

## Curriculum vitae of Dariusz Leszczynski

### Dariusz Leszczynski

**Born** 1955 (Krakow, Poland)

**Citizenship** Finnish (since 1990)



### Education

**1974-1978** molecular biology, Jagiellonian University, Krakow, Poland

**1978-1980** doctoral studies in cell biology, Centre of Postgraduate Medical 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

**Adjunct Professor of Biochemistry (Dosentti) - 1992** Department of Biosciences, Division of Biochemistry and Biotechnology, University of Helsinki, Helsinki, Finland

### Appointments & Duties (present)

**Independent scientist/expert/lecturer; freelance** (2014 - present)

**Adjunct Professor of Biochemistry** (1992 – present) Department of Biosciences, Division of Biochemistry and Biotechnology, University of Helsinki, Helsinki, Finland

**Chief Editor** (2014 – present), '*Frontiers in Radiation and Health*' specialty of the 'Frontiers in Public Health', Lausanne, Switzerland

### Appointments (past)

**2014 - present** **Chief Editor** of the 'Radiation and Health' specialty of the 'Frontiers in Public Health', Lausanne, Switzerland (*pro bono*)

**2014 - 2015** **Member of the Advisory Board**, Cellraid Ltd, Oulu, Finland (*pro bono*)

**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 (K.P.Chao) Professor**, Bioelectromagnetics Laboratory, Zhejiang University, School of Medicine, Hangzhou, China

**2003 - 2007** **Head of the Radiation Biology Laboratory** of STUK - Radiation and Nuclear Safety Authority, 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 & Wellman Laboratories at the Massachusetts General Hospital, Cambridge/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 of Biochemistry**, Department of Biosciences, Division of Biochemistry and Biotechnology, University of Helsinki, Helsinki, Finland

**1991 - 1992** **Assistant**, Department of Biochemistry, University of Helsinki, Finland

**1990 - 1991** **Scientist**, Georgetown University Medical Center, Washington, DC, USA

<b>1986 - 1991</b>	<b>Scientist</b> , Transplantation Laboratory, University of Helsinki, Helsinki, Finland
<b>1983 - 1985</b>	Post-Doctoral Fellow, Transplantation Lab, Univ. Helsinki, Finland
<b>1983 - 1986</b>	<b>Senior Scientist</b> , Dept. Histology & Embryology, Pomeranian Medical Academy, Szczecin, Poland
<b>1980 - 1983</b>	<b>Scientist</b> , Dept. Histology & Embryology, Pomeranian Med. Acad., Szczecin, Poland
<b>1978 - 1980</b>	<b>PhD Student</b> , Cytophysiology Laboratory, Center for Postgraduate Medical Education, Warsaw, Poland
<b>1977 - 1978</b>	<b>Junior Assistant</b> , Institute of Pharmacology, Polish Academy of Sciences, Krakow, Poland

#### Sabbaticals (USA, China, Australia)

<b>2012 – 2013</b>	<b>Visiting Professor</b> , Bioelectromagnetics and Cellular Neuroscience Labs, Brain and Psychological Sciences Research Centre, Swinburne University of Technology, Hawthorn/Melbourne, VIC, Australia
<b>2007 - 2010</b>	<b>Guangbiao (K.P.Chao) Professor</b> , Zhejiang University, School of Medicine, Hangzhou, China
<b>1997 - 1999</b>	<b>Assistant Professor of Dermatology</b> , Department of Dermatology, Harvard Medical School & Wellman Laboratories at the Massachusetts General Hospital, Cambridge/Boston, MA, USA
<b>1990 - 1991</b>	<b>Scientist</b> , Department of Surgery, Georgetown University Medical Center, Washington, DC, USA

#### Editor of Scientific Journals

**Chief Editor** of '*Frontiers in Radiation and Health*'; a specialty of the '*Frontiers in Public Health*'; January 2014 – present

**Member of the Editorial Board** of '*Bioelectromagnetics*' journal, 2010 - present

**Associate Editor** of the '*Bioelectromagnetics*' journal, 2006 - 2010

**Editorial Advisory Board** of the '*Open Proteomics Journal*'; 2007 - 2010

**Guest Editor** of the '*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; 2013 (<http://www.springer.com/biomed/book/978-94-007-5895-7>)

#### 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** providing advice to the **Minister of Digitization of the Government of Poland**; cell towers' radiation and health; 2016 - 2017
- **Invited Expert** to the **Parliament of Canada (The House of Commons' Standing Committee on Health)**; hearing on the Safety Code 6 (wireless radiation and health); April 23, 2015
- **Invited Expert** in meetings with the **Government officials in India**, Sept. 16-17, 2014 (cell phones, cell towers and health)
  - Dr. Harsh Vadrhan, the **Minister of Health and Family Welfare of India**
  - Dr. Vishwa Mohan Katoch, **Secretary to the Government of India** and Director-General of the Indian Council of Medical Research

