

Assistant Professor of Pharmacology at the Department for Life Quality Studies, Alma Mater Studiorum, University of Bologna

#### EDUCATION AND TRAINING

Doctor in Biological Science, University of Rome "La Sapienza". Master in Toxicology, University of Bologna. Ph.D. in Pharmacology and Toxicology. Visiting Researcher at the Karolinska Institute, Department of Environmental Medicine at Stockholm, Sweden (1995, 1996).

#### EXPERTISE AND RESEARCH ACTIVITY

The research interests are focused on risk assessment in human exposed to xenobiotics. Good experience in organizing and managing research projects in the toxicology field to evaluate health risk linked to chemical compounds. Excellent skills to perform a wide range of cytotoxicity and genotoxicity test for the analysis of global cellular response to toxic stress, including measurements of genetic damage, cell cycle, apoptosis and necrosis. Genetic and molecular approaches have been applied to study the mechanism of action and safety of new drugs and natural products. Biomarkers have been successfully employed to in studied designed to understand mechanism by with mutations arise in human and mammalian genome. Cytogenetic studies has been performed to investigate biomarkers linked to early stages carcinogenesis and to identify individuals at risk in time for preventive intervention.

Referee for peer reviewed journals: Mutation Research, Environmental Toxicology and Pharmacology, Mutagenesis.

Membership: Board member of the Italian Society of Toxicology (SITOX). Member of Italian Society of Pharmacology (SIF), Italian Environmental Mutagenesis Society (SIMA) and European Environmental Mutagenesis Society (EEMS).

Member of University Senate of Alma Mater Studiorum – Università d Bologna.(2015-2018)

#### TEACHING EXPERIENCE

Since 2002 she teaches Pharmacology and Toxicology for Bachelors and Masters of the University of Bologna. She teaches "Toxicology" at the Medical specialization School of Preventive Medicine (2000-2011) and of Occupational Medicine (2006-2011) at the Medicine Faculty of the University of Bologna.

Coordinator of the internship activity for the Bachelors course in Scientific Information of pharmaceutical Products (2003-2011) and in Environmental Toxicology (2007-2011) at the Faculty of Pharmacy of the University of Bologna.

Member of the Ph.D board in Pharmacology and Toxicology of the University of Bologna (2004-2012).

Member of the Ph.D board in "Science and culture of well-being and lifestyles" (2017-2019).