Curriculum Vitae

Last name, First name: **RYDZYŃSKI KONRAD** **Gender**: **M**

Nationality/ies: **Polish**

Overall Scientific Expertise:

Broad experience in toxicology, including exposure assessment and risk evaluation and assessment.
In the last years research work is concentrated on genotoxicity and carcinogenesis, with special emphasis on health hazard and risks from exposure to nanoparticles.

[Based on your educational and professional backgrounds, please summarise (up to 100 words) your scientific expertise (disciplinary areas, competencies, etc.) especially your health and environmental risk assessment expertise and experience in risk assessment *(if applicable*).]

Professional Experience

[Starting with your present occupation, list in reverse chronological order each activity in which you have been engaged. Please copy and paste more rows if needed.]

Years employed from – to	Title of position	Employer – name and location	Areas of professional specialisation♠
2000 - present	Director General	Nofer Institute of Occupational Medicine, Lodz, Poland	Research management, toxicologist
1994-1999	Deputy Director for Research	Nofer Institute of Occupational Medicine, Lodz, Poland	Coordination and administration of all research activities
1992- 1999	Head Dept. of Toxicity Evaluation	Nofer Institute of Occupational Medicine, Lodz, Poland	Main professional interests: inhalation toxicology, organic solvents, in vitro methods, genotoxicity carcinogenicity, risk assessment, industrial hygiene, regulatory toxicology (implementation of the European Union chemical safety law in Poland).
1987-1991	Electron Microscopy Lab, Dept. of Pathomorphology	Nofer Institute of Occupational Medicine, Lodz, Poland	Environmental toxicology & medicine, doing histopathology, immunohistochemistry, EM, morphometry, image analysis
1983-1987	Dept. of Biogenic Amines, Polish Acad. Sci. staff	Polish Academy of Sciences, Lodz, Poland	Cell biology, immunotoxicology, working with electron microscopy, histochemistry and cell culturing.

1974-1983	Military Medical University staff	Military Medical University, Lodz, Poland	Teaching histology, embryology, cell biology, doing electron microscopy, morphometry and freeze-fracturing

♠[*For example*: toxicology (alternative methods, carcinogenesis, endocrine, immunotoxicity, occupational, exposure assessment, genotoxicity, etc.), chemistry (atmospheric, medicinal, peptide, etc.), physics (biophysics, EMF radiation, noise, etc.), engineering (genetic, environmental, medical, etc.), biology (antimicrobial resistance, biophysics, biotechnology, etc.), medicine (allergies, neurology, etc.), epidemiology (clinical, genetic, cancer, etc.) environmental science (air quality, waste treatment, climate change, ecology, etc.), biostatistics, pharmacokinetics, medical technologies, nanoscience, etc…]

Educational Background

[Starting with the most recent, please provide the details of your post-secondary education and/or professional training (e.g. university or its equivalent, postgraduate, postdoctoral). Please copy and paste more rows if needed.]

Year	Degree awarded	Educational Institution – name and location	Areas of educational specialisation*
1998	Full professor	President of Poland	medicine
1994-1998	Professor	Nofer Institute of Occupational Medicine, Lodz, Poland	medicine
1987-1994	Assistant Professor	Nofer Institute of Occupational Medicine, Lodz, Poland	medicine
1978	PhD	Military Medical University, Lodz, Poland	medicine

*[*For example*: chemistry (analytical, organic, etc.), physics (thermodynamics, nuclear, etc.), engineering (mechanical, electrical, chemical, civil, etc.), biology (microbiology, molecular, etc.), medicine (dermatology, oncology, etc.), environmental science, pharmacology, toxicology, etc.…]

Memberships in Scientific Advisory Bodies/Committees/Panels *(if any)***:**

1. Member of the Scientific Committee on Emerging and Newly Identified Health Risks, DG SANCO of European Commission (2004-2010 and 2013-2016)
    - Member of the SCENIHR Working Group on "The appropriateness of existing methodologies to assess potential risks associated with engineered and adventitious products of nanotechnologies"
    - Member of the SCENIHR Working Group on "The appropriateness of the risk assessment methodology in accordance with the TGD documents for new and existing chemicals for assessing the risks of nanomaterials"
    - Member of the SCENIHR Working Group on "Smokeless tobacco products"
    - Chairman of the SCENIHR Working Group on "the potential health risks of exposure to noise from personal music players and mobile phones including a music playing function"
    - Member of the SCENIHR Working Group on "The risk assessment methodologies and approaches for mutagenic and carcinogenic substances"

- Member of the SCENIHR Working Group on ” Additives used in tobacco products. Tobacco additives I”

