

CURRICULUM VITAE

Dariusz Leszczynski

Born 1955 (Poland)

Citizenship Finnish (since 1990)

Education

1974-1978 molecular biology, Jagiellonian University, Krakow, Poland
1978-1980 doctoral studies in cell biology, Medical Center of Postgraduate Education, Warsaw, Poland



Degrees and Titles

Master of Sciences (M.Sc.) - 1978 Jagiellonian University, Krakow, Poland
Doctor of Sciences (D.Sc.) - 1983 Jagiellonian University, Krakow, Poland
Doctor of Philosophy (Ph.D.)- 1990 University of Helsinki, Helsinki, Finland
Docent of Biochemistry - 1992 University of Helsinki, Helsinki, Finland

Appointments & Duties (present)

- **Adjunct Professor** (1992 - present), Department of Biosciences, Division of Biochemistry and Biotechnology, University of Helsinki, Helsinki, Finland (dariusz.leszczynski@helsinki.fi)
- **Editor-in-Chief** (January 2014 – present) of 'Frontiers in Radiation and Health' specialty of the Frontiers in Public Health, Lausanne, Switzerland;
http://www.frontiersin.org/Radiation_and_Health/about
- **Member of the Advisory Board** (April 2014 – present) of Cellraid Ltd, Oulu, Finland;
<http://cellraid.com/about.php>

Appointments (past)

2000 - 2013 **Research Professor**, STUK - Radiation and Nuclear Safety Authority, Helsinki, Finland

2012 - 2013 **Visiting Professor**, Bioelectromagnetics and Cellular Neuroscience Labs, Brain and Psychological Sciences Research Centre, Swinburne University of Technology, Hawthorn/Melbourne, VIC, Australia

2007 - 2010 **Guangbiao Professor**, Bioelectromagnetics Laboratory, Zhejiang University School of Medicine, Hangzhou, China

2003 - 2007 **Head of the Radiation Biology Laboratory** of STUK, Helsinki, Finland

1999 - 2000 **Project Manager**, Radiation Biology Laboratory, STUK - Radiation and Nuclear Safety Authority, Helsinki, Finland

1997 - 2000 **Assistant Professor** of Dermatology, Department of Dermatology, Harvard Medical School and Wellman Laboratories, Massachusetts General Hospital, Boston, MA, USA

1993 - 1999 **Senior Scientist**, Laboratory of Radiation Biology, STUK - Finnish Centre for Radiation and Nuclear Safety, Helsinki, Finland

1992 - 1993 **Scientist**, Laboratory of Radiation Biology, Department of Research, STUK -

- Finnish Centre for Radiation and Nuclear Safety, Helsinki, Finland
- 1992 - present** **Adjunct Professor** (Docent of Biochemistry), Department of Biochemistry, University of Helsinki, Finland
- 1991 - 1992** **Assistant**, Department of Biochemistry, University of Helsinki, Finland
- 1990 - 1991** **Scientist**, Georgetown University Medical Center, Washington, DC, USA
- 1986 - 1991** **Scientist**, Transplantation Laboratory, University of Helsinki, Helsinki, Finland
- 1983 - 1985** Post-Doctoral Fellow, Transplantation Lab, Univ. Helsinki, Finland
- 1983 - 1986** **Senior Scientist**, Dept. Histology & Embryology, Pomeranian Medical Academy, Szczecin, Poland
- 1980 - 1983** **Scientist**, Dept. Histology & Embryology, Pomeranian Med. Acad., Szczecin, Poland
- 1978 - 1980** **PhD Student**, Cytophysiology Lab., Medical Ctr. Postgraduate Education, Warsaw, Poland
- 1977 - 1978** **Junior Assistant**, Institute of Pharmacology, Polish Academy of Sciences, Krakow, Poland

Sabbaticals (USA, China, Australia)

