

PROGRAM

Monday, September 8th

(T Block, Yaşar University Campus)

17:00 – 19:00 **Registration and Presentation Upload**

19:00 – 21:00 **Welcome Cocktail**

Tuesday, September 9th

(Y Block, Yaşar University Campus)

08:30 – 09:00 **Registration and Presentation Upload**

09:00 – 09:15 **Welcome and Introduction**

Ismail TÜRKAN (Dean, Faculty of Agricultural Sciences and Technologies)

Ismail DÖKER (Local Organizer)

INVITED TALKS

Moderator: George D. BROUFAS

09:15 – 10:00 Alireza Saboori

Trombidioidea (Trombidiformes: Prostigmata) as natural biocontrol agents

10:00 – 10:45 Dejan Marčić, Ismail Döker, Haralabos Tsolakis

What we talk about when we talk about bioacaricides?

10:45 – 11:10 **COFFEE BREAK**

SESSION 1 – Historical perspectives, and the biology, ecology and behavior of plant-feeding mites

Moderators: Rostislav ZEMEK and Ibrahim CAKMAK

11:10 – 11:30

OP1

Sauro Simoni, Marcello De Giosa, Silvia Guidi, Franca Tarchi, Donatella Goggioli, Elena Gagnarli, Marisa Castagnoli, Marialivia Liguori, Pio Federico Roversi, Roberto Nannelli

Antonio Berlese: A scientist ahead of his time, yet enduring through every era

11:30 – 11:50

OP2

Pattara Opadith, Norihide Hinomoto

Lethal temperature and tropical non-host plants of the European red mite, *Panonychus ulmi* (Koch) (Prostigmata: Tetranychidae)

11:50 – 12:10

OP3

PhD. Competition

Esma Kaplan, Bugra Guvercin, Izzet Akca

Damage intensity of hazelnut big bud mite in hazelnut orchards of Giresun Province, Türkiye

12:10 – 12:30

OP4

PhD. Competition

Octavio C. Rossetti, Fernanda G. Araújo, Walter S. de Araújo, Rodrigo D. Daud

Plants mites (Arachnida: Acariformes, Parasitiformes) in Caatinga remnants from Piauí State, Brazil

SESSION 2 – Biology, ecology and behavior of phytoseiid mites

- Moderators:** Maria L. PAPPAS and Sophie Le HESRAN
- 13:30 – 13:50
OP5 *Ioannis Bakirtzis, Anastasia Pantelidou, Konstantinos Samaras, Maria L. Pappas, George D. Broufas*
Effects of laboratory selection for pirimicarb resistance on *Euseius finlandicus* fitness
- 13:50 – 14:10
OP6 *Yuki Kato, Minori Sekiguchi, Norihide Hinomoto*
Vitality of *Phytoseiulus persimilis* (Mesostigmata: Phytoseiidae) can be kept on alternative prey even after long flights
- 14:10 – 14:30
OP7 *Shogo Usugi, Shingo Toyoshima, Norihide Hinomoto*
Comparison of the Japanese indigenous phytoseiid mite *Amblyseius rademacheri* and the non-native phytoseiid mite *A. swirskii*
PhD. Competition
- 14:30 – 14:50
OP8 *Juliette Pijnakker, Marion Cellier, Yves Arijs, Marvin Koot, Felix Wäckers*
Pollen as an alternative or supplemental food for predatory mites in greenhouse cucumber crops
- 14:50 – 15:20
COFFEE BREAK
- 15:20 – 15:40
OP9 *Natali Nacev, Christel van Leeuwen, Anton Bekendam, Markus Knapp*
Predation- and oviposition capacity of five generalist predatory mite species at different temperatures
- 15:40 – 16:00
OP10 *Mete Soysal, Rana Akyazi*
Comparative life table analysis of native and commercial *Neoseiulus californicus* populations preyed on *Phytonemus pallidus fragariae* on Albion strawberry cultivar
PhD. Competition
- 16:00 – 16:20
OP11 *Syed Usman Mahmood, Nwanade Chuks Fidelis, Meng Jianglei, XiaoDuan Fang*
Behavioral and ecological response of *Amblyseius largoensis* to HIPVs from citrus red mite-infested plants
- 16:20 – 16:40
OP12 *Tuğba Çakar, Dürdane Yanar*
Predation capacity of *Galendromus occidentalis* and *Neoseiulus californicus* on different stages of the two-spotted spider mite, *Tetranychus urticae*

