



fondazione banfi

SANGUIS JOVIS
ALTA SCUOLA DEL SANGIOVESE

SANGUIS JOVIS SUMMER SCHOOL PROGRAM 25-29 SEPTEMBER 2017



President of Sanguis Jovis Alta Scuola del Sangiovese: prof. Attilio Scienza

Director of Sanguis Jovis Alta Scuola del Sangiovese : prof. Alberto Mattiacci

Course secretary: Chiara Naso

Morning lectures: from 9 am to 12.30 pm

Afternoon lectures: from 2 pm to 6 pm

MORNING

Welcome from Fondazione Banfi. *Rodolfo Maralli*
Introduction to the Sanguis Jovis course and project. *Prof. Attilio Scienza*
Sangiovese, between myth and history. *Prof. Giusi Mainardi*
The origin of Sangiovese and genetic relations with the Italian germplasm. *Dr. Manna Crespan*
Weak selective pressure and the new Sangiovese clones. *Prof. Lucio Brancadoro*
Comparison of the vegetative and productive performance of the Sangiovese clones in Tuscany. *Dr. Paolo Storchi*

AFTERNOON

Banfi clonal comparison and tasting. Results of Sangiovese clonal selection, assessed by tasting wines from VCR clones.
Participants: *Dr. Gianni Savelli, Dr. Gabriele Pazzaglia, Prof. Lucio Brancadoro, Prof. Paolo Storchi, Dr. Valeria Fasoli*

EVENING

Discussion of daily topics

MORNING

Geological matrices and the phenomena of pedogenesis at the basis of the Sangiovese *terroirs* in Tuscany. *Prof. Edoardo Costantini*
Suitability and limitations of use of the Sangiovese *terroirs* in Tuscany. *Dr. Francesco Lizio*
Contribution of transcriptomics in the evaluation of the Sangiovese *terroir* suitability. *Prof. Mario Pezzotti*

AFTERNOON

Possibilities offered by climate models in mitigating the effects of climate change. *Prof. Simone Orlandini*
Evaluation of the micro-mesoclimate in the formulation of predictive models of the maturation of Sangiovese grapes. *Dr. Luigi Mariani*
Rootstocks M and the response of the vine to climate change. *Prof. Lucio Brancadoro*
Perspectives of the space economy in precision viticulture applications. *Dr. Luca Toninato*
Soil effect on the qualitative responses of Sangiovese. *Dr. Paolo Storchi*

EVENING

Discussion of daily topics

MONDAY 25 SEPTEMBER

Genetics, origin,
biodiversity of
Sangiovese

TUESDAY 26 SEPTEMBER

Territories,
geology, pedo-
landscape
peculiarities

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WEDNESDAY 27 SEPTEMBER

Adaptive responses of Sangiovese to cultivation environments

MORNING

Eco physiology of photosynthesis and behavior of Sangiovese towards environmental stress. **Prof. Giovan Battista Mattii**

Soil, root system and climate change. **Dr. Diego Tomasi**

Innovative aspects in the genetic improvement of Sangiovese. **Riccardo Velasco**

AFTERNOON

Detailed study

Experiences related to plant density tests, soil management, irrigation.

Comparison of rootstocks in the context of climate change mitigation and environmental sustainability with wine tasting.

Dr. Diego Tomasi, Dr. Luca Toninato

EVENING

Discussion of daily topics

THURSDAY 28 SEPTEMBER

Climate change, sustainability and genetic-agronomic innovation

MORNING

The maturation processes of the Sangiovese grape berry and the influences of the *terroir*.

Prof. Osvaldo Failla

Particular features of Sangiovese and wine making technique. **Prof. Fulvio Mattivi**

Knowledge and enhancement of the aromatic assets of Sangiovese. **Prof. Claudio D'Onofrio**

AFTERNOON

Meeting with Wine Makers.

Guests: Dr. Rudi Buratti, Dr. Cristian Scrinzi, Dr. Vittorio Fiore, Dr. Leonardo Bellaccini, Dr. Paolo Vagaggini

EVENING

Discussion of daily topics

FRIDAY 29 SEPTEMBER

Production and market: new approaches to knowledge

MORNING

The market: concept, configuration, metrics. New trends of market demand.

Prof. Alberto Mattiacci

Production and market: coordination and conflict. **Prof. Fabio Babiloni**

Introduction to product testing. **Prof. Fabio Babiloni + Dr. Cecchinato**

AFTERNOON

Principle of biometrics. **Prof. Fabio Babiloni**

Neuro-tasting. **Prof. Fabio Babiloni**

Experimentation of techniques of detection of biometric responses to sensory stimuli.

Prof. Fabio Babiloni

Closing address and presentation of the future courses. **Prof. Alberto Mattiacci**

EVENING

Conferring of diplomas and farewell dinner at Castello Banfi