

MAURO CRESTI - Curriculum Vitae

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

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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 Tetrads" (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 (Japanese Soc. Prom. Science) 1992
- Nomination to Adjunct Professor at the University of Massachusetts 1992
- Fulbright 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 Foundation 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 Scientific 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
- 3rd Euro Course on Sexual Plant Reproduction and Biotechnology Application - 1997

Editorial Board:

- Advances in Horticultural Science - Phytomorphology
- Sexual Plant Reproduction - Zygote
- Acta Biologica Cracoviensia - 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.