



oro-stress 2026

6th International Symposium On Broomrape In Sunflower
1st Meeting On Sunflower Biotic And Abiotic Stress



June 15-18, 2026
Novi Sad, Serbia

Monday, 15th June 2026

18 ⁰⁰ -19 ⁰⁰	Registration
19 ⁰⁰ -20 ⁰⁰	Meet & Greet

Tuesday, 16th June 2026

9 ⁰⁰ -16 ⁰⁰	Registration (during the entire Symposium)
10 ⁰⁰ -10 ³⁰	Opening Ceremony (Hotel Sheraton)
10 ³⁰ -11 ³⁰	Plenary presentation (Chairman: Leire Molinero-Ruiz)
10 ³⁰ -11 ⁰⁰	Broomrape severity: virulence and environmental factors - BOŠKO DEDIĆ
11 ⁰⁰ -11 ³⁰	Genetic insights into the sunflower-broomrape parasitic interaction - BEGOÑA PÉREZ VICH
11 ³⁰ -12 ⁰⁰	Coffee Break
12 ⁰⁰ -13 ⁰⁰	Oral Presentations - Broomrape ecology and virulence under climate change (Chairman: Maria Duca)
12 ⁰⁰ -12 ¹⁵	Assessing disease stability - <u>Virginie Mirleau-Thebaud</u>, Alberto Martín-Sanz
12 ¹⁵ -12 ³⁰	Global virulence, genetic diversity and population structure in sunflower broomrape - <u>Leonardo Velasco</u>, Antonio Sayago, Begoña Pérez-Vich, Alberto Martín-Sanz
12 ³⁰ -12 ⁴⁵	Spread of sunflower broomrape into new areas: measures to prevent its introduction into Argentina - Melisa Nedilskyj, Jorge Orellana, Mario De Gracia, Nicolás Auñon, <u>Miguel Cantamutto</u>
12 ⁴⁵ -13 ⁰⁰	When environment meets genetics: stability and molecular signals of broomrape resistance in sunflower - <u>Mirjana Vukosavljev</u>, Kimon Ionas, Radanović Aleksandra, Boško Dedić, Siniša Jocić, Dragana Miladinović
13 ⁰⁰ -14 ⁰⁰	Lunch (Hotel Sheraton)
14 ⁰⁰ -16 ⁰⁰	Oral Presentations - Sunflower resistance to broomrape and breeding (Chairman: Siniša Jocić)
14 ⁰⁰ -14 ¹⁵	Genetic resistance to sunflower broomrape: breaking the myth of cumulative resistance - <u>Alberto Martín-Sanz</u>, Antonio Sayago, Marlene Mazas, Virginie Mirleau-Thebaud
14 ¹⁵ -14 ³⁰	CRISPR/Cas-based modulation of sesquiterpene lactone biosynthesis confers enhanced broomrape resistance in sunflower (<i>Helianthus annuus</i> L.) - <u>Yıldırım Kubilay</u>, Sevgen İlkay, Coşkun Şükriye, Altay Beyza, Radanović Aleksandra, Miladinović Dragana
14 ³⁰ -14 ⁴⁵	A TKP candidate underlying <i>Or_{Deb2}</i>-mediated resistance to <i>Orobanche cumana</i> in sunflower - <u>Belén Fernández-Melero</u>, Lidia del Moral, Borja Rojas-Panadero, Alexandra Legendre, Sébastien Carrère, Jérôme Gouzy, Stéphane Muñoz, Leonardo Velasco, Begoña Pérez-Vich

14 ⁴⁵ -15 ⁰⁰	Evaluating for broomrape parasite tolerance of some interspecific and intergeneric sunflower hybrids - Goktug Bayraktaroglu Nuri, Goksel Evci, Yalcin Kaya
15 ⁰⁰ -15 ¹⁵	Population structure at the HaOr₇ gene reveals the key role of marker-assisted selection in breeding broomrape-resistant open-pollinated sunflower varieties - Dmitrii Savichenko , Saida Guchetl, Yakov Demurin
15 ¹⁵ -15 ³⁰	Hyperspectral data for the early and pre-visual identification of sunflower infections caused by <i>Orobanche cumana</i> - Oier Gartzia, Ana García-Carneros, Alberto Hornero, Pablo J Zarco-Tejada, Leire Molinero-Ruiz
15 ³⁰ -15 ⁴⁵	Novel sources of resistance from crop wild relatives to <i>Orobanche cumana</i> infestations in sunflower (<i>Helianthus annuus</i>) - Jan Gielen , Clotilde Claudel, Mario Hernandez, Antoine Fontan, Anna Ourth, Armand Wagner, Adrien Fior
15 ⁴⁵ -16 ⁰⁰	New sources for broomrape race G found in wild <i>Helianthus</i> species - Milan Jocković , Siniša Jocić, Sandra Cvejić, Dragana Miladinović, Miloš Krstić, Jelena Jocković
16 ⁰⁰ -16 ³⁰	Broomrape Consortium Meeting

