

## Per Pinstrup-Andersen

**Nationality:** Denmark

**Age:** 64

**Gender:** Male

**Education:**

**B.S. Agricultural Economics** - Royal Veterinary and Agricultural University, Copenhagen, Denmark, 1965

**M.S. Agricultural Economics** - Oklahoma State University, U.S.A., 1967

**Ph.D. Agricultural Economics** - Oklahoma State University, U.S.A. 1969.

**Area of Specialization:** Agricultural Economics

**Professional Experience:**

**H.E. Babcock Professor of Food, Nutrition and Public Policy**, Division of Nutritional Sciences, Cornell University. Jan. 2003 – present (9 months annually)

**Professor of Development Economics**, The Royal Veterinary and Agricultural University, Copenhagen, Denmark. Jan.1, 2003 – present (2 months annually)

**Director General and CEO**, IFPRI, Washington D.C. 1992 – 2002

**Professor of Food Economics**, Div. of Nutritional Sciences and **Director** of the Cornell Food and Nutrition Policy Program (CFNPP), Cornell Univ.1987 - 1992

**Research Fellow** 1980 - 1987 and **Director of the Food Consumption and Nutrition Policy Research Program** (from Sept., 1980), IFPRI, Washington, D.C.

**Senior Research Fellow and Associate Professor**, Economic Institute, The Royal Veterinary and Agricultural University, Copenhagen. 1977 - 1980

**Agricultural Economist**, Centro Internacional de Agricultura Tropical (CIAT), Cali, Colombia. May 1969 - January 1976

**Membership in Committees/Boards/Professional Organizations** (most recent):

**Member**, External Panel to Human Development Report 2003, 2002.

**Member**, International Policy Council on Agriculture, Food, and Trade, 2002–present.

**Member**, of the Governing Board of the CAB International, 2002

**Member**, National Research Council's Committee on Agricultural Biotechnology, Health, and the Environment, 2000-2003

**Member**, Unilever Sustainable Agriculture Advisory Board, 2000-2002

**Member**, World Health Policy Forum and its General Council, 2000-2002

**Member**, Board of Directors of the American Agricultural Economics Association (elected), 1996-1999

**Chairman**, Center Directors Committee, CGIAR, 1999-2000

**Member**, Technical Advisory Committee, CGIAR) 1991-1992

**Awards/Honors Received: (Most recent)**

**Rosenkjaer Prize** for Policy Communication, November 2002.

**American Agricultural Economist Association (AAEA) Distinguished Policy Contribution Award**, July 2002.

**2001 World Food Prize** for his contribution to the improvement of agricultural research, food policy, and the lives of the poor.

**Fellow of the American Association for the Advancement of Science (AAAS)** since October 1997.

**Fellow of the American Agricultural Economics Association (AAEA)** since Aug. 2000.

**Agronomprisen 2000**, Danish Society of Agricultural Professionals, March 2000.

**1998 Charles A. Black Award** for outstanding record of research and communication, Council for Agric. Science and Technology (CAST), 1998.

**Honorary Degrees:** Doctor of Technical Sciences (honoris causa): Swiss Federal Institute of Technology (Zurich, Switzerland), November 1996; Doctor of Science (honoris causa). Tamil Nadu Veterinary and Animal Sciences University (Tamil Nadu, India), April 1999; Doctor of Laws (honoris causa). University of Aberdeen (Aberdeen, United Kingdom), July 1999; Professor (honoris causa). Tashkent State Agrarian University (Tashkent, Uzbekistan), August 1999; Doctor of Agricultural and Environmental Sciences (honoris causa). Wageningen Agricultural University (the Netherlands), March 2000

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## Michael Gale

**Nationality:** United Kingdom

**Age:** 60

**Gender:** Male

**Education:**

**B.Sc. (Hons.) in Genetics** - Birmingham University, UK, 1965.

**Ph.D. in Cytogenetics** - University College of Wales, Aberystwyth, UK, 1969

**Areas of Specialization:** General and Comparative Molecular Genetics

**Professional Experience:**

**Associate Research Director**, John Innes Centre, Norwich, 1994- present, (**Director**, 1999)

**John Innes Professor**, University of East Anglia, 1999-present.

**Head**, Cambridge Laboratory at Norwich, 1992-1994

**Head**, Cereals Research Department, Cambridge Laboratory at Cambridge and Norwich. 1988-1992

**Director and consultant**, Plant Bioscience Ltd., UK, 1998-present

**Research Scientist**, Plant Breeding Institute, Cambridge, 1968-1988

**Membership in Committees/Boards/Professional Organizations** (most recent):

**Served the CGIAR as: Chair**, 5th External Programme Management Review Panel, IPGRI, Rome, 2002-2003; **Consultant** to iSC on Genomics and Abiotic Stress Research in the CGIAR, 2002;

