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Nationality: Italy
Date of birth: 03/10/1990
Place of birth: Bassano del Grappa

Education:

- PhD student in Animal and Food Science (2022-)
- Master student in Industrial Biotechnology (2014-2017)
- Bachelor student in Agricultural Biotechnology (2009-2014)

Research areas:

- Nanoencapsulation
- Plant Biostimulant

Brief description of PhD project:

The objective of the present Ph.D is to develop and test a novel class of nano-encapsulated eco-friendly biostimulants fertilizers. The research for the PhD project will follow three phases: 1) Nanoencapsulation of the biostimulants compounds and characterization of the novel compounds; 2) Screening phase of the obtained products for their plant-growth-promoting activity and biopesticide action with dose-response curves development; 3) Evaluation of the physiological effects of these products and metabolic confirmation of the biostimulants action.

Supervisor:

Professor Antonio Masi