- 2012 – 2013** **Visiting Professor**, Bioelectromagnetics and Cellular Neuroscience Labs, Brain and Psychological Sciences Research Centre, Swinburne University of Technology, Hawthorn/Melbourne, VIC, Australia
- 2007 - 2010** **Guangbiao Professor**, Zhejiang University Medical School, Hangzhou, China
- 1997 - 1999** **Assistant Professor** of Dermatology, Department of Dermatology, Harvard Medical School and Wellman Laboratories, Massachusetts General Hospital, Boston, MA, USA
- 1990 - 1991** **Scientist**, Dept. Surgery, Georgetown University Medical Center, Washington, DC, USA

Editor of Scientific Journals

- **Editor-in-Chief** of 'Frontiers in Radiation and Health'; a specialty of the Frontiers in Public Health; January 2014 – present
- **Editorial Board of *Bioelectromagnetics***; 2010 - present
- **Associate Editor - *Bioelectromagnetics***; 2006 - 2010
- **Editorial Advisory Board - *Open Proteomics Journal***; 2007 - 2010
- **Guest Editor - *Proteomics***; special issue on Application of Proteomics and Transcriptomics in EMF Research; vol. 6, issue 17, September 2006

Editor of Scientific Books and Author of Books

- **Radiation Proteomics: Elucidation of the effects of ionizing and non-ionizing radiation on cells and tissues using proteomics approach.** Editor: **D. Leszczynski**, Publisher: Springer Science + Business Media B.V., The Netherlands; publication in February 2013 (<http://www.springer.com/biomed/book/978-94-007-5895-7>)
- **The mobile phone radiation and health controversy: Between A Rock and A Hard Place.** Authors: **D. Leszczynski & K. Leszczynski**; Publisher: Springer Science + Business Media B.V., The Netherlands; (in preparation)

International Committees

- **Chair of Task Group** on High-Throughput Screening Techniques in EMF Research (TG-HTST-EMF), activity within the Working Group 4 of the EU COST Action BM0704 "Emerging EMF Technologies

- and Health Risk Management”
- **Member of the Management Committee**, EU COST Action BM0704 “Emerging EMF Technologies and Health Risk Management”
- **Member of the Steering Committee** of the Swiss National Science Foundation Research Program on Mobile Phones and Health (NRP57), 2005 - 2011
- **Member of the Literature Review Committee** ICES (SCC28) SC-4; Biological effects of electromagnetic fields; 2007 - 2009 (resigned in August 2009)

Invited to International & National Expert Responsibilities

- **Invited Expert** to Working Group of the **International Agency for Research on Cancer**; Non-Ionizing Radiation (RF fields) IARC Monographs on the Evaluation of Carcinogenic Risks to Humans; Volume 102: Non-Ionizing Radiation, Part II: Radiofrequency Electromagnetic Fields. May 2011
- **Invited Expert** for the **U.S. Senate hearing** on “The Health Effects of Cell Phone Use” organized by the Committee on Appropriations, Subcommittee on Labor, Health and Human Services, Education and Related Agencies, September 14th, 2009
- **Invited Reviewer** for the “**Children with Leukaemia**” **Foundation**, London, UK 2008
- **Invited Expert; U.S. National Academies**; Workshop on Identification of Research Needs Relating to Potential Biological or Adverse Health Effects of Wireless Communications Devices, Washington, DC, August 7-9, 2007
- **Invited Expert**, German Telecommunication Research Programme, **Bundesamt für Strahlenschutz**; 2007 & 2008
- **Invited reviewer**; Electromagnetic Fields and Health **The Netherlands Organization for Health Research and Development** (ZonMw); 2006/7
- **WHO - invited expert** (e-mail comments); 2006 update of Research Agenda
- **Finnish Parliament/ Environment and Nature Interests Group - invited expert** on biological effects of mobile phone radiation; 19.05.2005
- **WHO - invited expert**; RF-EMF Research Review, Needs and Priorities Meeting, 11-13.06.2003, Geneva, Switzerland
- **Finnish Parliament/Employment and Equality Committee – invited expert** on mobile phone radiation effect on humans; 15.05.2003
- **ICNIRP - 2000; invited reviewer**; Biological effects of radiation emitted by security devices.