**Consultant**, 5th EPMR, IITA, Ibadan, Nigeria, 2001; **Member**, Advisory Committee to the Central Advisory Services on Intellectual Property for the CGIAR, ISNAR; **Member** (1999-present) Chair (2000-2001); **Member**, Board of Trustees, IRRI, Los Banos, Philippines, 2000- present; **Chair**, TAC Commissioned Review on Plant Breeding Methodologies, IRRI Sub-Panel, 2000; Member, EPMR Panel for IRRI, Philippines, 1997-98.

**Member**, CNRS Review Panel, CIRAD-BIOTROP Laboratory, Montpellier (2003)

**Member**, First International Rice Roundtable, Beijing, 2002

**Member**, Scientific Advisory Committee for Rockefeller Foundation's Program on Biotechnology, Breeding, and Seed Systems for African Crops, 2002- present

**Advisor**, International Rice Functional Genomics Working Group, 2000- present

**Scientific Advisory Committee**, Avestha Gengraine Technologies PVT. Ltd, Bangalore, India, 2002-present

**Member**, Nuffield Council on Bioethics Working Party on the Genetic Modification of Plants, U.K., 1997-1999

**Member**, Royal Commission on Environmental Pollution GMO Working Group, U.K., 1998-2000

**Member**, Health and Safety Executive Advisory Committee on Genetic Manipulation, U.K., 1996-2000

**Member**, USDA Review Panel for Rice Sequencing, 1999

**Member**, Max-Planck Institut fur Chemische Okologie, Jena, Germany, Fachbeirat (Advisory Board), 1997-present

**Founder member and Co-ordinator**, International Grass Genome Initiative, 1994-present

**Awards/Honors Received** (Most recent):

**Foreign Fellow of the Chinese Academy of Engineering** (elected 1998)

**Royal Society Darwin Medal**, 1998

**Rank Prize for Nutrition**, 1997

**Fellow of the Royal Society** (elected 1996)

**Royal Agricultural Society of England Research Medal** (1994)

**Honorary Research Professor**, Institute of Crop Germplasm Resources, Academia Sinica, Beijing, China (elected 1992)

**Co-holder of 3 patents**

**Contact Address:**

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## Virender Lal Chopra

**Nationality:** India

**Age:** 67

**Gender:** Male

**Education:**

**B.Sc. (Hons.) Agricultural Science** - Central College of Agriculture New Delhi, Delhi University 1955

**Associateship in Genetics** - Indian Agricultural Research Institute, New Delhi, 1957

**Ph.D in Genetics** – Institute of Genetics, University of Edinburgh, Edinburgh, U.K. 1967

**Areas of Specialization:** Research Management, Tropical Agriculture (all aspects);

Plant Breeding; Plant Biotechnology

**Professional Experience:**

**B.P. Pal National Professor** (Plant Biotechnology) 1994-2001

**Secretary to Govt. of India (DARE) and Director General**, Indian Council for Agricultural Research (ICAR). 1992-1994.

**Professor of Eminence & Director**, National Research Centre on Plant Biotechnology. 1985-1990.

**Professor of Genetics**, IARI, New Delhi. 1980-1985.

**Head, Division of Genetics**, IARI. 1979-1980.

**Membership in Committees/Boards/Professional Organizations:**

**Served CGIAR** in various capacities including: **Member**, Oversight Committee; **Member**, Board of Trustees of IBPGR for two terms; **Member**, Board of Trustees of IRRI for two terms; **Member**, Board of Trustees of CIMMYT for two terms; part of one term as Vice-Chair; **Member**, Board of Trustees of ICRISAT for two terms; part of one term as Vice-Chair; **Member** CGIAR System wide Genetic Resources Review Panel; **Member** on CCER Panel of Wheat Genetic resources of CIMMYT; **Member** of CCER Panel on Programme and Management of WARDA; **Regional Representative** (Asia) to the CGIAR.

