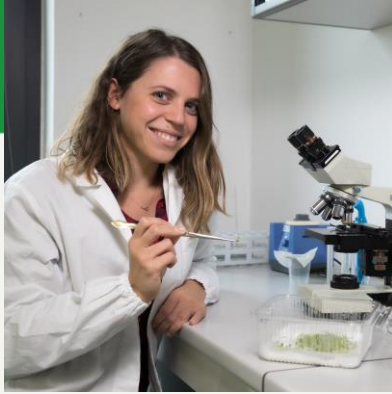


# Gabriella De Angelis

UNIVERSITÀ CATTOLICA del Sacro Cuore



KEY-WORDS:

BREEDING-GENETICS-PHYTOPATHOLOGY

## PROFILE

I am a second-year Executive PhD student in Plant Genetics and Breeding. I'm doing my research in ISI Sementi, a seed company based in Fidenza in collaboration with Università Cattolica del Sacro Cuore

## AFFILIATION

Department of sustainable vegetal production (DI.PRO.VE.S.)  
Università Cattolica del Sacro Cuore

## LANGUAGES



Mother language



Level B2

## HOW TO REACH ME

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## Reference Contact

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## PROJECT TITLE

«Development of rocket hybrids (*Eruca sativa* and *Diplotaxis tenuifolia*) resistant to *Fusarium oxysporum* ff. spp. and *Phytophthora parasitica*»

## Steps of the research:

- Evaluation of rocket genetic material and creation of germplasm through reproduction of lines, accessions, and creation of variability with crosses;
- Study of the natural Self Incompatibility of the species and CMS introduction from related *Brassica* spp;
- Development of phytopathology test protocols and test of segregant material in order to find resistant genotypes;
- Research on molecular markers Selection of new traits of interest (quality, taste)

## Main Results:

Significant information about Self Incompatibility and resistance to major pathogens in rocket populations.

## Research Contribution

This results will be useful for creating hybrids and adapted material and to know more about this crop, which cultivation is expanding in Italy.

## Collaborations:

ISI Sementi Spa  
INIAV Portugal