Memberships and Functions in the Scientific Societies

- **Bioelectromagnetics Society (BEMS), USA**
 - Member of the Board of Directors, 2006 - 2009 & 2010 - 2013
 - Technical Program Committee Co-Chair; 2010 BEMS Annual Meeting, Seoul, South Korea
 - Technical Program Committee Co-Chair BioEM 2009 - The Joint meeting of BEMS & EBEA, Davos, Switzerland
 - Member of Long Range Planning Committee 2009 - 2013
 - Member of the Development Committee 2007 - 2013
 - Member of the Finance Committee 2007 - 2009
 - Chair of the Publications Committee of BEMS; 2004 - 2006 & 2010 - 2013
 - Member of the Publications Committee of BEMS; 2006 - 2007
 - Member of the Journal Committee of BEMS; 2004 - 2006 & 2010 - 2013
 - Chair of the ad-hoc Sub-Committee to Investigate Bias in BEMS Newsletter Reporting 2004
- **American Society of Cell Biology (ASCB), USA**
 - Member of the Membership Committee of the ASCB; 2006 -
- **EuroSkin, Germany**
 - Member of the Steering Group on experimental biological research of skin cancer

- **American Society for Photobiology, USA**
 - Member of the Membership Committee; 2007 -

Scientific Organizer of International Conferences

- **6th International EMF Seminar in China:** Electromagnetic Fields and Biological Effects; Co-Chair of the conference; Chongqing, China, October 2011
- **BEMS 2010:** Annual Meeting of Bioelectromagnetics Society; Co-Chair of the Technical Program Committee; June 14-18, 2010, Seoul, South Korea
- **U.S. Washington Conference** on “Cell Phones and Health: Science and Public Policy Questions”, September 14-15, 2009, Washington, DC, USA; Member of Steering Committee, Session Chair, Invited speaker (opening lecture)
- **BioEM 2009:** the Joint Meeting of Bioelectromagnetics Society (USA) and European BioElectromagnetics Association, June 14-18 2009, Davos, Switzerland; Co-Chair Technical Program Committee, Session Moderator, Invited speaker
- **1st International Radiation Proteomics Workshop 2009;** co-organizer & member of the Scientific Committee, May 2009, Munich, Germany
- **5th International EMF Seminar in China;** Co-Chair, member of the Scientific Committee, April 2009, Hangzhou, China
- **South African Symposium on Mobile Telephony;** Mobile Telephony in relation to Health, Standards, Compliance with Standards & Precaution; Johannesburg, South Africa, October 8-9, 2007 (Co-Chair, Speaker, Rapporteur)
- **WHO/STUK Workshop** on Application of Proteomics and Transcriptomics in EMF Research. STUK, Helsinki, Finland, October 30 - November 1, 2005 (Co-Chair, Speaker, Rapporteur)
- **Cost281/WHO/FGF/STUK Workshop** on mobile phone radiation induced stress response. STUK, Helsinki, Finland, April 28-29, 2004 (Co-Chair, Speaker)

