

**CEBULSKA-WASILEWSKA Antonina**  
Graduated at Jagiellonian University, Kraków, Poland



**Current Positions:**

- Full Professor, Head of the Radiation and Environmental Biology Department, The Henryk Niewodniczański Institute of Nuclear Physics, Polish Academy of Science, ul.Radzikowskiego 152, 31-342 Kraków, Poland.
- University Professor, Head of the Molecular Epidemiology Lab, Chair of Epidemiology and Preventive Medicine, Collegium Medicum, Jagiellonian University, Kraków

**Education and Qualifications:**

- M.Sc.- 1966** Chemistry, Jagiellonian University, Kraków,  
**Ph.D.- 1974** Chemistry, AMM, Kraków,  
5/79 - 11/79 International Agricultural Centre Fellow, ITAL, Wageningen, The Netherlands  
2/81 - 3/82 IAEA Fellowship. Research Institute ITAL, Wageningen, The Netherlands  
6/82 - 9/82 IAEA Fellowship. Research Institute ITAL, Wageningen, The Netherlands  
9/88 - 9/89 Visiting Research Associate, **Stanford University School of Medicine**, Radiation Oncology Division, Stanford, California, USA  
6/90 - 7/90 **IAEA - Interregional Course of Radiation Cytogenesis**, Rio de Janeiro, Brazil  
**D.Sc.- 1991** Genetics, Chair of Biology and Environmental Protection, Univ. of Silesia,  
4/93 - 5/93 **"The Radiobiological Basis of Modern Radiotherapy Innovations"** ESTRO Course - Cancer Research Campaign, Gray Laboratory, Northwood, UK  
6/93 - 7/93 CEC-Brussels Fellowship, National Radiological Protection Board, Chilton, UK,  
7/94 - 8/94 CEC - Brussels Fellowship, BIBRA International, Carshalton, UK,  
3/94 - 6/94 CEC Fellowship, Sylvius Laboratory, University of Leiden, the Netherlands  
5/98 - 6/98 Brookhaven National Laboratory, NY, **US - Courses:** GP, BBP - Blood Born Pathogens, RWT002 - Radiological Worker No 1, LS - Laboratory Standard, GET, RCT-IGEN-Hazardous Waste Generator, RWT-310- Contamination for BNCT.

**2001- Full Professorship** – National Central Committee for Qualifications,  
**7.01.2002** Nomination by the **President of Poland**

**Publications:** Author and co-author in more than **200** articles, among them **in 1980** demonstrating the first prove and experimental results confirmed by molecular theory for the synergistic enhancement in the induction of gene mutations in somatic cells resulting from interaction between chemicals and radiation.

**Scientific projects** leader in more than 15 national research programs. 1986-1990 leader of the Polish project on Trad-SH bioindicator for the **Interregional Program on Chemical Safety** (1990-**WHO expert**).

**Since 1993 – contractor and leader of the Polish parts of projects (10 joint research: EC Frameworks, NIH US, or NATO projects).**

**EC expert reviewer since 5<sup>th</sup> Framework KA4.**

**Principal Organizer – International conferences and meetings:**

**1981 – European Society of Radiation Biology - Kraków**

**1984 - “Somatic Mutations in Trad-SH as a Model System in Radiobiology and Environmental Studies” Kraków**

**1987 “Are Chemicals more Hazardous to Environment than Radiation?”, Kraków**

**1995 - “100 years of discovery of X-rays by W.C.Roentgen” , Kraków**

**1997 -"Radioactivity: Risk and Hope of Maria Skłodowska-Curie - 130 Birthday of Maria Skłodowska and 100 Years since the Discovery of Polonium, Kraków**

**1999 - EC KA4 Project Workshop in Kraków,**

**2002 - Director of NATO ARW and Director IAEMS - A. Hollaender Course “Humogef”, Kraków**

**2003 - EC KA4 Project EXPAH Workshop in Kraków,**

**2004-2005 - Principal Organizer of project proposal for 14<sup>th</sup> International Congress of Radiation Research**

**Principal Organizer - National**

**12<sup>th</sup> National Meeting and Conference of The Maria Skłodowska-Curie Polish Radiation Research –Society - Kraków, 2001.**

**Co-chairman:** in many national and international meetings of Radiation Research Society.

**Teaching:**

Lectures and Training Courses on Radiobiology and Molecular Epidemiology **at the Chair of Medical Physics and Dosimetry** at AGH, and at the **Chair of Epidemiology and Preventive Medicine** of CM UJ - Medical College at Jagiellonian University. **Supervisor and reviewer** of master and doctoral thesis.

### **Recent Awards:**

**IAEMS** for outstanding presentation on 3rd ICEMHP conference: "Understanding Gene and Environmental Interactions for Disease Prevention", Bangkok, Thailand, 1998.

