



Martina Carlassara

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Education

Currently Ph.D student in Genetics, Molecular and Cellular Biology, Università di Pavia (Bonizzoni Lab).

M.S. in Molecular Biology and Genetics, Università di Pavia, (2020).

B.S. in Biology, Università del Piemonte Orientale, (Alessandria, 2018).

Research experience

- B.S. Thesis: Effect of the arbuscular mycorrhizal fungus *Funneliformis mosseae* on tomato and cucumber plants in the first stages of symbiosis (Professor Patrizia Cesaro).
- M.S. Thesis: The microbiota of *Aedes albopictus*: assessing strain variability (Professor Mariangela Bonizzoni, Dott.ssa Francesca Scolari).
- Current project: Effects of different temperatures on *Aedes albopictus* gene expression and survival (Professor Mariangela Bonizzoni).

Computer Skills

- Operating Systems: Windows, Ubuntu;
- NCBI, Uniprot, UCSC, Gene Ontology;
- Microsoft Word, Microsoft Excel, Microsoft PowerPoint.

Laboratory Skills

- DNA and RNA extraction from tissues;
- Adult mosquitoes dissection;
- PCR, qPCR;
- Mosquito rearing;
- Gel electrophoresis.

Languages

Italian, English, basic Spanish, basic German.

Publications

-Pischedda E., Crava C., **Carlassara M.**, Gasmi L., Bonizzoni M. (2020). ViR: a tool to account for intrasample variability in the detection of viral integrations. DOI: 10.1101/2020.06.16.155119