**Member**, Board of Trustees, MS Swaminathan Research Foundation, 1990

**Member**, Board of Trustees, Centre for Advancement of Sustainable Agriculture

**Awards/Honors Received:**

**Aryabhatta Medal of the Indian National Science Academy**, 2002

**President, National Academy of Agricultural Sciences (India)**, 2001

**Dr. B. Pal of National Academy of Agricultural Sciences (India)**, 2001

**FAO/IAAA World Food Day Award**, 1993

**Borlaug Award**, 1983

**Fellow:** Third World Academy of Sciences; European Academy of Sciences (Arts and Humanities); Indian National Science Academy (New Delhi); Indian Academy of Sciences (Bangalore); National Academy of Agricultural Sciences (New Delhi).

**Honorary Degrees:** Doctor of Science (hon. causa) C S Azad University, Kampur, 1988; Doctor of Science (hon. causa) Banaras Hindu University, Varanasi, 1988.

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## Keiji Kainuma

**Nationality:** Japan

**Age:** 67

**Gender:** Male

**Education:**

**B.S. Agriculture (Biochemistry)** – Tohoku University, Japan

**Doctor of Agriculture (Biochemistry)** - Tohoku University, Japan

**Area of Specialization:** Biochemistry

**Professional Experience:**

**Executive Research Advisor**, National Food Research Institute Jan. 2003- present

**Senior Advisor**, Ministry of Agriculture, Forestry and Fisheries Feb 2000- present

**Vice President**, Bio-oriented Technology Research Advancement Institution,  
1996- 2002

**Director General**, Japan International Research Center for Agricultural Sciences, MAFF, 1993-1996

**Director General**, Tropical Agricultural Research Center, MAFF, Jul.- Oct. 1993

**Director General**, Research Council Secretariat, MAFF

**Deputy Director General**, Research Council Secretariat, MAFF, 1990-1991

**Director of Biotechnology Division**, Research Council Secretariat, MAFF, 1988-1990

**Director**, Food Engineering Division, National Food Research Institute, 1983-1987

**Lecturer**, Tokyo University and Tsukuba University, 1976-1982

**Visiting Associate Professor**, Department of Biochemistry and Biophysics,  
Iowa State University, U.S.A. 1977-78

**Head**, Carbohydrate Laboratory, National Food Research Institute, 1973-1983

**Research Chemist**, National Food Research Institute, 1959-1973

**Membership in Committees/Boards/Professional Organizations:**

**President Elect**, The Institute of Food Technologists, Japan Section ,2003-2004

**Vice Chairman**, Task Force for the Safety of Novel Foods and Feeds, OECD 2003-

**Advisory Board**, Obihiro University of Agriculture and Veterinary Medicine 2002- present.

**Chairman**, Agricultural Technical Cooperation Working Group, Asia Pacific Economic Cooperation  
(APEC), 2000-2002.

**Member**, Committee on Policy Matters, The Japanese Prime Minister's Council for Science and  
Technology, 1998-2000.

**Awards/Honors Received:**

**Alsberg-Schoch Memorial Lectureship Award** for scientific contribution to the fine structure of starch  
molecule and establishment of the new oligosaccharides and sugar alcohol industry, 1995

**Nikuni Award** , 1992

**The Second Dexter French Memorial Lectureship Award**, 1984

**Minister of the Science and Technology Agency Award**, 1982

**Japan Bioscience, Biotechnology and Agrochemistry Society Award**, 1975

**Contact Address:**

Executive Research Advisor, National Food Research Institute  
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## Onesmo ole-MoiYoi

**Nationality:** Kenya

**Age:** 60

**Gender:** Male

**Education:**

**B.A. (Hons.) Chemistry** - Harvard University, Cambridge, MA, U.S.A., 1968

**M.D.** – Harvard University, Cambridge, MA, U.S.A., 1972

**Intern/JAR; Certified National Board of Medical Examiners** – Peter Bent Brigham Hospital, Boston, MA, U.S.A. 1972-74

**Areas of Specialization:** Medicine; Biochemistry and Molecular Biology

**Professional Experience:**

**Director, Research and Partnerships**, International Centre of Insect Physiology and Ecology, 2001 – present

**Principal Scientist & Founder**, Institute of Molecular and Cell Biology

-Africa (IMCB-A). Research on: Genes for Resistance to Parasitic Diseases;

as well as on Bringing Science into Traditional Medicine in Africa. 1999-2001.