Wednesday, 17th June 2026

10 ⁰⁰ -11 ⁰⁰	Plenary presentation (Chairman: Leonardo Velasco)
10 ⁰⁰ -10 ³⁰	When parasitic weeds fight back: understanding resistance to herbicides in <i>Orobanche cumana</i> Wall. - ALBERTO MARTIN SANZ
10 ³⁰ -11 ⁰⁰	Integration of genomics and phenomics to identify novel genetic control of drought and heat tolerance in sunflower - NICOLAS LANGLADE
11 ⁰⁰ -11 ³⁰	Coffee Break
11 ³⁰ -12 ⁰⁰	Oral Presentations - Integrated control and impacts of broomrape (Chairman: Yalcin Kaya)
11 ³⁰ -11 ⁴⁵	Potential of biofumigation with <i>Brassicaceae</i> cover crops for the management of sunflower broomrape - Thibault Roudaire, Nathalie Vrielynck, Manon Pull, Célia Seassau
11 ⁴⁵ -12 ⁰⁰	Compost amendments: their effect on <i>Orobanche cumana</i> in a field experiment and on the development of cover crops and sunflower in a pot experiment - Ana Domínguez Carmona , José Alfonso Gómez, Leire Molinero Ruiz
12 ⁰⁰ -13 ⁰⁰	ISA General Assembly
13 ⁰⁰ -14 ⁰⁰	Lunch (Hotel Sheraton)
14 ⁰⁰ -15 ¹⁵	Oral Presentations – Abiotic stress in sunflower (Chairman:Renate Horn)
14 ⁰⁰ -14 ¹⁵	Role of root system architecture in drought tolerance in sunflower – Malin Alf, Klaus Herberger, Florian Schilling, Aleksandra Radanović, Dragana Miladinović, Renate Horn
14 ¹⁵ -14 ³⁰	Phenotypic plasticity of sunflower inbred lines to water deficit and recovery under field conditions – Srđan Bursać , Dunja Karanović, Sandra Cvejić, Siniša Jocić, Jadranka Luković, Boško Dedić
14 ³⁰ -14 ⁴⁵	System-based evaluation of sunflower production in multi-cropping systems under heat and drought stress conditions - Brankica Babec , Sandra Cvejić, Ana Jeromela Marjanović, Siniša Jocić, Nemanja Ćuk, Miloš Krstić, Srdjan Šeremešić

14 ⁴⁵ -15 ⁰⁰	NAC transcription factors mediate ROS detoxification to enhance resilience in drought-tolerant sunflower – <u>Kimon Ionas</u> , Mirjana Vukosavljev, Aleksandra Radanović, Dragana Miladinović, Ankica Kondić-Špika, Emilija Bulić, Siniša Jocić, Malin Alf, Renate Horn
15 ⁰⁰ -16 ³⁰	Poster Presentations and Project Presentations – All topics (5 min) (Chairman: Dragana Miladinović)
20 ⁰⁰ -00 ⁰⁰	Gala Dinner – Restaurant 'Piknik' (https://piknik.rs/) https://maps.app.goo.gl/rZ5Xw7mVnFU6Gekm Entertainment: Magic Buzz Bend

Thursday, 18th June 2026

10 ⁰⁰ -11 ⁰⁰	Plenary presentation (Chairman: Maria Pacureanu)
10 ⁰⁰ -10 ³⁰	Sunflower trade-offs and balances between biotic and abiotic stress - NICKY CREUX
10 ³⁰ -11 ⁰⁰	Tackling emerging sunflower insect pests with adaptive integrated pest management strategies - SONJA GVOZDENAC
11 ⁰⁰ -11 ³⁰	Coffee Break
11 ³⁰ -12 ⁴⁵	Oral Presentations - Biotic stress in sunflower (Chairman: Nicky Creux)
11 ³⁰ -11 ⁴⁵	Comparing methods for standardised phenotyping of <i>Sclerotinia sclerotiorum</i> infections in sunflowers - <u>Claudia Breitreuz</u> , Sebastian Warnemünde, Andreas Stahl, Albrecht Serfling
11 ⁴⁵ -12 ⁰⁰	Comparison of charcoal rot resistance between newly developed and established sunflower inbred lines – <u>Nemanja Ćuk</u> , Sandra Cvejić, Brankica Babec, Milan Jocković, Siniša Jocić, Vladimir Miklič, Boško Dedić
12 ⁰⁰ -12 ¹⁵	Sunflower Rust: QTLs discovery in open field - Thomas Calmon, Marlene Mazas, <u>Virginie Mirleau-Thebaud</u>
12 ¹⁵ -12 ³⁰	Virus discovery in sunflower in South Africa: a novel virus and new host associations - <u>David Read</u> , Vida Burger, Phrasia Mapfumo, Nicky Creux, Tumisang Mokgobu, Bernard Slippers, Emma Steenkamp, Lindy Esterhuizen
12 ³⁰ -12 ⁴⁵	Abundance and species spectrum of click beetles (<i>Elateridae</i>) at Rimski Šančevi (Vojvodina province, Serbia) locality - <u>Milica Škorić</u> , Sonja Gvozdenc, Željko Milovac
12 ⁴⁵ -13 ⁰⁰	Closing Remarks
13 ⁰⁰ -14 ⁰⁰	Lunch (Hotel Sheraton)
15 ⁰⁰ -20 ⁰⁰	Excursion ❖ Visit Sremski Karlovci (small baroque town with rich history) Sightseeing (the Patriarchal Residence, Gymnasium, Saint Nicholas Orthodox church (outside), Four Lions Fountain) ❖ Visit Živanović Winery (https://www.museumzivanovic.com/) Tour of the Beekeeping Museum and the old wine cellar (lagum) with winery brunch with wine, honey, and cheese platter