Marzia Bruna Gariboldi was born in Milan, Italy, in 1967. She obtained her degree in Biological Sciences (1994) at the University of Milan and the Specialization in Pharmacolgy (2000) at the University of Pavia. Positions: Technician at the Institute of Pharmacology of the University of Milan (1994-1999), Guest Researcher at the Laboratory of Molecular Pharmacology, NHI (Bethesda, USA) (1995); Researcher at Department of Structural and Functional Biology of the University of Insubria (2000-2017); Associate Professor at the Department of Biotechnology and Life Sciences of the University of Insubria (2017-now).

Main research interests

Since the early years of her career, Dott. Gariboldi has focused on the study of the molecular determinants of cell response to anticancer agents, investigating multidrug resistance-related drug transporters as well as signal transduction pathways involved in cell survival and in the control of apoptosis.

More recently, the role of hypoxia in tumor cell chemosensitivity and the role Vitamin D on targeted antibody-mediated cellular cytotoxicity in cancer cell lines were also examined.

Current research topics include the study of novel photosensitizers for use in anticancer photodynamic therapy, the evaluation of novel platinum derivatives or natural-derived compounds as antineoplastic agents, and of novel drug delivery systems.

Dott. Gariboldi is co-author of about 60 full papers in Scopus-based journals and of about 80 communications at National and International Meetings, and she contributed a chapter in the volume "Multidrug resistance in cancer cells" (1996, Wiley), in the volume "Platinum and Other Heavy Metal Compounds in Cancer Chemotherapy Molecular Mechanisms and Clinical Applications. Series: Cancer Drug Discovery and Development" (2009, Howell Eds.) and in the volume "Frontiers in Clinical Drug Research - Anti-Cancer Agents" (2021, Bentham Eds.).

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