International Conference Co-Organizer, Session Chair, Rapporteur

- Monte Verita meeting “EMF Health Risk Research”, Ticino/Monte Verita, Switzerland, October 22-25, 2012; Session Chair
- BEMS 2012, Session Chair; Brisbane, Australia, June 2012
- BEMS 2011; Session organizer and Invited speaker; Halifax, Canada, June 2011
- 3rd International Workshop in the Framework of NRP57 "Non-Ionizing Radiation - Health and Environment": "EMF and the Brain", May 2008, Session Chair
- The Korean Institute of Electromagnetic Engineering & Science (KIEES) Workshop on Health Effects on EMF and Electromagnetic Environment, Invited Speaker, September 2009, Seoul, South Korea
- 29th URSI General Assembly, Chicago, IL, USA, August 2008; Session Organizer and Chair
- 30th Annual Meeting of the Bioelectromagnetics Society, San Diego, CA, USA, 9-13.06.2008 (Member of the Technical Committee; Plenary Session Organizer & Chair & Speaker)
- 29th Annual Meeting of the Bioelectromagnetics Society, Kanazawa, Japan, 11-15.06.2007 (Member of the Technical Committee; Session Chair)
- 28th Annual Meeting of Bioelectromagnetics Society, Cancun, Mexico, 12-15.06.2006 (Member of the Technical Committee; Session Chair)
- VALDOR 2006, Stockholm, Sweden, May 14-18, 2006; Session organizer and Chair: Risk assessment of electromagnetic fields and mobile telephones
- Cost 281 Workshop, Graz, Austria, April, 20-21, 2006; Emerging Technologies, Potential Sensitive Groups and Health; Session co-Chair
- 3rd Workshop on Biological Effects of Electromagnetic Fields, Greece, October 2004; Session “Genomics, Transcriptomics and Proteomics” (Session Organizer and Chair)
- 26th Annual Meeting of Bioelectromagnetics Society, Washington, DC, USA, 20-24.06.2004,

(Member of the Technical Committee; Organizer and Chair – Special Tutorial Session: Genomics, Transcriptomics & Proteomics methods in studying effects of electromagnetic fields on bio-systems)

- NRPB/WHO Workshop on Static Magnetic Fields. Chilton/Oxford, UK, April 26-27, 2004 (invited rapporteur)
- Finnish Symposium on Biological Effects of Mobile Phone Radiation, Autumn 2003 (Member of the Organizing Committee)
- 25th Annual Meeting of Bioelectromagnetics Society, Maui, HI, USA, 23-27.06.2003, (Member of the Technical Committee)
- 2nd Workshop on Biological Effects of Electromagnetic Fields, Rhodes, Greece, October 7-11.10.2002; Session “Genomics, Transcriptomics and Proteomics” (Session Organizer and Chair)
- PIERS 2002 Symposium, Cambridge, MA, USA, 1-5.07.2002 (Session Chair)
- Millennium Workshop on Biological Effects of Electromagnetic Fields, Crete, Greece, 17-20.10.2000 (Session Chair)

Invited Lectures at Foreign Universities and Research Institutes

Mobile phone radiation

- Swinburne University of Technology, Hawthorn, Victoria, Australia, 25.11.2010
- US NIEHS, National Toxicology Program, Durham, NC, 30.08.2010
- US FDA, Little Rock, AR, USA, 26.08.2010
- US FDA, Washington, DC, USA, 23.04.2010 (remote dial-in presentation over internet)
- Zhejiang University, Hangzhou, China, 10.04.2008
- Zhejiang University, Hangzhou, China, 16.11.2007
- Zhejiang University, Hangzhou, China, 12.11.2007
- University of Stellenbosch, Cape Town, South Africa, July/August 2005
- Tshwane University of Technology, Pretoria, South Africa, July/August 2005
- IT'IS Foundation, Zurich, Switzerland, 17.02.2005
- Pretoria University, Pretoria, South Africa, 21.10.2004
- Tshwane University of Technology, Pretoria, South Africa, 19.10.2004
- Brooks AFB, San Antonio, TX, USA, 3.12.2003
- Zhejiang University, Hangzhou, China, 10.10.2003
- Sydney University, Sydney, Australia, 15.02.2002
- Telstra Laboratories, Melbourne, Australia, 12.02.2002
- St. Vincent's Hospital, Sydney, Australia, 11.02.2002
- Harvard University, Wellman Laboratories of Photomedicine, Boston, MA, USA, 15.11.2000

Ultraviolet radiation

- Harvard University, Wellman Laboratories of Photomedicine, Boston, MA, USA, 27.11.1996

Other topics

- US FDA, Rockville, MD, USA, 22.11.1996, Radiation, protein kinase C and apoptosis.
- SSI, Stockholm, Sweden, 6.11.1995, Radiation-induced arteriosclerosis.

