

Lucia Micheli - Curriculum Vitae

June 2020

- 1983 research fellowship from MENARINI Srl.
- 1990 to 2001 Laboratory Technician at the Institute of Pharmacology, Faculty of Medicine and Surgery of the University of Siena.
- In October 2001 pharmacology researcher at the Faculty of Medicine and Surgery, Department of Pharmacology "Giorgio Segre" - University of Siena.
- From 2012 to today pharmacology researcher and Professor of Pharmacology in the Department of Surgical Medical Sciences and Neurosciences, University of Siena.

TEACHING ACTIVITIES 1985-2020

- 1985 Teaching assignments at the School for Professional Nurses (USL 30) and Teaching assignments in Special School of Dental Hygiene, University of Siena.
- 2001-2020 Teaching assignments in the Degree Courses of the Health Professions (Nursing, Speech Therapy, Physiotherapy, Obstetrics, Dietetics, Biomedical Laboratory Technicians and Dental Hygiene).
- From 2004 to 2019 Teaching assignments in the Master's Degree in Dentistry and Dental Prosthetics.
- 1985 -2020 Pharmacology teaching in several Specialization Schools such as Odontostomatology, Orthodontics, Rheumatology, Occupational Medicine, Orthopedics, Cardiac Surgery, Thoracic Surgery, and Food Science.

RESEARCH ACTIVITIES 1985-2020

The research carried out by Dr. Lucia Micheli mainly concerned the topic: "Functions of glutathione: biochemical, physiological, pharmacological, toxicological and chemical aspects". Over the years it has deepened the role of this tripeptide in different organs and in various pathophysiological conditions in both animals and humans.

Main research lines:

- Oxidative stress: studies *in vivo* and *in vitro* and role of herbal medicinal products.
- Pharmacological testing of plant extracts: receptor binding studies..
- Cannabinoid receptors: receptor binding studies of some novel synthetic cannabinoids.
- Study of drugs or disease that causes infertility in animals and humans: role of oxidative stress.
- Study of the effects of drugs, substances of abuse, and xenobiotics on cellular antioxidant defense systems through the evaluation of oxidative stress parameters.
- Evaluation of antiproliferative activity in various tumor cell lines of plant extracts.
- Pharmacovigilance: studies on particular groups of populations on the use of drugs and/or products of natural origin.