

CURRICULUM VITAE

PERSONAL INFORMATION

Name: DR. HABIL. IVAN RAISZ C. SC.

Date of Birth: 17. 10. 1943.

PROFESSION:

1994- Research Director of ENVIRO-PHARM LTD

EDUCATION

1976-1981: Institute of Chemical Technology, Moscow: "Candidate of Chemical Sci." Thesis: Optimisation of Chromatograph-Computer System.

1966-1969: Kossuth Lajos University, Faculty of Natural Science: Doctor Natural Sci. Thesis: Determination of Cu^{2+} , Ni^{2+} , Fe^{3+} , Al^{3+} , V^{5+} in Natural Waters.

1961-1966: Kossuth Lajos University, Faculty of Natural Science: Graduated as Teacher in Secondary School.

SCIENTIFIC DEGREES

University doctor in Natural Science(1969)

Candidate of Chemical Sciences (1981)

Habilitated Doctor in Technical Sciences (1996)

WORK EXPERIENCE

1994-present: Research Director of ENVIRO-PHARM LTD

1990-2008: University of Miskolc. Department of Chemistry. Associated professor, Head of Chromatographic and Environmental Protection Laboratory.

1985-2008: University of Miskolc. Institute of Chemistry, Department of Physical Chemistry. Associated professor.

1990-1996: Head of the Dept. and Deputy of Head of the Institute.

1965-1985: Senior teacher at the Higher Institute of Digital Control for Chemical Engineering (Kazincbarcika)

PUBLICATION

91 papers (in Hungarian)

27 papers (in others)

23 lectures (in Hungarian)

92 lectures (in others)

36 patents

PROFESSIONAL RECOGNITIONS (main in last 13 years):

COUNTY PRIMA PRIZE, 2016

JEDLIK ÁNYOS-Prize for Inventions, 2014

BRONZE PRIZE, Seoul International Invention Fair 2013

GOLDEN AWARD, ARCA 2013 Zagreb

SPECIAL PRIZE of International Personnel Academy (Kiev) 2013

GOLD MEDAL with mention, IWIS Warsaw, 2013

GOLD MEDAL, IX. International Salon of Inventions (Sevastopol) 2013

GOLD MEDAL INVENTIO Prague 2013

ENERGY INVENTION ORDER OF MERIT. WORLD INVENTOR AWARG FESTIVAL 2012 KOREA

CHEMISTRY INVENTION ORDER OF MERIT. WORLD INVENTOR AWARG FESTIVAL 2012 KOREA

IWIS 2011 Silver Medal, Warsaw, 5th of November 2011.

GREEN OSCAR PRIZE, IFIA 30th October 2011 NURENBERG.

SILVER PRIZE Svenska Uppfinnareföreningen Stichoim October 4-7 2011.

Gold Prize SIIF 2010 Seoul International Invention Fair 2010 December 2-5, 2010.

SILVER PRIZE, 2nd Int. Exhibition of Inventions in Slovenia Ljubljana, May 18. 2010.

GOLD MEDAL Salon International des Inventions de Geneve 23 avril 2010,
BRONCANA ARCA 7. International Fair of inventions, new ideas, products and technologies
Zagreb, Hrvatska 15-19 rujna 2009.
IFIA ECO CUP International Invention Fair, Budapest 2009.
„Inventor of the Year 2008”. Association of Hungarian Inventors
Knight of the International Order of Merit of Inventors 2009-
Special Award, The 2nd International Inventor’s Day, 2-5 February 2009, Bangkok
PRO FACULTATE INGENIARIORUM METALLURGIAE. University of Miskolc, 2008.
Gold Medal, „[Inventor Festival](#)” October 16-19, Suzhou, China
Gold Medal, International Warsaw Invention Show – IWIS’08 Warsaw 04-05. June 2008,
The Cup of the President of the IWIS’08 Warsaw 04-05. June 2008,
The President’s Silver Commendation, 19TH International Invention, Innovation and Technol-
ogy Exhibition – ITEX Kuala Lumpur 2008.
Gold Medal, 36. Salon International des Inventions de Geneve 2008,
Preisich Miklós Prize (2007, Hungarian Chemical Association)
Gold Medal, International Warsaw Invention Show – IWIS Warsaw 30-31 May 2007
Gold Medal, 35. Salon International des Inventions de Geneve 2007,
Best Invention Price of Iran Elite Academy, 35. Salon International des Inventions de Geneve
2007,
WIPO Award for the Best Environmental Friendly Invention. Budapest, 2006,
The Cup of the President of the Gdansk International Fair Co., Gdansk, 2005,
Gold Medal with Nicola Tesla’s Face, Beograd 2005,
Gold Medal, 53. Brussels EUREKA World Exhibition of Innovation, Research and New
Technology, 2004
Knight, Belgian Royal Knighthood of Inventors 2004-

MAIN RESEARCH LEADER (FROM 1995)

Energy production by drying and burning of communal waste water sludge. . (2015, ENVIRO-
PHARM Ltd.)
Modified Clean Coal Power Plant. (2014, ENVIRO-PHARM Ltd.)
An Extremely High Energy Storage For Energy Industry. (2013, ENVIRO-PHARM Ltd.)
Green Power From Sludge. (2009, ENVIRO-PHARM Ltd.)
Methanol Synthesis from Communal Waste. (2008, ENVIRO-PHARM Ltd.)
Electrochemical Decontamination of Drinking Water. (2007, ENVIRO-PHARM Ltd.)
Expert Opinion for Draying of Mycelium Waste in TEVA (2007. TEVA Company)
Expert Opinion for Separate Handling of Waste Water in TEVA (2006. TEVA Company)
New Fuel Additive for Gas Turbines and Diesel and Otto engines. (2004, ENVIRO-PHARM
Ltd.)
Environmental Impacts Assessment of Waste Tyre Conversion to Energy (2003. ENERGO
KÖR Ltd.)
Expert Opinion for Handling of Ljungström Mud in Power Plant (2002. AES Ltd.)
ECOFRIM INCO-COPERNICUS project. 2000.
Life Cycle Assessment of Technologies. (2000 KAC Competition.)
Planning an Electrode System for Galvanic Covering of Microchip Surfaces. Dynamit Nobel
GmbH Explosivstoff- und Systemtechnik. (1999)
Decontamination of Toxic Waste Water by Electro oxidation. 1998. OTKA 16909
Waste for Reduction of Waste. Recycling of Water from Fine Suspension Waste Wa-
ter. (1997, ENVIRO-PHARM Ltd.)
Waste Water Treatment. PHARE ACCORD H-9112-0090, 1995.