- Mr. Anil Kumar Purwar, Advisor (Technology), Department of Telecommunications, Ministry of Communications & IT of India
- Mr. A. K. Mittal, Senior Deputy Director General, Telecommunication Engineering Centre, Department of Telecommunications, Ministry of Communications & IT of India
- Ms. Neeta Singh, President of the Indian Association on Cancer Research
- **Invited Expert** in meeting with the **Principal Secretary of the Urban Development of the Maharashtra State of India**, Sept. 19, 2014 (sitting of cell towers and health)
- **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 (The Appropriations Committee)** 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 14, 2009
- **Invited Reviewer** for the **Children with Leukaemia Foundation**, London, UK, 2008
- **Invited Expert** to the **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** to **The Netherlands Organization for Health Research and Development (ZonMw)**; Electromagnetic Fields and Health; 2006/7
- **Invited Expert to the World Health Organization** (e-mail comments); 2006 update of the Research Agenda on cell phone radiation and health
- **Invited Expert** to the **Parliament of Finland** / Environment and Nature Interests Group - biological effects of mobile phone radiation; 19.05.2005
- **Invited Expert to the World Health Organization**; Cell Phone Radiation Biological and Health Research Review, Needs and Priorities Meeting, 11-13.06.2003, Geneva, Switzerland
- **Invited Expert to the Finnish Parliament** / Employment and Equality Committee; cell phone radiation effect on humans; 15.05.2003
- **Invited Reviewer to the International Commission on Non-Ionizing Radiation Protection (ICNIRP)**; biological effects of radiation emitted by the security devices; 2000

#### 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 -

#### Organizer of the Scientific program of the International Conferences

- **Conference on Research and Policy Needs for Environmental Health**, January 23-26, 2017, Israel Institute for Advanced Studies, J. Edmund Safra Campus, Givat Ram, Jerusalem, Israel
- **Conference on Medical, Biological, Technical and Legal Aspects of Electromagnetic Field Influence on**

- Environment** (evaluations, opinions, harmonization), December 15, 2016, Polish Institute of Communications, Mercure Hotel, Warsaw, Poland
- **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**

- BioEM2015, Session Chair, Asilomar, CA, USA, June 2015
- BioEM2014, Session Chair, Cape Town, South Africa, June 2014
- BioEM2013, Session Chair, Thessaloniki, Greece, 2013
- Monte Verita meeting on ‘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
- 29<sup>th</sup> URSI General Assembly, Chicago, IL, USA, August 2008; Session Organizer and Chair
- 30<sup>th</sup> Annual Meeting of the Bioelectromagnetics Society, San Diego, CA, USA, 9-13.06.2008 (Member of the Technical Committee; Plenary Session Organizer & Chair & Speaker)
- 29<sup>th</sup> Annual Meeting of the Bioelectromagnetics Society, Kanazawa, Japan, 11-15.06.2007 (Member of the Technical Committee; Session Chair)
- 28<sup>th</sup> 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
- 3<sup>rd</sup> Workshop on Biological Effects of Electromagnetic Fields, Greece, October 2004; Session “Genomics, Transcriptomics and Proteomics” (Session Organizer and Chair)
- 26<sup>th</sup> 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)
- 25<sup>th</sup> Annual Meeting of Bioelectromagnetics Society, Maui, HI, USA, 23-27.06.2003, (Member of the Technical

Committee)

- 2<sup>nd</sup> 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 (foreign)