SESSION 3 – Potential of non-phytoseiid predators for biological control of pests

- Moderators:** Sebahat K. OZMAN-SULLIVAN and Dominiek VANGANSBEKE
- 16:40 – 17:00
OP13 *Robbe Maertens, Dominiek Vangansbeke, Marcus Duarte, Jonas Merckx, Heidi Debie, Elana De Roo, Stijn Bellinkx, Rob Moerkens, Juliette Pijnakker, Felix Wäckers*
Is there a place for iolinid predatory mites in biological control of pests and diseases?
- 17:00 – 17:20
OP14 *Rostislav Zemek, Jiunn Luh Tan*
***Anystis* spp. (Prostigmata: Anystidae): Versatile generalist predators with potential in biological control**
- 17:20 – 17:40
OP15 *J. Alexandra Sierra-Monroy, Tiara Monicha, Jacques A. Deere, Marta Montserrat, Arne Janssen*
A predatory soil mite as potential biological control agent of the invasive *Echinothrips americanus* and *Thrips parvispinus*
PhD. Competition
- 17:40 – 18:00
General Assembly: Convener Election & Venue Selection for the Next Meeting

18:00 – 19:00

POSTER SESSION

(Y Block, Yaşar University Campus)

- PP1 Berna Kaymak Kara, Selime Ölmez Bayhan
Potential of *Neoseiulus barkeri* in the biological control of *Tetranychus urticae*
- PP2 Ismail M. Abdirahman, Cengiz Kazak
PhD. Competition **Influence of temperature and humidity on the life table parameters of the Citrus brown mite *Eutetranychus orientalis* (Klein) (Prostigmata: Tetranychidae)**
- PP3 Sophie Le Hesran, Denise Sewkaransing, Nathan Koedijk, Ada Leman
Predatory mites and leaf surfaces
- PP4 Ismail Döker, Robin, Anna Jose, Paramjit Kaur, Channegowda Chinnamade Gowda, Manmeet Brar Bhullar
Too many names, too little clarity: the first step toward resolving *Euseius* (Mesostigmata. Phytoseiidae) chaos by synonymizing 18 species from the Oriental region
- PP5 İpek Yaşar, Parisa Lotfollahi, Arash Honarmand, İsmail Kasap
PhD. Competition **Nine new Eriophyoidea (Acari: Trombidiformes) records from Türkiye**
- PP6 Irena Medjo, Ismail Döker, Hatice Yavaş, M. Mete Karaca, Kamil Karut, Cengiz Kazak
Friend or foe? The hidden threat of “reduced-risk” pesticides to *Euseius scutalis* (Athias-Henriot) (Parasitiformes: Phytoseiidae)
- PP7 Zehra Avcioğlu, Recep Ay
Comparative toxicity of dimpropyridaz on *Tetranychus urticae* Koch (Acari: Tetranychidae) and *Phytoseiulus persimilis* Athias-Henriot (Acari: Phytoseiidae)
- PP8 Dejan Marčić, Ismail Döker, Cengiz Kazak
Spinosaurs as acaricides: contrasting results to consider
- PP9 Alihan Emre ARI, Ramazan AKTÜRK, Arif MERMER, Sibel YORULMAZ
Acaricidal activities of new potential oxadiazole derivatives on *Tetranychus urticae* Koch (Prostigmata:Tetranychidae)
- PP10 Stanislav Trdan, Farid Faraji, Jeno Kotschan, Tanja Bohinc
First results of systematic sampling of soil predatory mites in Slovenia
- PP11 Berna Kaymak Kara, Selime Ölmez Bayhan
Population density of *Tetranychus urticae* and its predators in eggplant fields in Diyarbakır, Türkiye
- PP12 Octavio C. Rossetti, Walter S. de Araújo, Rodrigo D. Daud
PhD. Competition **Ecological patterns and biome-specific associations of plant-inhabiting mite communities (Arachnida: Acariformes, Parasitiformes) in Brazilian biomes**
- PP13 Berna Kaymak Kara, Selime Ölmez Bayhan, Sultan Çobanoğlu
Diversity of mite species in vegetable-growing areas of Diyarbakır, Elazığ, and Muş Provinces, Türkiye
- PP14 Angelos Bechtsoudis, Maria L. Pappas, Konstantinos Samaras, George D. Broufas
Effectiveness of the indigenous predatory mite *Amblyseius andersoni* in suppressing tomato pests under laboratory conditions

