



30 September 2021

International Online Workshop

THE COLOURS AND ANTIOXIDANTS OF FRUITS AND VEGETABLES: WHAT GENES AND HORTICULTURAL PRACTICES CAN DO

Objectives: The General Assembly of UN declared 2021 the Year of Fruits and Vegetables (AIFV). SIGA and SOI organize an international online workshop on the role of antioxidants and pigments contained in fruits and vegetables as important molecules for human nutrition and health.

Participants: The workshop encourages the participation of doctoral students and post-doc fellows who are working in the areas of breeding, biotechnologies, genomics, plant physiology and horticulture of fruits and vegetables, and in relevant crops for agricultural economy and development of rural areas.

Foreword: fruits and vegetables are edible parts of plants and include flowers, blossoms, leaves, fruits, stems, and roots. Features and properties of these organs depend on genes, environmental conditions and horticultural practices. The focus of this workshop is on genetic and environmental regulation of processes underlying quality of fruits and vegetables.

Programme

- 10:15** - Welcoming address: *Edgardo Filippone – President of the Italian Society of Agricultural Genetics (SIGA), Massimo Tagliavini - President of the Italian Horticultural Society (SOI)*
- 10:30** - Plenary Lecture: Bioactives in fruits and vegetables. The versatility of carotenoids in the context of the sustainable production of healthy foods, *Antonio Melendez-Martinez, University of Sevilla, Spain*
- 11:00** - Plenary lecture: A matter of colours: antioxidant pigments and crop domestication, *Giovanni Giuliano ENEA, Centro Ricerche Casaccia, Roma*
- 11:30** - Horticultural practices to manage abiotic stresses in vegetable and fruit tree crops
Giuseppe Colla, Università degli Studi della Tuscia
Boris Basile, Università degli Studi di Napoli Federico II
- 12:00** - Citrus fruits in red: when the clothes do make the man! *Angela Roberta Lo Piero, Università di Catania*
- 12:30** – Discussion



13:00 Break

13:30 - The use of controlled postharvest abiotic stresses and the impact on quality and nutraceuticals in fresh produce *Luis Cisneros Zevallos, Texas A&M University, USA*

14:00 – Poster and oral presentations by young scientists (SIGA and SOI)

15:30 - Discussion and Conclusions

The Registration fee 60 €.

The participation is free of charge for SOI and SIGA members.

Deadline for registration: September 14, 2021 (see attached form)



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WHAT GENES AND HORTICULTURAL PRACTICES CAN DO

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Registration form

Fill and send to e-mail: segreteria@soishs.org deadline 14 September 2021

| 1 – Personal information | | | |
|--------------------------|------------------------------|-----------------------------|--|
| Name | | Surname | |
| E-mail | | | |
| Telephone | | Fax | |
| Institution/Company | | | |
| Address | | | |
| City | | CAP | |
| SOI member | Yes <input type="checkbox"/> | No <input type="checkbox"/> | I would like to be member <input type="checkbox"/> |
| SIGA member | Yes <input type="checkbox"/> | No <input type="checkbox"/> | I would like to be member <input type="checkbox"/> |

| 2 – ABSTRACT | |
|--------------|--|
| Yes | |
| No | |

| | |
|---|------|
| 3 – Registration Fee (only for those that are non-members of SOI or SIGA) | 60 € |
| | |

The payment of the registration fees entitles the participant to become member of SOI or SIGA and covers the association fees for 2021 and 2022.



4 – If you wish to become member of SOI please use the following IBAN

| | |
|-----------------------|---|
| Account no. | Società di Ortofrutticoltura Italiana, Viale delle Idee 30, Sesto Fiorentino |
| Bank | Intesa San Paolo – Viale Macchiavelli Sesto Fiorentino (FI) |
| BIC | BCITITMM |
| IBAN | IT27 Q 03069 18488 10000 0008151 |
| Reason/Causale | F&V workshop+ Last name + First name |

4 – If you wish to become member of SIGA please use the following IBAN

| | |
|-----------------------|--|
| Account no. | Società Italiana di Genetica Agraria, Via Università 100, Portici |
| Bank | Unicredit Banca - Ponte San Giovanni, Perugia |
| BIC | UNCRITM1J28 |
| IBAN | IT83 S 02008 03050 00010 5805035 |
| Reason/Causale | F&V workshop+ Last name + First Name |

5 – deadline

14 September 2021: registration and abstracts

NOTA

Per presentare domanda di adesione alla SIGA si prega di compilare il modulo di richiesta di adesione scaricabile dal sito della SIGA

(http://www.geneticagraria.it/society.asp?a_pag=2&Id=adesione) e inviarlo all'indirizzo:

segretario@geneticagraria.it

For acceptance

| | |
|------------------|--|
| DATE | |
| SIGNATURE | |