#### **Cell phone radiation and health**

- Lecture circuit in Australia, November/December 2016
  - SSMA (Stop Smart Meters Australia), Melbourne, Nov. 20, 2016
  - Swinburne University of Technology, Hawthorn/Melbourne, Nov. 21, 2016
  - ARPANSA (Australian Radiation Protection and Nuclear Safety Agency), Melbourne, Nov. 13, 2016
  - University of New South Wales, Sydney, Dec. 2, 2016
- presentation for the working group Abyrg notkun UT at the Reykjavik City Department of Education, Iceland (via skype), January 27, 2016
- Lecture circuit in Australia, November/December 2015
  - University of the New South Wales, Sydney, Nov. 27, 2015
  - Monash University, Melbourne, Dec. 9, 2015
  - Melbourne University, Melbourne, Dec. 11, 2015
- EMANET2015, Meeting of the Turkish Bioelectromagnetics Society, Key-Note Speaker, Mersin, Turkey November 2015
- Mobile phone radiation and health meeting in Belgrade, Serbia, Oct. 24, 2015
- Swiss association 'Gigaherz' Jubiläums-Generalversammlung, Key-Note Speaker, Thalvil (near Zurich), March 7, 2015
- Lecture circuit in Australia, November 2014 (cell phone radiation and health)
  - Nov. 10, 2014, Castle Hill High School, Sydney, NSW
  - Nov. 12, 2014, Wollongong University, Wollongong, NSW
  - Nov. 17, 2014, Monash University, Melbourne, VIC
  - Nov. 17, 2014, Sandringham Hotel, Sandringham, VIC
  - Nov. 18, 2014, Swinburne University of Technology, Hawthorn, VIC
  - Nov. 21, 2014, New South Wales University, Sydney, NSW
- Lecture circuit in India in September 2014 (cell phone radiation and health)
  - Sept. 15, 2014, India International Center, New Delhi
  - Sept. 16, 2014, Indian Institute of Technology, New Delhi
  - Sept. 17, 2014, Rotary Club of Hanging Gardens, Malabar Hill Club, Mumbai
  - Sept. 18, 2014, Rotary Club of Bombay Hills South, Taj Mahal Hotel, Mumbai
  - Sept. 18, 2014, Indian Merchants Chamber, Council for Fair Business Practices, Mumbai
  - Sept. 19, 2014, Meet the Media, Press Club of Mumbai
- 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
- Harvard University, Wellman Laboratories of Photomedicine, Boston, MA, USA, 27.11.1996
- 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 Conferences**

- Opening Lecture at Conference on Medical, Biological, Technical and Legal Aspects of Electromagnetic Field Influence on Environment (evaluations, opinions, harmonization), December 15, 2016, Polish Institute of Communications, Mercure Hotel, Warsaw, Poland
- 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 2012 event, 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; (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
- 29<sup>th</sup> 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)
- 28<sup>th</sup> URSI General Assembly, New Delhi, India, 23-29.10.2005. (2 invited talks)
- 4<sup>th</sup> 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.
- 26<sup>th</sup> 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
- 6<sup>th</sup> 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, Reischensberg, Germany.
- WHO & ICNIRP & China Health Ministry, 3<sup>rd</sup> International EMF Seminar in China: Electromagnetic Fields and Biological Effects, 14-17.10.2003, Guilin, China (Keynote talk)
- 25<sup>th</sup> Annual Meeting of Bioelectromagnetics Society, Maui, HI, USA, 23-27.06.2003. (Plenary 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.
- 27<sup>th</sup> General Assembly of the International Union of Radio Science (URSI), Maastricht, The Netherlands, 17-24.08.2002.
- 24<sup>th</sup> Annual Meeting of Bioelectromagnetics Society, Quebec City, Canada, 23-27.06.2002
- 29<sup>th</sup> 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 5<sup>th</sup> Framework Programme: Environment & Health - Health Impact of Electromagnetic Fields, Helsinki, Finland 19-22.09.2000
- Jagiellonian University, 7<sup>th</sup> Polish National Conference on Cell Biology, Krakow, Poland, 9-11.09.1999
- NORDTOX/NordEMS, 5<sup>th</sup> Nordic Toxicology Meeting, Helsinki, Finland, 25.05.1998,

### Awards

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|-------------|---|
| <b>2010</b> | Leadership Award from the Bioelectromagnetics Society for <b>D. Leszczynski</b> , Technical Program Chair of the 32 <sup>nd</sup> Annual Meeting of the Bioelectromagnetics Society, Seoul, South Korea |
| <b>2009</b> | Leadership Award from the Bioelectromagnetics Society for <b>D. Leszczynski</b> , Technical Program Co-Chair of the BioEM2009 in Davos, Switzerland   |
| <b>2004</b> | Study ‘ <i>Mobile Phone Radiation Affects Cytoskeleton</i> ’ by <b>D. Leszczynski</b> & R. Nylund selected for the American Society for Cell Biology Annual Meeting Press Book, Washington DC, USA      |
| <b>2002</b> | Award ‘Scientist of the Year’ for <b>D. Leszczynski</b> by the STUK - Radiation and Nuclear Safety Authority in Finland   |
| <b>1984</b> | Young Scientist Award for D. Leszczynski at the Annual Meeting of the Polish Society for Histochemistry and Cytochemistry, held in Wroclaw, Poland  |

### 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 7<sup>th</sup> 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;

**Travel grants**

- Finnish Cancer Foundation, Finnish KONE Foundation, German Pandora Foundation (numerous)

**Supervision of Doctoral Fellows**

- Reetta Nylund, MSc (Tech.), Helsinki University of Technology, Espoo, Finland; PhD expected in 2011 (Proteomics and RF-EMF)
- 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)

**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 Master's thesis (Hanna Tammio), Univ. Helsinki; 2007
- 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)