Invited Speaker at International Scientific Conferences

- BioEM2014, Cape Town, South Africa, June 8-13, 2014; Invited lecture and Chair of seminar: Ethical and Conflict of Interest Issues in Bioelectromagnetics.
- FELO Day Conference, Oslo, Norway, 28.03.2014; Wireless Communication, Health Risks and Precaution (<https://www.youtube.com/watch?v=5QiRroE9Tsc>)
- Science & Wireless, Swinburne University of Technology, Hawthorn/Melbourne, Australia, 15.11.2012
- Monte Verita meeting “EMF Health Risk Research”, Ticino/Monte Verita, Switzerland, October 22-25, 2012

- Children with Cancer conference, London, UK, May 2012; Possible mechanism of cell phone radiation-induced brain cancer; (see Session 8; <http://www.childhoodcancer2012.org.uk/programme.asp>)
- BEMS 2011; Session organizer and Invited speaker; Halifax, Canada, June 2011
- U.S. Washington Conference on “Cell Phones and Health: Science and Public Policy Questions”, September 14-15, 2009, Washington, DC, USA
- BioEM 2009 the Joint Meeting of Bioelectromagnetics Society (USA) and European BioElectromagnetics Association, June 14-18 2009, Davos, Switzerland
- 1st International Radiation Proteomics Workshop 2009, Munich, Germany, May 2009
- 5th International EMF Seminar in China; Hangzhou, China, April 2009
- International Workshop "OMICS for assessing unclear risks", Berlin, Germany, May 2008
- 29th URSI General Assembly, Chicago, IL, USA, August 2008
- South African Bureau of Standards Convention, Johannesburg, South Africa, 11.10.2007
- South African Symposium on Mobile Telephony, Johannesburg, South Africa, 7-9.10.2007
- Final meeting of the Cost 281 Action, Brussels, Belgium, 17.11.2006 (“Hot topic” talk)
- Cost 281 meeting “Emerging EMF Technologies, Potential Sensitive Groups and Health” Graz, Austria, 20 - 21.04.2006
- VALDOR 2006, Stockholm, Sweden, May 14-18, 2006
- ETHZ Symposium Health Risk Assessment of Mobile Telecommunications, Monte Verita, Switzerland, 20-25.11.2005; (Keynote talk)
- 28th URSI General Assembly, New Delhi, India, 23-29.10.2005. (2 invited talks)
- 4th Int. Seminar on Electromagnetic Fields and Biological Effects, Kunming, China, 12-16.09.2005
- European Radiation Research 2005, Leicester, UK, 5-7.09.2005 (Keynote talk)
- Nordic Radiobiology Meeting, Uppsala, Sweden, 16-17.09.2004.
- 26th Annual Meeting of Bioelectromagnetics Society, Washington, DC, USA, 20-24.06.2004.
- IEEE ICES (SCC-28) meeting, San Antonio TX, USA, 4-7.12.2003
- 6th Meeting of the EBEA, Budapest, Hungary, 12-16.11.2003, (Plenary talk)
- Workshop: The Blood-Brain Barrier (BBB) - Can it be influenced by RF-field interactions? FGF & COST281, 3-6.11.2003, Reims, Germany.
- WHO & ICNIRP & China Health Ministry, 3rd International EMF Seminar in China: Electromagnetic Fields and Biological Effects, 14-17.10.2003, Guilin, China (Keynote talk)
- 25th Annual Meeting of Bioelectromagnetics Society, Maui, HI, USA, 23-27.06.2003. (Plenary + Invited talk)
- Proteomica Symposium, University of Madrid, 4-8.02.2003, Cordoba, Spain.
- FGF & COST 281 Workshop on “Genetic and Cytogenetic Aspects of RF-Field Interaction”, 24-27.11.2002, Löwenstein, Germany.
- COST 281 Seminar “Subtle Temperature Effects of RF-EMF”, 12-13.11.2002, London, UK.
- 27th General Assembly of the International Union of Radio Science (URSI), Maastricht, The Netherlands, 17-24.08.2002.
- 24th Annual Meeting of Bioelectromagnetics Society, Quebec City, Canada, 23-27.06.2002
- 29th Nordic Congress of Dermatology and Venerology, 7-10.06.2001, Göteborg, Sweden (talk presented By Riikka Pastila)
- University of Tokyo, Japan, Int. Symposium on Electromagnetics in Biology and Medicine, 2-4.04.2001
- Workshop of a Concerted Action of the EC 5th Framework Programme: Environment & Health - Health Impact of Electromagnetic Fields, Helsinki, Finland 19-22.09.2000
- Jagiellonian University, 7th Polish National Conference on Cell Biology, Krakow, Poland, 9-11.09.1999
- NORDTOX/NordEMS, 5th Nordic Toxicology Meeting, Helsinki, Finland, 25.05.1998,

