



UNIVERSITÀ
DEGLI STUDI
DI PADOVA

Curriculum Vitae

Family Name: Chiodi

Given Name: Claudia

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Nationality: Italian

Date of birth: 19/06/91

Education:

- Bachelor: Science and technologies for the environment at University of Padova (2011-2014)
- Master: Agricultural Sciences and Technologies at University of Padova (2014-2016)
- Research fellow: High-throughput methods for DNA extraction, quantification and amplification from soil (2017)
- PhD: Animal and Food Science (2017-)

Research areas:

- Genetics

- Biotechnologies
- Sugar beet
- Breeding

PhD project:

My research interests are mainly focused on identification of SNP markers linked to rhizomania resistance in sugar beet. To achieve this aim, my team use the latest technologies: real-time PCR, digital PCR and DNA sequencing. The project starts from the characterization of rhizomania infected soils and the viral RNA extraction from the infected plants. We aim to quantify the virus by means of real time PCR. This innovative phenotyping method of beets (also wild material) will be followed by genotyping by SNPs. Our hope is to find new sources of resistance to rhizomania both from cultivated and wild material.

I have co-authored peer review journal papers and international conference proceedings.

Supervisor:

Piergiorgio Stevanato

Publications:

<https://scholar.google.it/citations?user=QHvKM4kAAAAJ&hl=it>