



Ingo Potrykus

Emeritus Professor, Institute of Plant Sciences, ETH Zuerich.

Studies in Zoology, Botany, Genetics, Biochemistry, Philosophy, Physical Education at Universities in Cologne and Erlangen.

PhD in Plant Genetics 1968 at Max-Planck-Institute for Plant Breeding Research, Cologne, Germany; Habilitation in Botany 1982 at University of Basel, Switzerland.

Ass. Professor, Institute of Plant Physiology, Stuttgart-Hohenheim 1970-74. Research Group Leader, Max-Planck-Institute for Genetics, Ladenburg-Heidelberg 1974-76; Research Group Leader, Friedrich Miescher-Institute, Basel, Switzerland 1976-86; Full Professor in Plant Sciences, Swiss Federal Institute of Technology (ETH), Zürich 1986-99. Research team in the range of 60 members on competitive grants and core funding.

Contributions to food security in developing countries. Focusing on development and application of genetic engineering technology for and to "food security" crops such as rice (*Oryza sativa*), wheat (*Triticum aestivum*), sorghum (*Sorghum bicolor*), and cassava (*Manihot esculenta*). Focusing on problems difficult to solve with traditional techniques and in the areas of disease- and pest resistance, improved food quality, improved yield, improved exploitation of natural resources, and improved bio-safety.

Inventor and Promoter of "Golden Rice", a sustainable contribution to reduce vitamin A-, iron-, and protein malnutrition.

Ca. 340 publications in refereed journals; ca. 30 international patents.

Lectures and courses in plant biology and plant biotechnology in the faculties of Biology, Agronomy, Pharmacy, Forestry, Environmental Sciences; International Training Courses for e.g. EMBO.

Since the retirement engaged in advancing 'Golden Rice' in an international, humanitarian initiative through the 'product development' phase and the 'deregulation' phase to make it available free of costs and limitations to developing countries as a sustainable contribution to reduction in vitamin A malnutrition. Chairman of the 'Humanitarian Golden Rice Board & Network'.

KUMHO (ISPMB) Science International Award in Plant Molecular Biology and Biotechnology 2000. American Society of Plant Biologists (ASPB) Leadership in Science Public Service Award 2001. Crop Science of America (CSSA) 2001, CSSA President's Award 2002, European Culture Award in Science 2002, Honorary Doctor, Swedish University of Agricultural Sciences 2002. Member of Academia Europaea, Swiss Academy of Technical Sciences, Hungarian Academy of Sciences, Academia Bibliotheca Alexandria, Pontifical Academy of Sciences, World Technology Network. Cover TIME Magazine July 31, 2000, Honorary Doctor, University of Freiburg, Germany 2007.

"Top100 living contributor to biotechnology", elected by the peers of the journal "Scientist" in 2005.

"The most influential scientist" in the area of Agricultural, Industrial, and Environmental Biotechnology for the decade 1995-2005, elected by the peers of Nature Biotechnology 2006.