



# SIGA Celebrates 70 Years: The Next Generation Speaks

December 19, 2024 14:30-18:30

Live on our social media channel: 



Carlo Jucci,  
February 21, 1954.

## Welcome

**14.30-14.45** *Welcome from the President of SIGA.* **Silvio Salvi**

**14.45-15.00** *Reflection on SIGA's history.* **Edgardo Filippone**

## First Session

**Moderators:** **Damiano Puglisi, Matteo Martina**, NGS SIGA CORE coordination

**15.00-15.15** *Unlocking rooting potential in olive cultivars through molecular and biotechnological strategies.* **Giuseppe Vaia** (Tutor: Cristian Silvestri)

**15.15-15.30** *Advanced strategies for the genetic improvement of grapevines: challenges and opportunities for local cultivars.* **Clarissa Ciffolillo** (Tutors: Giovanni Battista Tornielli and Sara Zenoni)

**15.30-15.45** *Identification of molecular markers for genetic improvement and supply chain traceability in sweet orange.* **Giuseppe Cannizzaro** (Tutor: Mario Di Guardo)

**15.45-16.00** *Genomic and Metabolic characterization of apple accessions with superior traits for cider production.* **Genny Zambiasi** (Tutor: Fabrizio Costa)

**16.00-16.15** *Exploring splicing factors as mediators of abiotic signal integration in plant phenotypic responses.* **Dario Sommella** (Tutor: Giorgia Batelli)

**16.15-16.30** *Safeguarding tomato by developing varieties resistant to tomato brown rugose fruit virus (ToBRFV).* **Alessandro Mariani** (Tutor: Emidio Albertini)

**16.30-16.45** **Coffee break and networking opportunity via chat**

## Second Session

**Moderators:** **Alice Branchi, Maria Dellino**, NGS SIGA CORE coordination

**16.45-17.00** *Development of a novel MAGIC population in pepper: phenotyping and genotyping analyses for multiple desired traits.* **Paolo Cerruti** (Tutors: Alberto Acquadro and Matteo Martina)

**17.00-17.15** *Exploring the potential of microalgal extracts for mitigating salt stress in tomato plants.* **Chiara Miele** (Tutors: Pasquale Chiaiese and Simona Carfagna)

**17.15-17.30** *Phenotype microarray-based assessment of metabolic variability in plant protoplasts.* **Giulia Alfreducci** (Tutor: Alice Checcucci)

**17.30-17.45** *Alternative Cas nucleases for plant breeding.* **Andrea Rossoni** (Tutor: Vittoria Brambilla)

**17.45-18.00** *Comparative evaluation of methods for RNA guide validation in CRISPR-Cas9-based genome editing of durum wheat.* **Francesca Orlando** (Tutor: Stefania Masci)

**18.00-18.15** *Enhancement of the organic supply chain of aromatic and medicinal plants for the development of biopesticides and biostimulants for organic tomato cultivation.* **Elisa Malagoli** (Tutor: Mariolina Gulli)

## Next Generation SIGA CORE

**18.15-18.30** *Cos'è il gruppo NGS SIGA e cosa significa NGS CORE?* **Marco Di Marsico**, NGS SIGA CORE coordination

**Coordination office:**

[genetica.agraria.young@gmail.com](mailto:genetica.agraria.young@gmail.com)

**Stay updated on the news of SIGA community:**

[www.instagram.com/siga.community/](https://www.instagram.com/siga.community/)

[www.facebook.com/SIGAcommunity/](https://www.facebook.com/SIGAcommunity/)

[www.linkedin.com/in/siga/](https://www.linkedin.com/in/siga/)

