

CURRICULUM VITAE

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Born: July 12, 1935, Yamanashi Prefecture, Japan

Nationality: Japan

Educational Record:

1958	B.S.	University of Yamanashi
1963	M.S.	Tokyo University of Science
1968	Ph.D.	University of Tokyo (Pharmaceutical Sciences)
1970	Ph.D.	Tokyo University of Science (Chemistry)

Career Summary:

1963 - 1965	Research Associate, University of Yamanashi
1965 - 1971	Researcher, The Kitasato Institute
1968 - 1975	Associate Professor, Kitasato University
1971 - 1973	Visiting Research Professor, Chemistry Dept., Wesleyan University
1971 - 2001	Chief Researcher, Research Center for Biological Function, The Kitasato Institute
1975 - 1984	Professor, School of Pharmaceutical Sciences, Kitasato University
1981 - 1984	Inspector, The Kitasato Institute
1984 - 1990	Director & Executive Vice President, The Kitasato Institute
1985 - 2003	Director, Kitasato University
1990 - 2008	Director and President, The Kitasato Institute
1991 - 2001	Special Visiting Professor, Tokyo University of Science
2001 - 2007	Professor, Kitasato Institute for Life Sciences, Kitasato University
2001 -	Special Coordinator, Drug Discovery from Natural Products Project Kitasato Institute for Life Sciences, Kitasato University
2002 - 2007	Professor, Graduate School of Infection Control Sciences, Kitasato University
2005 - 2016	Max Tishler Professor of Chemistry, Wesleyan University
2007 -	Professor Emeritus, Kitasato University
2007 - 2015	President, Joshibi University of Art & Design
2008 - 2012	President Emeritus, The Kitasato Institute
2013 -	Distinguished Emeritus Professor, Kitasato University
2015 -	Honorary President, Joshibi University of Art & Design
2016 -	Max Tishler Professor of Chemistry, Emeritus, Wesleyan University

Honors:

- 1985 Honorary Professor of Chinese Academy of Medical Science (China)
- 1985 Hoechst-Roussel Award (American Society for Microbiology, USA)
- 1986 The Pharmaceutical Society of Japan Award
- 1986 Uehara Memorial Foundation Fellowship (Japan)
- 1989 Uehara Prize (Uehara Memorial Foundation, Japan)
- 1990 The Japan Academy Prize (The Japan Academy)
- 1991 Charles Thom Award (Society for Industrial Microbiology, USA)
- 1991 Honorary Doctor Degree of Science, Lajos Kossuth University (Hungary)
- 1992 Medal with Purple Ribbon (National Medal of Japan)
- 1992 Member of German Academy of Sciences, Leopoldina
- 1992 Chevalier de L'Ordre National du Mérite (France)
- 1992 Member of American Academy of Microbiology
- 1994 Honorary Doctor of Science (Wesleyan University, USA)
- 1994 Honorary Member of Robert Koch Institute
- 1995 Special Achievement Award (The Society for Actinomycetes, Japan)
- 1995 The Fujihara Award (The Fujihara Foundation of Science, Japan)
- 1995 Special Achievement Award (Society for Industrial Microbiology, USA)
- 1997 Honorary Professor of Shenyang Pharmaceutical University (China)
- 1997 Robert Koch Gold Medal (Robert Koch Foundation, Germany)
- 1998 Prince Mahidol Award (Thailand)
- 1999 Medal with Navy Blue Ribbon (National Medal of Japan)
- 1999 Foreign Associate of the National Academy of Sciences (USA)
- 1999 Distinguished Lecturer of Elanco Animal Health (USA)
- 2000 Nakanishi Prize (American Chemical Society-Japan Chemical Society)
- 2000 Prominent Scientist: "The Bocchan Award" (Tokyo University of Science)
- 2001 Member of the Japan Academy
- 2001 Honorary Citizen of Nirasaki-City, Yamanashi, Japan
- 2002 Foreign Associate of Académie des Sciences,
- 2002 Person of Special Merit (Yamanashi Prefecture, Japan)
- 2004 Member of Russian Academy of Sciences
- 2005 Ernest Guenther Award in Chemistry of Natural Products (American Chemical Society)
- 2005 Member of European Academy of Sciences (Belgium)
- 2005 Foreign Member of Chinese Academy of Engineering
- 2005 Honorary Fellow of Royal Society of Chemistry
- 2006 Honorary Professor, Jinan University (China)
- 2006 Amgen Lectureship Award (Society for Industrial Microbiology, USA)
- 2007 Hamao Umezawa Memorial Award, International Society of Chemotherapy
- 2007 Chevalier de L'Ordre National de la Légion d'Honneur (France)
- 2008 Lifetime Achievement Award for Encouragement of Invention (Japan)
- 2010 Tetrahedron Prize for Creativity in Organic Chemistry
- 2011 Order of the Sacred Treasure, Gold & Silver Star (National Medal of Japan)
- 2011 Arima Award (International Union of Microbiological Societies)
- 2012 Person of Cultural Merit (Japan)
- 2013 The Norman R. Farnsworth ASP Research Achievement Award, American Society of Pharmacognosy)
- 2014 Canada Gairdner Global Health Award (Gairdner Foundation)

- 2015 The Asahi Prize
- 2015 Order of Cultural Merit (Japan)
- 2015 Nobel Prize in Physiology or Medicine
- 2015 Distinguished Doctor Degree, University of Yamanashi
- 2015 Honorary Resident, Yamanashi Prefecture
- 2015 Person of Cultural Merit, Yamanashi Prefecture
- 2015 Honor Award of Setagaya-ku, Tokyo
- 2016 Distinguished Doctor Degree, Tokyo University of Sciences
- 2016 Honorary Citizen of Tokyo
- 2016 Honorary Doctor of Sciences, Shanghai Jiao Tong University, China
- 2016 Congressional Medal of Honor, Saitama Prefecture
- 2016 Honor Award of Saitama City, Saitama Prefecture
- 2017 Honor Award of Kitamoto City, Saitama Prefecture
- 2017 Honor Award of Japan Society for Bioscience, Biotechnology & Agrochemistry

Society Membership:

- 1969 American Chemical Society
- 1969 Japanese Biochemical Society
- 1971 The New York Academy of Sciences (USA)
- 1975 Society for Industrial Microbiology and Biotechnology
- 1986 American Society of Biochemistry & Molecular Biology (Honorary)
- 1998 Chemical Society of Japan (Honorary)
- 2003 Japanese Society for Bacteriology (Distinguished Honorary Member)
- 2005 Japan Society for Actinomycetes (Honorary)
- 2009 Japan Society for Bioscience, Biotechnology & Agrochemistry (Honorary)
- 2014 Pharmaceutical Society of Japan (Honorary)
- 2016 Japan Pharmacological Society (Honorary)
- 2016 Japan Society of Synthetic Organic Chemistry (Honorary)
- 2016 Japan Society of Chemotherapy (Distinguished Honorary Member)

Publications:

Authorship/co-authorship: >1,200 scientific papers

42 books

Editorship: 6 major texts, including:

Macrolide Antibiotics: Chemistry, Biology & Practice
(Academic Press (1984), 2nd edition (2002))

The Search for Bioactive Compounds from Microorganisms
(Springer-Verlag (1992))

Presentations: >150 invited and plenary lectures