Italy	Blood Transfusion, published online May 2016
<b>Adaptive response in mouse bone-marrow stromal cells exposed to 900-MHz radiofrequency fields: Gamma-radiation-induced DNA strand breaks and repair</b>	2016-05	Ji Y, He Q, Sun Y, Tong J, Cao Y	School of Public Health, Medical College of Soochow University, Suzhou, Jiangsu Province, People's Republic of China	Journal of Toxicology and Environmental Health, Vol 79 (9-10), May 2016, pp. 419-426