

**Roberta Moschini**

Department of Biology, University of Pisa, Via Luca Ghini, 13, 56126 Pisa, Italy

email: roberta.moschini@unipi.it

ORCID: 0000-0001-5227-2348.

Research Activity

Investigation of synthetic and natural inhibitors capable of modulating the activity of enzymes involved in oxidative stress defense. *In vitro* studies on protein targets and cellular models of molecules potentially active in counteracting the secondary effects of diabetic pathology.

Study of epithelial-mesenchymal transition (EMT) and chemoresistance phenomena in cancer cell models.

Collaborations

- Prof. Tiziano Tuccinardi, Department of Pharmacy, University of Pisa
- Prof. Rosaria Ottanà, Department of Chemical, Biological, Pharmaceutical and Environmental Sciences, University of Messina
- Dr. Carlo Sorce, Department of Biology, University of Pisa
- Prof. Alessandra Braca, Department of Pharmacy, University of Pisa

Expertise

Isolation and structural/functional characterization of proteins/enzymes; metabolic studies on cultured cell lines. Cell culture; study of cellular metabolism.

Keywords

Cytotoxic aldehydes, oxidoreductases, oxidative stress, cell cultures, diabetic complications, chemoresistance, epithelial-mesenchymal transition.