

Degree in Biology at the University of Milan (1972/73). Since 2005 Magda de Eguileor is full professor (Zoology). Member of the teaching staff of the PhD program in Insect Science and Biotechnology and director of the PhD program in Cell and Molecular Biology. From 1972, she takes actively part in the research carried on in the Electron Microscopy laboratory of the Department of Biology of the University of Milan. Starting from 2000 she works in the Laboratory of Invertebrates of the University of Insubria (Department of Biotechnology and Life Science). Her major focus of research are: -wound healing responses (in vitro and in vivo) to study angiogenesis and inflammation in leeches; -innate immune responses in invertebrates and vertebrates animal models as well as in several cell types under stress; -physiological and functional amyloidogenesis as a fundamental non-pathological protein synthesised to mitigate the presence of reactive oxygen species and associated with melanin biosynthesis. M. de E. is actively involved in an international Consortium of strategic importance because it specifically studies the immune responses in different animal models. The Consortium, as a vibrant intellectual environment provides a forum for evaluations, discussions and cooperation and includes a foreign network with the Imperial College London, the University of Newcastle upon Tyne, the Universität Bayreuth, the Université F. Rabelais de Tours, the Université de Nice Sophia Antipolis, the University of Georgia, the Rothamsted Research, the Biology Centre-Academy of Sciences of Czech Republic, LSMBFA, Cité Scientifique, Université Lille 1, Villeneuve d'Ascq, France; Universität Klinikum Freiburg) and an Italian network including Università degli Studi di Napoli "Federico II", Università degli Studi di Milano, Università degli Studi della Basilicata, Università degli Studi di Pavia, UNISTEM-University of Milan, Università di Modena e Reggio Emilia, Università degli Studi di Padova. The PI track records includes over 200 publications that appeared mostly in leading international journals dedicated to her research fields: Journal of Molecular Biology, Journal of Insect Physiology, Journal of Ultrastructure Research, Journal of Submicroscopic Cytology, Journal of Muscle Research ; Cell Motility, Journal of Experimental Zoology, Journal of Invertebrate Pathology, Journal of Microscopy, Mechanism of development, Invertebrate Survival Journal, Angiogenesis, Biology of the Cell, Current Pharmaceutical Design; PLoS One; Insect Biochemistry and Molecular Biology, Autophagy, Stem Cell Reviews; Clinical and Experimental Immunology. M.de E. is reviewer for numerous journals such as Biology of the Cell, Current Pharmaceutical Design, PLoS, Cell Tissue Research, Frontiers, International Journal of molecular Science. .

She has attracted financial support from competitive different sources over the years, such as latest CARIPLO and PRIN funds.

Eguileor's long-standing commitment to undergraduate and graduate education is evidenced by a series of numerous well evaluated courses in Animal models in Biotechnology, Structural Biology, Zoology, Structural and functional Zoology, Comparative Immunology, PhD Courses.