



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Curriculum Vitae

Family Name: Battisti
Given Name: Ilaria
Nationality: Italian
Date of birth: 20/06/1994
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Education:

- PhD in Animal and Food Science, Università di Padova (2020-)
- Research fellowship: “Characterization of recombinant proteins produced in plant cells”, Department of Biomedical Sciences, University of Padova (6 months, 2020)
- Research fellowship: “Proteomic analyses for the identification of proteins expressed in plant cells”, CRIBI, University of Padova (2 months, 2020)
- Research fellowship: “Proteomic analyses for the identification of proteins of interest for human health”, CRIBI, University of Padova (12 months, 2019-2020)
- M.Sc. Master’s in Molecular Biology (2016-2018)
- B.Sc. Bachelor’s in Molecular Biology (2013-2016)

Research areas:

- Plant biotechnology
- Environmental pollutants
- Mass spectrometry

PhD project:

Persistent Organic Pollutants (POPs) represent a threat to the environment and human health. There are currently no sustainable technologies for the efficient remediation of POPs in polluted soils, and there is a lack of knowledge regarding POPs persistence and exposure of plants and animals in agricultural systems.

My Ph.D. project will include studies on (i) plant uptake mechanisms and relation with plant physiology and growth; (ii) POPs metabolism in plant and phytotoxicity, with special focus on horticultural crops; (iii) set up of standardized bioavailability and bioaccessibility protocols for POPs; (iv) technologies for POPs remediation and phytoextraction in agricultural soils.

Supervisor:

Antonio Masi

Publications:

<https://scholar.google.com/citations?hl=en&user=YLEQE7YAAAAJ>