

Cristina Miceli

Biosketch

Education: 1979, degree in Biological Sciences, University of Pisa.

1979-1983, research fellowship University of Pisa. Professional history

1983-1987, Researcher, University of Camerino

1987-1993, Associate professor of Zoology, University of Camerino

1993-present, Full professor of Cell Biology, University of Camerino, School of Biosciences and Veterinary Medicine, Dept. of Biosciences and Biotechnology (formerly Department of Molecular, Cellular and Animal biology).

Scientific activities: Research activities are mainly focused on molecular and cellular biology using eukaryotic microorganisms, as models. The research fields are the following:

- Study of genome organization and control of gene expression;
- Study of molecular and cellular adaptation mechanisms in organisms living in extreme environments;
- Characterization and molecular evolution of cytoskeletal proteins, in particular tubulin and microtubule associated proteins;
- Characterization of bioindicators in environmental monitoring by classical and biotechnological approaches.

Academic Responsibilities:

Visiting researcher at the University of California, Santa Barbara and Irvine;

Chairman and Invited speaker at several International Congresses of Protozoology, Gordon Conferences and FASEB Meetings on "Molecular Biology of Ciliates" ;

Co-organizer of the 4th European Congress of and 10 European Conference on Ciliate Biology; Co-organizer of the FASEB Conference on "Molecular Biology of Ciliates"(August 3-8, 2005), also sponsored by EMBO; member of the Scientific Committee of the XII International Congress of Protozoology (July 10-15 2008, Guangzhou, China);

1990-1994 and 2001-2011, Member of the executive committee of the Italian Society of Protozoology;

1994-1996, Vice-President of the International Society of Protozoology; member of the Editorial Board of the Journal of Eukaryotic Microbiology; Principal grant sources of the last years: PRIN from Italian Ministry of education and research (Research programs of national interest)

2004-2006, 2006-2008, 2008-2012; CNR (applied project on Environmental Biotechnology, finished in 2004);

National Research Project for Antarctica (Genomics and Proteomics of ciliates 2006-2010); Scientific coordinator of a grant from EU-COST (European cooperation in Science and Technology): COST Action BM1102 Ciliates as model systems to study genome evolution, mechanisms of non-Mendelian inheritance, and their roles in environmental adaptation (2012-2016);

Principal investigator in a research project funded by The Gordon and Betty Moore Foundation to accelerate development of experimental model systems in marine microbial ecology (<https://www.moore.org/newsroom/press-releases>) with title: Development of new tools in genetic manipulation of Euplotes (2016-2018).

2008 to 2011; -Director of the School of Advanced Studies of the University of Camerino, that includes PhD and master programs, from 2005 to December 2014;

-Coordinator of the Doctorate course (Ph.D.) in Environmental Sciences and Public Health from 2004 to December 2014; - Rector's delegate at the Conference of the Italian University Rectors (CRUI) for the Implementation of the Bologna Process from 2007 to present;

-Responsible for the internationalization of the degree course in Biotechnology from 2005 to 2011 in the former Faculty of Science and Technology and successively in the School of Biosciences and Biotechnology;

- Rector's delegate for the System of Internal Quality Assurance of the University of Camerino from 2000 to 2007;

-Delegate for the University of Camerino in the Quality Culture Project Round III organized by the EUA in 2004-06;

- Coordinator of the activities of the University of Camerino in the national project CampusOne by CRUI from 2001 to 2004.