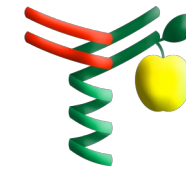




PROVINCIA  
AUTONOMA DI TRENTO



# Transcrapple

A research project on apple



**"TRANSCRIPTIONAL AND POST-TRANSCRIPTIONAL  
REGULATION OF APPLE FRUIT DEVELOPMENT"**

*Final meeting (Trento - April 5<sup>th</sup>, 2017)*



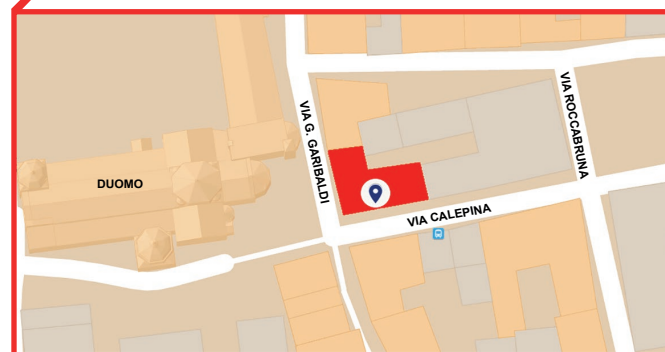
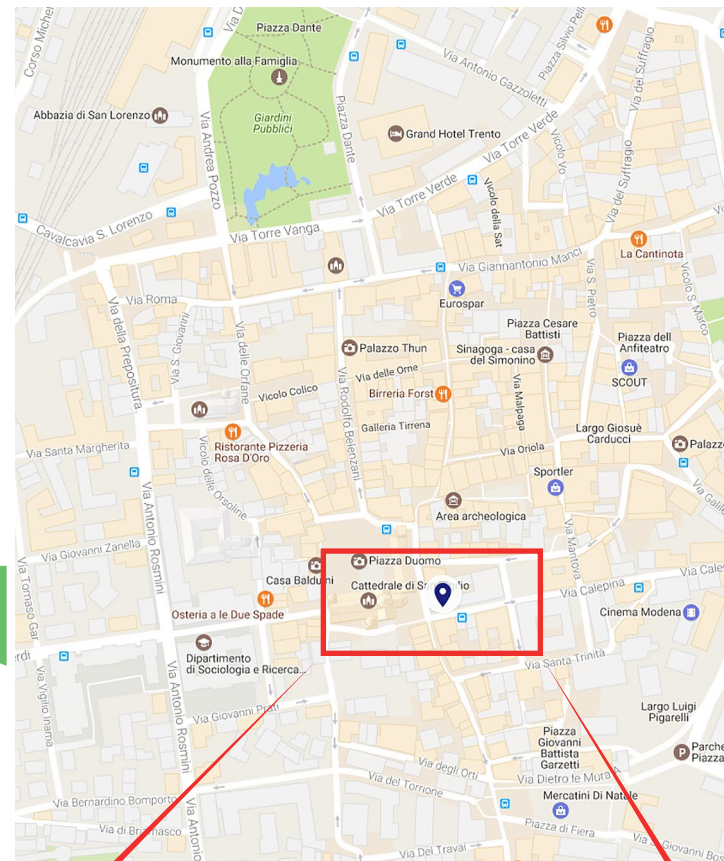
UNIVERSITÀ  
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DEGLI STUDI  
DI PADOVA

## The venue

Fondazione Cassa di Risparmio di Trento e Rovereto  
Via Calepina, 1 - 38122 TRENTO



## Acknowledgements

The project team would like to thank  
the external partners:

**LabSSAH, CIBIO - University of Trento**

**Annick Moing, INRA - Bordeaux**

**Sergi Munné-Bosch, Universitat de Barcelona**

**Jens Sundström, SLU - Uppsala**

Special acknowledgements to:





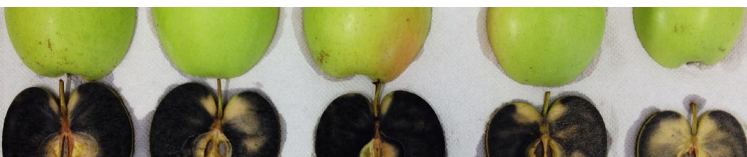
## IN THE ORCHARD

*Most of the project is developed in experimental orchards, on selected trees of the cultivar Golden Delicious.*



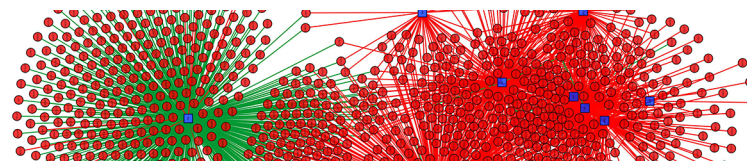
## INSIDE THE FRUIT

*The Transcrapple project aims at looking inside the fruit up to the cellular level. Its developmental physiology is our focus.*



## -OMIC TOOLS

*This project will represent a bridge joining the available genomic tools to new ones either developed or designed within Transcrapple.*



## Programme of the meeting - April 5<sup>th</sup>, 2017

**9:10 - 9:30** - Welcome reception

**9:30 - 9:40** - Azeddine Si-Ammour

*(Principal Investigator of Transcrapple, Research and Innovation Center, Fondazione Edmund Mach, San Michele all'Adige, Trento, Italy)*

**Presentation of the Transcrapple project**

**9:40 - 10:25** - Alessandro Botton

*(Research Unit Leader, Department of Agronomy, Food, Natural resources, Animals and Environment, University of Padova, Agripolis - Legnaro, Padova, Italy)*

**Apple fruit development: transcriptional and hormonal regulation**

**10:25 - 11:10** - Azeddine Si-Ammour

*(Principal Investigator of Transcrapple, Research and Innovation Center, Fondazione Edmund Mach, San Michele all'Adige, Trento, Italy)*

**Post-transcriptional regulation of apple fruit development**

**11:10 - 11:55** - Michela Denti

*(Research Unit Leader, Laboratory of RNA Biology and Biotechnology, Centre for Integrative Biology, University of Trento, Trento, Italy)*

**Spatio-temporal localization of microRNAs and their targets during apple fruit development: challenges and insights**

**12:00 - 13:15** - Lunch

*Buffet lunch*

**13:15- 14:00** - Annick Moing

*(External partner of Transcrapple, UMR1332 Biologie du Fruit et Pathologie/MetaboHUB, INRA- Bordeaux, France)*

**Metabolomics for the study of fleshy fruit metabolism**

**14:00 - 14:45** - Joan Bonany

*(Invited speaker, IRTA, Mas Badia, Spain)*

**Strategic innovation and research agenda for fruit crops: a view from the industry**

**14:45 - 15:15** - Closing remarks and coffee break

**15:15 - 16:30** - Internal round table

*"Apple is being increasingly considered as a model for fruit development studies, although many gaps still exist in apple research". The Transcrapple project has been designed to fill these gaps.*