



Giulia Canali

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Education and training

2019

Master's degree in Ecotoxicology and Environmental sustainability

Efficacy of ozone for the removal of mosses and lichens from stone cultural heritage - 110/110 with honor

University of Siena - Siena - IT

2015

Bachelor's degree in applied pharmaceutical sciences curriculum Environmental Toxicology

Phthalocyanines as dyes and applied in photodynamic therapy - 96/110

University of Bologna - Bologna - IT

Academic experience

2020 - 2021

University research scholarship

University of Siena - Siena - IT

Deals with soil-plant fingerprinting of the Giant-garlic from Valdichiana and its nutraceutical analyses. Conducts general research support relevant to project topics and statistical data analysis.

2020

Erasmus for traineeship

Univerzita Pavla Jozefa Šafárika v Košiciach (UPJŠ) - Kosice - SK

isolation of photobiont from mycobiont in lichens cultivation of algae heavy metal toxicity studies on algae and lichens Analyses carried out in the laboratory during the training experience thin layer chromatography measurement of photosynthetic efficiency total pigment content soluble protein content determination of antioxidant power determination of total phenols determination of flavonoids

2018 - 2019

Student Assistant

University of Siena - Siena - IT

I advised students on choosing school programs communicating degree requirements and assisted them in career planning. I worked closely with university administrators and professors.

2014

Internship

Cromatos.srl - Forlì - IT

Chemical-toxicological research of pigments for paper materials following ISO 9001 standards

Language skills

English

Independent

Research interests

The PhD project aims to study the relationships between macroclimate, microclimate and functional traits in lichens. One aspect of interest in the project will be to develop quantitative measures of functional traits. Particular attention will be paid to the effect of lichens on water balance in the Mediterranean forest ecosystem, that can help estimate their contribution to ecosystem functionality