

# MAURO CRESTI - Curriculum Vitae

**Date and place of birth:** November 22, 1945 - Radda in Chianti - Siena (Italy)

**Address:** Department of Life Science, University of Siena, Via Mattioli, 4, 53100 Siena  
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**Qualification:** Degree in Biological Sciences (University of Siena) 1969

**Accademic position:** Full Professor of Botany (University of Siena) 1976

Director of the Department of Environmental Biology (University of Siena) 1989-1992

## Funded research programmes:

- Biotechnology Action Programme (BAP) on Pollen (EEC Programme)
- Biotechnology in Cultivated Crops (EEC Research Network)
- (BRIDGE) on Incompatibility in Angiosperms ( EEC Programme )
- CNR Bilateral Cooperation Italy/USA - Prof. M. Cresti and Prof. P.K. Hepler (USA)
- EEC International Cooperation with Peoples' Republic of China 1992-93
- CNR Bilateral Cooperation Italy/USA - Prof. M. Cresti and Prof. B. Palevitz (USA)
- NATO International Cooperation "Pollen - Pistil Interaction: Phenomenology and Ultrastructure" (Prof.M.Cresti and Prof.Bergamini Mulcahy,Univ.of Mass.USA)
- National Science Foundation (NSF-USA) "Competition between Microspores with Tetrad" (Collaboration with Prof.D.L.Mulcahy,Univ.of Mass.USA)
- ERASMUS - EEC Network in Students Exchanges (Univ. Lyon, Reading, Wageningen)

## Honors:

- Europ.Mol.Bio.Org.(EMBO) fellowship - Univ.Basel	1980
- CNR (Italy ) - NWO (NL) fellowship - Univ.Wageningen (NL)	1983
- Visiting Professor Univ.of Massachusetts (USA)	1985-1986
- Investigator,Marine Biological Laboratory, Woods Hole (USA)	1988
- Visiting Professor Univ.of Wageningen (NL)	1989
- Recipient of the Navashin Medal for plant embryology, St.Petersburg	1990
- Visiting Professor to Kanagawa College (Japanase Soc.Prom.Science)	1992
- Nomination to Adjunt Professor at the University of Massachusetts	1992
- Fullbright Fellowship (University of Massachusetts)	1993
- President of International Association Sexual Plant Reproduction	1994-1998
- Visiting Professor to Department of Botany - Stockholm University and	
- Swedish Museum of Natural History	1996
- National Expert Detaché in Bruxelles (Belgium) c/o European Commission in the Biotech Unit	Sept. 1996-Sept. 1997 -
President of Scientific Committee of the Tuscany Region	
Agency for Research in Agriculture	1996-
- Member of Scientific Committee of Chianti Classico Fundation	1997-
- Honor Member of Polish Bot. Society	1998-
- Fellowship from Swedish Foundation for International Cooperation in Research and High Education (STINT)	1998
- President of Scientific Committee of Etruria Innovazione	1998-
- Member of Scientif Committee of Siena Ricerche	1998-

## **Memberships:**

American Botanical Society  
American Society for Cell Biology  
American Society of Plant Physiology  
International Society of Plant Morphology  
Japanese Society for Plant Physiology  
Japanese Botanical Society  
Linnean Society of London  
Dutch Botanical Society

## **Organized Meetings:**

- Biology of Reproduction and Cell Motility in Plants and Animals (with Prof. R. Dallai)
- Sexual Reproduction in Higher Plants (with Profs. P. Gori, E. Pacini)
- 1st Euro Course on Sexual Plant Reproduction (E.U. grant) - 1991
- 2nd Euro Course on Sexual Plant Reproduction (E.U. grant)- 1993
- 3<sup>rd</sup> Euro Course on Sexual Plant Reproduction and Biotechnology Application - 1997

## **Editorial Board:**

- Advances in Horticultural Science - Phytomorphology
- Sexual Plant Reproduction - Zygote
- Acta Biologica Cracoviensis - Caryologia

## **Review Of Grant Proposals:**

- Agricultural and Food Research Council (UK) - Australian National University
- Australian Research Fellowship - National Science Foundation (USA)
- Cooperative Research Service, Dept. - International Science Fundation (ISF) Agriculture (U.S.A.)
- Academy of Sciences of the Czech Republic - Australian Science Fund (FWF)
- Human Frontier of Sciences (Fellowship) - Peer Review Pannel in Plant Biotechnology (European Commission)

## **Co-editors of books:**

- Atlante dei principali pollini allergenici presenti in Italia (Univ. Siena) - 1981.
- Biology of Reproduction and Cell Motility in Plants and Animals (Univ Siena) - 1986.
- Sexual Reproduction in Higher Plants (Springer-Verlag) - 1988.
- Atlas of Sexual Plant Reproduction (Springer-Verlag) - 1992.
- Sexual Plant Reproduction (Springer-Verlag) - 1992.
- Fertilization in Higher Plants 1998

## **Research activity:**

Since the beginning of his career, he worked on the reproductive biology of flowering plants with approximately 100 works in extenso and 70 reports/ communications at congresses.