



Mirca Zotti

Associate professor

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Education and training

1993

Laurea in Biological Sciences

Floristic and coenological research on macromycetes in beech forests of the Ligurian Apennines between the Cadibona Pass and the Giovo Pass (Savona)
University of Genoa - Genoa - IT

2003

Ph.D. degree

La componente fungina in aggruppamenti vegetali di territori liguri a diversi gradienti di mediterraneità ed antropizzazione
University of Genoa - Genoa - IT

1995

Master in Medical Mycology

Pasteur Institut - Paris - FR

Academic experience

1994 - 1995

Fellowship COMETT-LI.SA

Université de Montpellier - Faculté de Médecine 'Laboratoire d'H -
Montpellier - FR
Research on dermatophyte and keratinophilus fungi

Language skills

French

Proficient

English

Basic

Spanish

Basic

Research interests

The main topics of my researches concern

- identification and study of biodeteriogenic microfungi of dehydrated edible macrofungi;
- study of fungal biodeteriogens on paper (foxing) and interior walls; definition of prophylaxis protocols;
- identification of opportunistic fungi agents of superficial mycosis with particular reference to onychomycosis;

- study of fungal communities present in contaminated sites (mines, landfills) and isolation of fungal strains for mycoremediation protocols;
- isolation of native mycelia for the cultivation of saprotrophic mushrooms and / or nutraceuticals;
- development of protocols for the cultivation of saprotrophic mushrooms and / or nutraceuticals;
- floristic, mycological and ecological studies on hypogeous and epigeal macrofungi in different phytocoenoses of Liguria (beech, holm oak, pinewood). Data processing using numerical ecology techniques;
- synergies between GIS technologies and eco-mycology studies for the assessment of territorial potential or environmental damage;
- silvicultural management for macrofungi production.