Funding of research

Mobile phone radiation research

- *KONE Foundation, Finland; 2010; € 23.000,-; to study effects of mobile phone radiation on cells (live imaging of effects) at the Swinburne University of Technology in Australia*
- *STUK - Equipment funds; 2006; € 100.000,-; 2-DE equipment (Typhoon scanner)*
- *National Technology Agency of Finland – TEKES; 2005-2006; € 57.900,- ; Protein expression in skin of volunteers exposed to mobile phone radiation.*
- *STUK - Equipment funds; 2002; € 168.000,-; Maldi-ToF mass spectrometer*
- *Equipment grant; VerUm Foundation, Germany & IT'IS Foundation, Switzerland; 2002; € 50.000,-; Exposure set-up for 1800MHz GSM mobile phone radiation*
- *EU 5th Framework Programme; 2000-2003; € 190.000; REFLEX consortium partner*
- *The Academy of Finland - salary for post-doctoral fellow; 2000-2002; € 83.300,- ; Biological effects of microwave radiation emitted by mobile phones.*
- *National Technology Agency of Finland – TEKES; 2000-2003; € 167.000,- ; PI of the project within the LaVita consortium - Health effects of wireless communications.*
- *National Technology Agency of Finland – TEKES; 1998-2000; € 85.000,- ;PI of the STUK's project participating in ETX consortium - Effects of RF fields on protein phosphorylation and on receptor ligand interaction.*

Ionizing radiation research

- *EU 7th Framework Programme, CARDIORISK consortium, 2008 - 2010; € 205.000,-; PI of the STUK project: Effects of ionizing radiation on endothelial cell proteome and phospho-proteome in relation to radiation-induced atherosclerosis*

Ultraviolet radiation research

- *The Academy of Finland – SYTYKE postgraduate school; 2002-2003; € 83.000,- 2-year salary for researcher (Riikka Pastila, MSc) working towards PhD on project: UVA effect on melanoma metastasis*
- *The Academy of Finland – Programme on “Environment and Health” (SYTTY); 1998-2001; € 100.000,- ; Immunosuppressive, carcinogenic and metastasis-related effects of solar UV radiation.*
- *US, Department of Energy - Center of Excellence Grant; 1998; 1-year fellowship in laser medicine for support of post-doctoral fellow Joerg Heckenkamp, MD, to work at Laser Center of the Massachusetts General Hospital, Boston, MA, USA, PI - Glenn LaMuraglia, Co-PI - Dariusz Leszczynski;*
- *Finnish Cancer Foundation Travel grants (several)*

Supervision of Doctoral Fellows

- *Nadia Falzone, MSc (Eng.), Technical University of Pretoria, Pretoria, South Africa; PhD awarded in 2007 (RF-EMF and fertility)*
- *Riikka Pastila, MSc, University of Helsinki, Finland; PhD awarded in 2006 (UVA and melanoma metastasis)*
- *Reetta Nylund, MSc (Tech.), Helsinki University of Technology, Espoo, Finland; PhD expected in 2011 (Proteomics and RF-EMF)*

University Appointed Reviewer of the Professorship Appointments

- *Isabelle Lagroye, Professor, University of Bordeaux, France (2012)*
- *Andrei Pakhomov, Associate Professor, Old Dominion University, Norfolk, VA, USA (2010)*
- *Annie Joubert, Associate Professor, University of Pretoria, Pretoria, South Africa (2010)*
- *Annie Joubert, Associate Professor, University of Pretoria, Pretoria, South Africa (2008)*
- *Zeng Qunli, Associate Professor, Zhejiang University Medical School, Hangzhou, China (2007)*