**NATO Publisher Award** - 2002, **Scientific Award of PTBR** memorial to Maria Skłodowska-Curie – 2007. **ACRR2009 Scientific Award**.

### **Council Member:**

**1992- now, elected** Member of Radiation Protection and Radiobiology Commission of the Committee of Medical Physics and Radiobiology of the Polish Academy of Science. **1992 – now, elected** Member of the National Council of The Maria Skłodowska-Curie Polish Radiation Research Society.

**2002 – now, elected councillor/member** of the Council of the **IARR** International Association of Radiation Research, representative of Poland .

**Member of International Advisory Board, Section - Biomonitoring: Korean Journal of Environmental Biology, Member of International Advisory Board: Korean Journal of Industrial Biology**

**2004 - 2005 Organizer and main author of PTBR proposal for the 14<sup>th</sup> ICRR in 2011,**

**2005 - Member of International Advisory Board, of 9<sup>th</sup> International Conference on Environmental Mutagens, San Francisco, 2005.**

**2005 – October - IARR interim meeting in Denver, presentation of the Polish proposal.**

**2007 – elected as a President of 14<sup>th</sup> International Congress of Radiation Research – Poland 2011 –**

<http://www.ICRR2011symp.pl>, <http://14icrrnews.pl>

**Membership: Polish Radiation Research Society- PTBR, European Cytogenesis's Society, EMS, Polish Genetic Society, National Park Society - Section of Polish Ecological Society,**

**Hobby: Professional guide** in the Tatra mountains, hiking, skiing, dancing – former member of ballet group of students ensemble "Słowianki –UJ", sailing.

**Leadership of the international projects** (since 1993: 1. Project title, 2. Institution, start & closing dates, number of agreement. 3. Articles and proceedings published

1./ "Biological Monitoring with Total Consideration of Genotoxicity of Benzene Related Compounds" - IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Marzec 1993 - Kwiecień 1995. **PECO 10964 CIPDCT 925100 (Joint Research CEC Project) - (5)**

2./ "Biological Efficiency of High LET Radiation"- IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, March 1993 - April 1995, **PECO 2992 CIPDCT 925008 (Joint Research CEC Project) - (4).**

3./ "Comparison Between Biological Efficiency of 5,6 MeV Neutrons and Fission Neutrons from NRC Petten Reactor" - IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Marzec 1994 - Kwiecień 1997, **PECO93 CIPDCT 930110 (Joint Research CEC CLINCT Project) – (8)**

4. **Biological Efficiency of Neutrons w in presence or absence of the 10B"** - IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Październik 1997 - Grudzień 1999. **PAA/NIH-97-308 - (18).**

4a/"Badania Skuteczności Biologicznej Promieniowania na przykładzie neutronów nóżnych Energii" IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, 1997-2000, KBN No 6 P04A 051 12 - (8).

5./ "Pesticide Effects on Humans", - IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Marzec 1997 - Kwiecień 2000, **INCO- ERBIC 15CT 960300 - (22)**

6./ **NATO Advanced Research Workshop on „Human Monitoring for Genetic Effects”,** Conference and A.Hollaender Course "Humogef" IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Marzec 2002 – grudzień 2002, **NATO ARW No: 978854, EC- ICA1-CT-2002-60003 - (9).**

7./ "Effects of PAHs in Environmental Pollution on Exogenous and Endogenous DNA Damage", IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Styczeń 2001 – Styczeń 2004, **QLK4-CT-2000-00091 - (15)**

7a ./ "Skutki WWA Skażeń Środowiskowych w Egzogennych oraz Endogennych Uszkodzeniach DNA" - IFJ Kraków, Zakład Biologii Radiacyjnej i Środowiskowej, Styczeń 2001 - Grudzień 2003, 620/E-77/SPUB-M/5. **PRUE/DZ 74/2001-2003 - (5)**

8./ "Cytogenetic Biomarkers and Human Cancer Risk", **QLK4-CT-2000-00628, NAS extension: QLK4-CT-2002-02831,-** Collegium Medicum UJ, Kraków, Polska, 2003-2006 - (8).

8a/ "Biomarkery cytotogenetyczne, a ryzyko raka u człowieka - rozszerzenie o nowo dołączone kraje" -, Kraków, Polska, Kierownik projektu SPUB 156/E-390/5.PR UE/DWM 626/2003-2004, 2003-2006 - (7).

9/ <http://www.euroworksafe.eu/> - **project: e-Ten 2005/1 – CO029238,** Theme: Health, Collegium Medicum UJ, Kraków, Polska, 2006-2008 - (5 + 1 in press).

10. **NATO Advanced Training Workshop „RADIPER” –17-23.10.2009** "Rapid Diagnosis in Population at Emergency and Risk" <http://natoatcradiper.org>