**Yigal Elad Curriculum Vitae 03 2025**

1. **Personal**

Borne January, 13, 1952 in Tel Aviv, Israel. Nationality: Israeli.

* 1. High-school in Ramat Gan, Israel; 1970-1973 Military service.

Marital Status: Married, two children, seven grandchildren.

1. **University education and overseas research**

1974-1977 B.Sc. with honors in Agriculture. The Hebrew University of Jerusalem, Faculty of Agriculture (HUJI), Rehovot, Israel.

1978 M.Sc. with honors. HUJI;

Title of thesis: Biological control of *Sclerotium rolfsii* with *Trichoderma harzianum;* Supervised by I. Chet, J. Katan and Y. Henis.

1979-1983 Ph.D. HUJI; Title of thesis: The mechanism of biological control of soil‑borne plant pathogens by *Trichoderma* *harzianum* Rifai agrr. Supervised by I. Chet.

1983–1984 Visiting Scientist, Colorado State University, Dept, of Botany and Plant Pathology. With the late R. Baker;

Research subject: Interaction of Pseudomonads with Fusaria.

1984‑1985 Researcher, HUJI, Department of Microbiology and Plant Pathology;

Research subject: Biocontrol of *Pythium aphanidermatum* with bacteria.

1992 Visiting scientist at IPO‑DLO, Wageningen, The Netherlands. With N. J. Fokkema; Research subject: Suppression of infection and sporulation of *Botrytis cinerea*.

2002–2003 Honorary Scientific Research Fellow – Birkbeck, University of London with J. Nicklin, S. Baker and P. Bridge;

Research subject: Interaction between host plant, biocontrol agent, pathogen and indigenous microflora.

1. **Positions held and academic status**

1985- Research scientist, Department of Plant Pathology, Agricultural Research Organization, The Volcani Center, Rishon LeZion, Israel.

1991 Promoted to Senior Scientist (rank A).

1995 Promoted to A+, Similar to Full Professor, highest in the governmental research service.

1998-2002 Head, Dept. of Plant Pathology, The Volcani Center, Israel

2002-2008 Head, Plant Pathology Unit, Centre for R&D of Crop Protection With Low Environment and Consumer-Health Impact, Istituto Agrario di S. Michele all’Adige, Trentino, Italy.

2006-2015 Scientific Manager, Arava R&D, Israel.

2008-2009 Vice President (elected) of the Israeli Phytopathological Society.

2009 Appointed, Full Professor, The Hebrew University of Jerusalem

2009-2011 President (elected) of the Israeli Phytopathological Society.

2014-2017 Head, Institute of Plant Protection, The Volcani Center, Agricultural Research Organization

2019 Retired, active as a researcher for plant protection

1. **Awards and Special appointments**

1979 Kedma Prize in Plant Protection (Israel).

1982 A.Z. Cohen Prize for Plant Protection (Israel).

1983 Rothschild Fellowship for post doc. research in U.S.A.

1983 Fulbright grant for travel to U.S.A.

1984 Levi Eshkol Research Fund of the National Council for Research and Development (Israel).

1987 Antonio Ciccarone Prize for young plant pathologists at the 7th Congress of the Mediterranean Phytopathological Union, Granada.

1992 International Agricultural organization (IAC, Wageningen, The Netherlands) Fellowship.

1992 European Environmental Research Organization (EERO) fellowship.

1992 NUFFIC fellowship for travel to the Netherlands.

1999 'Researcher of the Year' at the Agricultural Research Organization – 1998, awarded by the Israeli Minister of Agriculture.

1999 Agritech Award for Excellence in Agricultural Research.

2006 Agrexco Excellence Award for researcher in agriculture.

2010 American Phytopathological Society (APS) Fellow Award

http://www.apsnet.org/members/awards/Fellows/Pages/EladYigal.aspx

2018 Life achievements prize awarded by the head of the Volcani Institute.

2023 Fellow award by the Internationsl Society for Plant Pathology (ISPP).

https://www.isppweb.org/about\_objectives.asp#hm

1. **Teaching**

1978-1983 Research and teaching assistant in Microbiology and Plant Pathology, HUJI.

