

## MAURO CRESTI



Nato il 22 Novembre 1945 a Radda in Chianti, Siena (Italy)  
Titolo di Studio:Laurea in Scienze Biologiche (Università di Siena) 1969

Titoli Accademici: Professore Ordinario di Botanica (Università di Siena) 1976  
Direttore del Dipartimento di Scienze Ambientali "G. Sarfatti"  
(Università di Siena) 1989-1992; 2001-presente  
Pro-Rettore dell'Università di Siena per la Ricerca e l'Innovazione  
1990-2006

### Principali Programmi di ricerca finanziati:

- 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)
- HFSP (Human Frontier Science Programme) 2006, grant per 3 anni

### Onorificenze:

- 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 (ARSIA) 1996-2002
- 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 Scientific Committee of Siena Ricerche 1998
- Membro Accademia della Vite e del Vino
- Accademico Corrispondente dell'Accademia dei Georgofili
- Membro dell'Accademia dei Fisiocritici

#### Iscrizioni a Società:

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

#### Meetings organizzati:

- 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)
- 1<sup>st</sup> Euro Course on Sexual Plant Reproduction (E.U. grant) - 1991
- 2<sup>nd</sup> 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 Cracoviensia - Caryologia

#### REVIEW OF GRANT PROPOSALS:

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

#### Coeditore di Libri:

- 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

#### Attività di Ricerca:

Fin dall'inizio della carriera si è occupato della Biologia riproduttiva delle piante a fiore pubblicando circa 250 lavori in extenso e 70 fra reports e comunicazioni a congressi.