2. Member of the Expert Advisory Group for European Union 5th Framework Program Key Action 1 “Food, Nutrition & Health” and Key Action 4 “Environment and Health”, DG Research (1999-2002)
3. Member and Vice-Chair of the Advisory Group for European Union 6th Framework Program Priority Area 5 “Food Quality and Safety” DG Research (2002-2006)
4. Polish Delegate to OECD Test Guidelines Program (1995-1999)
5. Member of the Advisory Board to The Ministry of Environment, Forestry and Natural Resources (Chairman of Environmental Health Risks Subcommittee) (1995-1999)
6. Member of The Polish MAC Values Commission for Chemicals (1989-1999)
7. Member (1994-1996), then Chairman (1996-1999) of the Public Health Granting Council at The Committee for Scientific Research
8. Member of The Advisory Council to the Chief Sanitary Inspectorate (since 2005)
9. Founder and The Head of The National Centre for Alternative Methods (1995-2000)
10. Organizer of the EUROTOX Course: "Principles of risk assessment from chemical exposure" Lodz, Poland, August 31 - September 6, 1995.
11. Lecturer at the international EUROTOX Course: "Principles of risk assessment from chemicals" Wilno, Lithuania; Pula, Croatia; Varna, Bulgaria (1995-1997)
12. Organizer and Deputy Director of the School of Public Health, Nofer Institute of Occupational Medicine, Lodz; 1993 – 1997; Director of SPH (2000-2003)
13. Assessor/Lead Assessor, The British Standards Institute, Certificate No. 94565A-29984, from 18 March 1995, and Certified Auditor No. 419, Polish Centre for Research and Certification.

Memberships in Learned Societies *(if any)***:**

1. Honorary Member of The Ukrainian Medical Academy of Sciences (since 2011)
2. Member of Committee for Human Risks of the Polish Academy of Sciences (2005-2011)
3. Member of The Executive Council of International Commission on Occupational Health Medichem Committee (2000-2004)
4. Director in the Executive Committee of The International Union of Toxicology (2001-2007)
5. President of The Polish Society of Toxicology (2002 - 2009)
6. Member of The Biological Effects of Low Level Exposure (BELLE) Advisory Committee, USA (since 2000)
7. Member of The EUROTOX Educational Subcommittee (1999-2006)
8. Member of The Executive Council of The Polish Society of Toxicology (1999-2002)
9. Member of The EUROTOX (European Association of Societies of Toxicology) Executive Committee (1996-2002)
10. Member of Collegium Ramazzini (since 2000)

Memberships in Editorial Boards *(if any)***:**

1. Member of Editorial Board (1992-1999), then Editor in Chief (since 2000) of “International Journal of Occupational Medicine and Environmental Health”
2. Member of Editorial Board of “Medycyna Pracy”
3. Member of Editorial Board of “International Journal of Hygiene and Environmental Health”,
4. Member of Editorial Board of “Acta Toxicologica” (2002-2010)
5. Member of Editorial Board of “Comments in Toxicology” (2000 – 2007)

List of Publications:
[Please indicate the type and total number of your publications. In addition, provide the bibliographic details for the 10 most representative, peer-reviewed articles which highlight the main areas of your scientific expertise.]
Publications: 122, cited: 1148

1. **Genotoxic effects of occupational exposure to lead and cadmium** By: Palus, J; Rydzyński, K; Dziubaltowska, E; et al. MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS Volume: 540 Issue: 1 Pages: 19-28 Published: SEP 9 2003

2. **Reproducible Comet assay of amorphous silica nanoparticles detects no genotoxicity** By: Barnes, Clifford A.; Elsaesser, Andreas; Arkusz, Joanna; et al. NANO LETTERS Volume: 8 Issue: 9 Pages: 3069-3074 Published: SEP 2008

3. **Relation between sources of particulate air pollution and biological effect parameters in samples from four European cities: An exploratory study** By: Steerenberg, PA; van Amelsvoort, L; Lovik, M; et al. INHALATION TOXICOLOGY Volume: 18 Issue: 5 Pages: 333-346 Published: MAY 2006

4. **Blood concentration of essential trace elements and heavy metals in workers exposed to lead and cadmium.** By: Wasowicz, W; Gromadzinska, J; Rydzyński, K. International journal of occupational medicine and environmental health Volume: 14 Issue: 3 Pages: 223-9 Published: 2001

5. **Oxidative DNA damage and oxidative stress in subjects occupationally exposed to nitrous oxide (N2O)** By: Wrońska-Nofer, T. Nofer, JR; Jajte, J. Dziubaltowska, E; Szymczak, W. Krajewski, W; Wasowicz, W ; Rydzynski, K. MUTATION RESEARCH-FUNDAMENTAL AND MOLECULAR MECHANISMS OF MUTAGENESIS Volume: 731 Issue: 1-2 Pages: 58-63 Published: MAR 1 2012

6. **Assessment of the protective effects of selected dietary anticarcinogens against DNA damage and cytogenetic effects induced by benzo[a]pyrene in C57BL/6J mice** By: Gradecka-Meesters, D.; Palus, J., Prochazka, G. et al. FOOD AND CHEMICAL TOXICOLOGY Volume: 49 Issue: 8 Pages: 1674-1683 Published: AUG 2011

7. **The inflammatory response in lungs of rats exposed on the airborne particles collected during different seasons in four European cities** By: Halatek, Tadeusz; Stepnik, Maciej; Stetkiewicz, Jan; et al. JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING Volume: 46 Issue: 13 Pages: 1469-1481 Published: 2011

8. **Cytotoxic effects in 3T3-L1 mouse and WI-38 human fibroblasts following 72 hour and 7 day exposures to commercial silica nanoparticles** By: Stepnik, Maciej; Arkusz, Joanna; Smok-Pieniążek, Anna; et al. TOXICOLOGY AND APPLIED PHARMACOLOGY Volume: 263 Issue: 1 Pages: 89-101 Published: AUG 15 2012

9. **Vanadium, niobium, and tantalum**. Rydzyński K, Pakulska D. In: Patty's Toxicology. John Wiley & Sons 2012, 511-654.