2002-2004 Guest lecturer “Diseases of flower and ornamental plants” HUJI.

2006-2021 Guest Professor (course convener) “Epidemiological and environmental aspects of plant diseases”, HUJI.

* 1. **Instruction of students and researchers**

M. Sc. students – 54; Ph. D. students - 17; Visiting Researchers – 10.

**6. Membership in scientific, administrative and agricultural committees**

**6.1. Local**

1988‑1992 Member of the board of the Israeli Phytopathological Society.

1990 Member of the committees for reducing pesticide use, Ministry of Agric.

1990‑1994, 2004- Member, Committee for Registration of New Fungicides, Ministry of Agriculture.

1991 Member in the committee for evaluation, Crop Protection Research Proposals.

1992‑1994 Head, committee for evaluating research proposals in crop protection‑Ministry of Agric.

1993 Head, committee for evaluating research pre-proposals submitted to DIARP.

1991 Member, council for production in greenhouses, the Ministry of Agric.

1994-2004 Member, committee of the Institute of Plant Protection, The Volcani Center, for projects development (R&D).

1994-1995 Member, committee testing the research targets of Institute of Crop Protection, The Volcani Center.

1995-1996 Member, steering committee - Research proposals in plant protection.

1995-2000 Member, advisory committee for quarantine of biotic agents - Ministry of Agric.

1999-2002 Member of the Ministry of Agriculture committee for ranking research employees.

2000-2002, 2004-2005 Head Steering committee – Reduction of pesticide use in agriculture.

2000-2004 Referent, advisory committee to 'Kidum' the commercializing unit of the ARO.

2001-2004 Member, advisory committee to business management of the ARO.

2001-2002 Member, evaluation committee for research proposals in organic farming, Ministry of Agriculture.

2005-2006 Head, Steering Committee – Reduction of pesticide use in agriculture and food quality.

2014-2016 The ARO superior committee for strategic research development, pest management.

2009-2013 Head, Committee for Allocating and Creating Hebrew Names for Plant Diseases.

2011-2015 Member, Board of Yair Guron fellowships foundation.

2013-2015 Head, Fellowships Committee, Israeli Phytopathological Society.

2015-2016 Head, Grouping of plant diseases for registration of pesticides, Inspection and Plant Protection Services (IPPS) committee.

**6.2. International**

1998-2002 and 2002-2008 elected and re-elected, Convener of the Phytopathogens Working Group of the International Organization of Biocontrol (IOBC) WPRS (organized 5 meetings).

2009-2013 Council member IOBC WPRS

2003-2008 Member, Scientific committee of The *Botrytis* Genome Project.

1. **Editorial responsibilities**

2000- Advisory Editorial Board of the journal Biocontrol Science and Technology.

Edited and co-edited 20 books.

1983-2016 Frequently reviews scientific manuscripts for international journals, national and international research proposals (EU, BARD, MISTRA, ISF, NSF, and more).

**8. Participation in international meetings and functions**

1979-2016 Participated in 121 scientific meetings in North and South America, Africa, Asia and Australasia;

1984-2016 acted as invited lecturer 51 times;

1991-2016 acted as chairperson 27 times;

1998-2016 acted as organizer 25 times;

1995-2016 acted as pH. D. opponent (5 times, the Netherlands, Sweden and Denmark).

1. **Membership in Scientific Societies**

Phytopathological Society of Israel (currently), American Phytopathological Society (currently), International Society for Horticultural Science (ISHS, currently), Phytochemical Society of North America (Honorary membership, past), Ohio Florists Association (past), British Mycological Society (past).

1. **Area of present research**

Diseases of covered crops; Foliar diseases; Integrated management; Low input management, Global climate change effect on agriculture, plants and plant diseases; Mitigation and adaptation to climate change; Plant-Pathogen-Microb interactions. Special emphasis on cultural, chemical, biological and integrated control, epidemiology, physiology and parasitism; Biocontrol agents, Induced resistance.

1. **Publications**

Published 167 publications in refereed journals, and 10 refereed publications in Hebrew; 13 invited reviews; 46 book chapters (of which 4 in Hebrew); 115 symposia publications in addition to others (monographs, non-refereed publications, abstracts.