

SUNBIO 2025 9TH EUROPEAN SUNFLOWER BIOTECHNOLOGY CONFERENCE



19-21 November, 2025



Megasaray Westbeach Hotel, Antalya, Turkey



CONFERENCE PROGRAM

WEDNESDAY, NOVEMBER 19TH, 2025

13³⁰ - 18⁰⁰ Registration

PLENARY SESSION

THURSDAY, NOVEMBER 20TH, 2025

08 ³⁰ - 09 ³⁰	Registration
09 ³⁰ - 10 ⁰⁰	Opening Ceremony
10 ⁰⁰ - 12 ³⁰	OPENING SESSION: Session Chair: Dr. Etienne PILORGE, Terres Inovia, France
10 ⁰⁰ - 10 ³⁰	Dr Nicolas LANGLADE, ISA President, INRAE LIPME, FRANCE "Using <i>Helianthus</i> extremophile species to breed for drought tolerance and ecosystem services in sunflower"
10 ³⁰ - 11 ⁰⁰	Dr Begona PEREZ VICH, CSIC Institute, SPAIN "Gene Cloning in Sunflower: Current Advances and Future Directions"
11 ⁰⁰ - 11 ³⁰	Dr Branislav DOZET, KWS, HUNGARY "Application of minirhizotrons in sunflower root research"
11 ³⁰ - 12 ⁰⁰	Prof. Dr. Songül SEVER MUTLU, Akdeniz University, TURKEY "Development of herbicide resistant ornamental sunflower lines"
12 ⁰⁰ - 12 ³⁰	Discussion
12 ³⁰ - 14 ⁰⁰	LUNCH

1 st Ses	MAIN HALL Session Chair: Prof Dr Leonardo VELASCO
14 ⁰⁰ -14 ³⁰	KEYNOTE SPEAKER ONLINE: Dr Abelardo DE LA VEGA, Latin America & Africa, Corteva Agriscience, US "Historical phases of sunflower breeding in Argentina described through a trial dataset spanning 10 decades"
1 14 ³⁰ -14 ⁵⁰	The Yabby gene network in sunflower: Evolutionary dynamics & drought-responsive expression profiling - Deniz Sarel, Ilker Büyük
2 14 ⁵⁰ -15 ¹⁰	Organisation of the fertility restorer locus Rf1 in sunflower - Renate Horn, Aleksandra Radanović, Robert Wagner, Yves Sprycha, Monja Sundt, Dragana Miladinović, Constantin Jansen
3 15 ¹⁰ -15 ³⁰	Deciphering drought response strategies in sunflower - Aleksandra Radanović, Malin Alf, Boško Dedić, Srđan Bursać, Kimon Ionas, Mirjana Vukosavljev, Milan Jocković, Jelena Jocković, Sandra Cvejić, Siniša Jocić, Renate Horn, Dragana Miladinović
4 15 ³⁰ -15 ⁵⁰	Roots – An unexploited way to drought tolerance in sunflower - Malin Alf, Klaus Herburger, Florian Schilling, Aleksandra Radanović, Dragana Miladinović, Renate Horn
15 ⁵⁰ -16 ⁰⁰	Coffee Break
5 16 ⁰⁰ -16 ²⁰	From Silence to Signal: Rebuilding the Genomic Toolbox for Sunflower Resistance to Broomrape - Dragana Miladinović, Aleksandra Radanović
6 16 ²⁰ -16 ⁴⁰	Regulation of signaling through colloidal silver at early stages assist the growth of sunflowers during drought and high temperature stress - Ender Şener, Murat Dikilitaş, Sema Karakaş
7 16 ⁴⁰ -17 ⁰⁰	The effects of price & support policies on sunflower production in Turkey on the welfare of producers - Metin Badem
8 17 ⁰⁰ -17 ²⁰	Sunflower Seed Based Fat Replacers (FR): The Biotechnological Sustainable Assesment of FR Manufacturing Strategies on Food Quality Applications - Özlem Tokuşoğlu (ONLINE)

	FRIDAY, NOV 21ST, 2025
10³⁰-16⁰⁰	MAIN HALL CONFECTIONERY SUNFLOWER SYMPOSIUM
12³⁰-14⁰⁰	LUNCH
2ND Ses 16⁰⁰-17⁰⁰	HALL B POSTER SESSION

All posters will be exhibited e poster during the conference in the main hall as well as in the internet as online. In poster session; each poster author will give a brief information for their poster about 2 minutes.