**Senior Scientist (1985), and Co-ordinator (1982-91)**, Biochemistry/Molecular Biology Laboratory, ILRAD, Nairobi, Kenya. Research on the biochemistry and molecular biology of African trypanosomes and *Theileria parva*. 1982-1994

**Visiting Professor**, Molecular Parasitology, Harvard School of Public Health. Studying multidrug resistance genes and kinases of protozoan parasites. Jun-Aug 1988

**Assistant Professor of Medicine and Capps' Scholar**, Harvard University, Cambridge, Massachusetts. 1979-1982

**Instructor-In-Medicine**, Harvard University. 1977-1979

**Post-Doctoral in Molecular Immunology and Clinical Fellow in Medicine**, Harvard University and R.B. Brigham Hospital, Boston, respectively. 1974-1977.

**Membership in Committees/Boards/Professional Organizations:**

**Member**, Panel on Biotechnology, World Commission on Water for the 21<sup>st</sup> Century, 1999

**Member**, Panel on Issues in General Biotechnology. CGIAR 1997 - 1998.

**Chairman**, Kenyatta University Council, 1997-present

**Member**, Executive Committee for UNESCO's International Network for Molecular and Cell Biology (IMCBN), 1990-present.

**Member**, Scientific Co-ordinating Committee (SCC) for UNESCO's involvement in the global activities of the Human Genome Organization (HUGO), 1990-1996

**Member**, American Society for Biochemistry & Molecular Biology, 1998

**Member**, Informatics Committee, Human Genome Organization (HUGO), 1994

**Member**, HUGO: Human Genome Diversity Project (Member, Steering Committee), 1994

**Member**, African Biotechnology Networks (Member, Steering Committee), 1992

**Member**, The New York Academy of Sciences, 1980.

**Member**, American Association for the Advancement of Science, 1978-1985.

**Awards/Honors Received:**

**World Technology Awards** (Nominee for Science & Technology Policy), 2001

**Elder of the Order of the Burning Spear (EBS)**-Honour bestowed by the Government of Kenya for contributions to university education. 1994

**Capps' Scholar (Molecular Endocrinology)**, Harvard University, 1979-1982

**African-American Institute Grad. Fellow**, Harvard Med. School, Boston, MA

**Aga Khan Scholar**, Harvard University, 1964-1968.

**Honorary Degree:** Doctor of Science (D.Sc.) *honoris causa*, Soka University, Tokyo, Japan. 2003

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## Lisa Sennerby- Forsse

**Nationality:** Sweden

**Age:** 54

**Gender:** Female

**Education:**

**B.A.** - Lund University, Sweden, 1975.

**M.Sc.** – Stockholm University, Sweden, 1978

**Ph.D.** - Stockholm University, Sweden, 1987

**Areas of Specialization:** Forestry (silviculture), Bioenergy, Plant physiology and anatomy, research management and administration

**Professional Experience:**

**Secretary General**, The Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas), 2001-present.

**Director**, Department for Natural Resources: The Swedish Environmental Protection Agency (Naturvårdsverket), 2000-01.

**Professor (adj.) in Short Rotation Forestry**, The Swedish University of Agricultural Sciences (SLU), 1996 –2002.

**Director of Research**, The Swedish Forestry Research Institute (SkogForsk) 1994-2000.

**Senior Scientist/Programme Leader**, Dept Ecol. and Env. Res., SLU, 1986-1994.

**Membership in Committees/Boards/Professional Organizations (current):**

**Member**, Swedish Royal Academy of Agriculture and Forestry (KSLA)

**Vice Chair**, Expert Advisory Group for “Sustainable Development and Global Change”:in the 6<sup>th</sup> Framework Research Programme, Directorate General of Research, European Commission (EU):

**Member**, European Science Foundation, (ESF)

**Council Member**, International Institute of Applied Systems Analysis (IIASA) Vienna, Austria

**Member**, Nordic Panel for the Development of the “Nordic Research Area” (NRA): Nordic Council of Ministers (NMR)

**Member**, Ad-hoc Committee for Nordic Cooperation II. (Agriculture and Forestry), Nordic Council of Ministers (NMR)

**Awards/Honors Received:**

**The Golden Twig**, The Swedish Forestry Association, 2001

**Contact Address:**

Secretary General, Swedish Research Council for Environment, Agricultural Sciences and Spatial Planning (Formas)

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