- Timothy Griffin, Assistant Professor, University of Minnesota, Minneapolis, MN, USA (2006)

University Appointed Examiner of the Doctoral Theses

- Johanna Berry, 2005, University of Wollongong, NSW, Australia
- Jocelyn Laurence, 2004, Sydney University of Technology, Sydney, Australia
- Visa Honkanen, 1991, University of Helsinki, Finland

Teaching Activities

- Supervision of Masters thesis (Hanna Tammio), Univ. Helsinki; 2007 - ongoing
- Supervision of Masters theses, University of Helsinki (Taina Jaatinen 1993; Sakari Joenväärä 1997)
- Supervision of research projects executed by the students of biochemistry, University of Helsinki
- Supervision of research projects executed by the medical students and postdoctoral fellows, Harvard Medical School, Boston, MA, USA (1997-2000)
- Lecturer on "Apoptosis" - course 51094-1 University of Helsinki (1995 and 1996)
- Supervision of research projects executed by the medical students (6 graduate students) and postdoctoral fellow, Georgetown University Medical School, Washington, DC, USA (1990-1991)
- Teaching courses of histology and cell biology to the medical students of the Pomeranian Medical Academy, Szczecin, Poland (1980-1986)

List of Publications

Books Editor

- Radiation Proteomics: The effects of ionizing and non-ionizing radiation on cells and tissues. in the: Advances in Experimental Medicine and Biology, Vol. 990; **Leszczynski, Dariusz** (Ed.), Publisher: Springer Science + Business Media B.V., The Netherlands; February 2013

Book Chapters

- **Leszczynski D.** Effects of radiofrequency-modulated electromagnetic fields on proteome. in Radiation Proteomics: The effects of ionizing and non-ionizing radiation on cells and tissues. in the Radiation Proteomics; Advances in Experimental Medicine and Biology, Vol. 990; **Leszczynski, Dariusz** (Ed.), Publisher: Springer Science + Business Media B.V., The Netherlands; February 2013
- **Leszczynski D.** Statement of Dariusz Leszczynski, Ph.D., Research Professor, Radiation and Nuclear Safety Authority, University of Helsinki. Hearing on "Health Effects of Cell Phone Use"; in Editors: Cynthia Kempson and Eugene Rahm: Cell Phone Use and Health Risks: Assessments and State of Research; NOVA Publishers 2012, pp. 53-70
- **Leszczynski D.** Chapter 17: Proteomic approach in mobile phone radiation research. In G. Obe, B. Jandrig, G. Marchant, H. Schütz (Editors) "Methods of Cancer Risk Assessment: Current and Prospective Approaches with Special Reference to Ionizing and Non-ionizing Radiation"; Wiley-VCH, 2011, pp 265-273
- Juutilainen J, **Leszczynski D**, Nylund R, Heikkinen P, Hietanen M, Haarala-Björnberg C, Auvinen A, Huuskonen H, Toivonen T. Radiotaajuisten kenttien ja säteilyn vaikutukset. In: Ionisoimaton Säteily - Sähkömagnettiset kentät. Eds. Nyberg H & Jokela K. STUK

