



UNIVERSITÀ DEGLI STUDI DI MILANO

DIPARTIMENTO DI SCIENZE AGRARIE
E AMBIENTALI - PRODUZIONE,
TERRITORIO, AGROENERGIA



**Scienze della produzione e protezione delle piante
(curriculum Plant Biotechnology)
Corso: Advanced Plant Pathology**

Martedì 19 gennaio 2021, ore 09.00 - 11.00

SEMINARI

**Genetic characterization of grapevine germplasm for
breeding programs
(Prof. Gabriella De Lorenzis)**

**The battle for infection: interaction dynamics between
grapevine and *Plasmopara viticola*
(Prof. Silvia Laura Toffolatti)**

Piattaforma Microsoft Teams

<https://teams.microsoft.com/l/team/19%3a9b1bd44c7e5e46aaa73dcd9408a869c2%40thread.tacv2/conversations?groupId=c03385c4-c0dc-4cdc-b50d-50401e972a00&tenantId=13b55eef-7018-4674-a3d7-cc0db06d545c>

Docente ospitante: Prof. Fabio Quaglino



Gabriella De Lorenzis (orcid.org/0000-0001-8943-1218), researcher at the DiSAA (UMIL) since 2017. She received her degree in Plant biotechnology and PhD in Plant science from Pisa University. Her main research areas are characterization (genetic, biochemical, and phenotypic) of grapevine germplasm; study of genotype x environment interaction; identification of genetic mechanisms involved in the water stress of grapevine rootstocks; identification of genetic mechanism involved in plant pathogen interaction (*Plasmopara viticola* versus *Vitis vinifera*); characterization of the genetic variability of *Saccharomyces cerevisiae* strains. She has collaborated with numerous national and international research groups and attended several national and international scientific conferences.

Silvia Laura Toffolatti (orcid.org/0000-0003-3572-8686) graduated in Biological Sciences in 2002 and obtained a PhD in Agricultural Ecology in 2007. She is assistant professor in Plant Pathology at the University of Milan since 2018. Her research activities mainly concern the sustainable management of grapevine downy mildew. In this context, Dr. Toffolatti conducts research on the biology, genetics, and epidemiology of *Plasmopara viticola*, host-pathogen interaction, resistance to fungicides and the effectiveness of new fungicides. Similar studies are also carried out on the agents of grey mold of grapevine and potato late blight. She is a member of the Italian Plant Protection Association (AIPP) board, and a member of the Italian Phytopathological Society (SIPAV) and National Order of Biologists (ONB).