#	TITLE AND AUTHORS
1	By-products from sunflower oil production as valuable sources of bioactive compounds - Maria Duca, Angela Port, Steliana Clapco, Alexandra Gaspar-Pintiliecu
2	Activity of antioxidant enzymes in sunflower leaves co-cultivated with fungal strains - Maria Duca, Steliana Clapco, Angela Rudacova, Ala Cherdivara, Serghei Rudacov
3	Lipid profile of sunflower pollen oil - Maria Duca, Steliana Clapco, Alexandru Ciocarlan, Oana Iulia Craciunescu, Elena Iulia Oprita
4	Resources for sunflower breeding for biotic and abiotic factors - Florin Gabriel Anton, Maria-Joita Pacureanu, Luxita Risnoveanu, Elena Laura Contescu
5	Xylem characteristics of wild Helianthus germplasm as a source for drought tolerance in cultivated sunflower - Jelena Jocković, Lana Zorić, Sandra Cvejić, Milan Jocković, Aleksandra Radanović, Dragana Miladinović, Jadranka Luković
6	Comparative genomic analysis of the OrDeb2 locus conferring resistance to highly virulent races of Orobancha cumana - Belén Fernández Melero, Leonardo Velasco, Begona Pérez-Vich
7	Paving the path to sunflower drought resilience: Marker Assisted Backcrossing using KASP technology - Kimon Ionas, Svetlana Glogovac, Dragana Trkulja, Siniša Jocić, Aleksandra Radanović, Ankica Kondić-Špika, Nicolas Pouilly, Nicolas Langlade, Dragana Miladinović
8	A comparison of SNP genotyping arrays with targeted Genotyping-By-Sequencing (tGBS) in sunflower - Eva Grafahrend-Belau, Martin Ganai, Dagmar Kulosa, Karolina Grzesiak, Andreas Polley, Heike Gnad
9	Tissue Culture and Micropropagation Techniques in Sunflower (Helianthus annuus L.): Trends and Advances - Sabina Pintila, Elena Petcu, Florin Gabriel Anton, Catalin Lazar
10	Broomrape (Orobancha cumana) resistance genes in wild sunflower species - Begona Pérez-Vich, Belen Fernandez-Melero, Lidia Del Moral, Leonardo Velasco
11	Advancing Sunflower Resilience to Climate Change Through Innovative Breeding Strategies - Sandra Cvejić, Boško Dedić, Aleksandra Radanović, Milan Jocković, Nemanja Ćuk, Jelena Jocković, Sonja Gvozdenac, Srđan Bursać, Siniša Jocić, Dragana Miladinović, Vladimir Miklič
12	Association mapping of seed morphology traits in sunflower - Aleksei Zamalutdinov, Maksim Grigorian, Stepan Boldyrev, Alina Chernova, Denis Goryunov, Irina Anisimova, Vera Gavrilova, Zhanna Mukhina, Yakov Demurin, Svetlana Goryunova
13	Review of the Nutritional and Health Benefits of Sunflower Seeds - Mouna Azi, Farouk Zaidi, Zahnit Wafa
14	Combinations for Agroforestry projects of rural households in Bosnia and Herzegovina that include planting sunflowers - Selma Vejzagic
15	Potential for combined planting of sunflower, Buddleja, linden and acacia in Ljubinje in combination with beekeeping - Selma Vejzagic
16	New sunflower starting material of the National Plant Gene Bank of Ukraine - Kateryna Makliak, Natalia Kuzmyshyna, Valeriia Kolomatska, Olecsandr Syvenko, Valentyna Syvenko, Victor Kyrychenko
17	Anthocyanin pigmentation as a marker in sunflower breeding and seed production - Sergey Gontcharov, Shpiga Elizaveta
18	The evaluation of some wild sunflower species for ornamental purposes – Mert Duran, Yalçın Kaya
19	The situation of oil type sunflower production in Turkey - Yalcin Kaya
20	Effectiveness of a stationary field infectious background for assessing sunflower resistance to Alternaria leaf blight in the northern steppe of Ukraine - Kateryna Makliak, Natalya Kutishcheva, Natalia Shugurova
POST CONFERENCE FULL DAY TOUR 22.11.2025 SATURDAY 09⁰⁰-17⁰⁰ Visit Düden & Karpuzkaldiran Waterfalls and Visiting GROWTECH Agricultural Fair	