Monographs

- Armstrong B, Baan R, Belyaev I, Benbrahim-Tallaa L, Blackman C, Blettner M, Bontoux L, Bouvard V, Broman K, Byrnes G, Cardis E, Carel R, Dasenbrock C, Degraeve E, Dekhil H, Deltour I, van Deventer E, Doré JF, Elder J, El Ghissassi F, Galichet L, Galland C, Grosse Y, Guha N, Harbo Poulsen A, Hardell L, Inskip P, Islami F, Juutilainen J, Kesminiene A, Kim N, Kuster N, Lauby-Secretan B, **Leszczynski D**, Mann S, Marrant C, McCormick D, McNamee J, Melnick R, Merckel O, Mevissen M, Miyakoshi J, Moissonnier M, Nuttall R, Portier C, Richardson D, Rowley J, Rössli M, Samet J, Saracci R, Schüz J, de Seze R, Shirai T, Siemiatycki J, Sim M, Straif K, Swicord M, Szmigielski S, Verschaeve L. Non-ionizing radiation, Part II: Radiofrequency electromagnetic fields / **IARC Working Group on the Evaluation of Carcinogenic Risks to Humans** (2011: Lyon, France). ISBN 978 92 832 1325 3
- **Leszczynski D**, Jokela K, Paile W. EMC & safety of multimedia communication terminals. *ASTE Review Report 2001*
- Jokela K, **Leszczynski D**, Paile W, Salomaa S, Puranen L, Hyysalo P. Radiation safety of handheld mobile phones and base stations. *STUK-A161, STUK 1999*

Opinions & Editorials

- **Leszczynski D**. The Grand Challenge: Use of a new approach in developing policies in the area of radiation and health. *Frontiers in Radiation and Health, Front.PublicHealth* 2:50. doi: 10.3389/fpubh.2014.00050
- **Leszczynski D**. Opinion: Unethical Reporting: Two publications on the same topic are compromised by the decision to separate the data. *The Scientist Magazine*, 15.04.2013 (<http://www.the-scientist.com/?articles.view/articleNo/35114/title/Opinion--Unethical-Reporting/>)
- **Leszczynski D**. Opinion: Scientific Peer-Review in Crisis: The case of the Danish Cohort. *The Scientist Magazine*, 25.03.2013 (<http://www.the-scientist.com/?articles.view/articleNo/34518/title/Opinion--Scientific-Peer-Review-in-Crisis/>)
- **Leszczynski D**. Letter to the Editor: Mobile phone radiation and gene expression. *Radiation Res.* 167, 2007, 121
- **Leszczynski D**. Editorial: The need for a new approach in studies of the biological effects of electromagnetic fields. *Proteomics* 2006, 6, 4671–4673
- **Leszczynski D**, Meltz ML. Report: Questions and answers concerning applicability of proteomics and transcriptomics in EMF research. *Proteomics* 6, 2006, 4674-4677
- **Leszczynski D**. Editorial: The need for new approach in studies of biological effects of electromagnetic fields. *Proteomics* 6, 2006, 4671-4673
- **Leszczynski D**. Letter to the Editor: Mobile phones, precautionary principle, and future research. *The Lancet* 358, 2001, 1733

Articles in International Peer-Reviewed Scientific Journals

- **Leszczynski D**. Radiation Proteomics: A Brief Overview, *Proteomics, Reviews issue, 2014; 14 :481-488*
- Barjaktarovic Z, Anastasov N, Azimzadeh O, Sriharshan A, Sarioglu H, Ueffing M, Tammio H, Hakanen A, **Leszczynski D**, Atkinson MJ, Tapio S. Integrative proteomic and microRNA analysis of primary human coronary artery endothelial cells exposed to low-dose gamma radiation. *Radiat Environ Biophys.* 2013; 52 :87-98
- **Leszczynski D**, de Pomerai D, Koczan D, Stoll D, Franke H, Pablo Albar J. Five years later: The current status of the use of proteomics and transcriptomics in EMF research. *Proteomics.* 2012 Jun 18. doi: 10.1002/pmic.201200122. [Epub ahead of print]
- Chen G, Lu D, Chiang H, **Leszczynski D**, Xu Z. Using model organism *Saccharomyces cerevisiae* to evaluate the effects of ELF-MF and RF-EMF exposure on global gene expression. *Bioelectromagnetics.* 2012 Apr 9. doi: 10.1002/bem.21724. [Epub ahead of print]

- Pastila R, Heinävaara S, Ylianttila L, **Leszczynski D**. In vivo UVA irradiation of mouse is more efficient in promoting pulmonary melanoma metastasis than in vitro. *Cancer Cell Int.* 2011 Jun 6; 11(1):16.
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