Wednesday, September 10th

(Y Block, Yaşar University Campus)

SESSION 4 – Ecological complexities and integrated mite management strategies

Moderators: Sauro SIMONI and Norihide HINOMOTO

- 09:00 – 09:20
OP16 Sauro Simoni, Sabrina Bertin, Anna Sybilska, Franca Tarchi, Donatella Goggioli, Anna Taglienti, Marta Luigi, Davide Luison, Francesco Faggioli, Antonio Tiberini, Mariusz Lewandowski
Epidemiological crossroads: Tomato russet mite, ToFBV, and the escalating stakes for integrated pest and disease management in tomato cropping systems
- 09:20 – 09:40
OP17 Maria L. Pappas, Ioanna Maria Katsimiga, Evangelia Karakosta, George D. Broufas, Anastasia Tsagkarakou
Evaluating different tomato cultivars for their effects on mite pests of tomato
- 09:40 – 10:00
OP18 Ismail Döker, Hatice Yavaş, M. Mete Karaca, Kamil Karut, Cengiz Kazak
Interactions between *Amblyseius swirskii* and *Euseius scutalis* co-occurring in citrus ecosystems of the eastern Mediterranean region, Türkiye
- 10:00 – 10:20
OP19 Mustafa Altintas, Peter Schausberger
Sex-specific parental intraguild predation risk affects daughters’ boldness in predatory mites
- 10:20 – 10:40
OP20 Ioannis Bakirtzis, Anastasia Pantelidou, Konstantinos Samaras, George D. Broufas, Maria L. Pappas
PhD. Competition
Assessing resistance to pirimicarb in different populations of *Euseius finlandicus* from Greece
- 10:40 – 11:10
COFFEE BREAK
- 11:10 – 11:30
OP21 Elias Böckmann
Physical barriers limiting *Aculops lycopersici* (Tyron) population growth on tomato
- 11:30 – 11:50
OP22 Angelos Bechtsoudis, Anastasia Pantelidou, Ioannis Bakirtzis, Maria L. Pappas, George D. Broufas
PhD. Competition
Laboratory selection for improved tomato compatibility in phytoseiids
- 11:50 – 12:10
OP23 Anastasia Pantelidou, Ioannis Bakirtzis, George D. Broufas, Maria L. Pappas
PhD. Competition
Compatibility of commercial tomato cultivars with the predatory mite *Phytoseiulus persimilis*
- 12:10 – 12:30
OP24 Anne Muola, Annette Folkedal Schjøll, Belachew Asalf Tadesse
Interactions between bulb mites (*Rhizoglyphus* sp.) and *Fusarium oxysporum* f. sp. *cepae* in Norway
- 12:30 – 12:50
OP25 Bilal Saeed Khan, Muhammad Aneeb Shahzad, Zahid Mahmood Sarwar
An integrated management approach against *T. urticae* (Prostigmata: Tetranychidae) through aqueous extracts of some botanicals and a predator, *Neoseiulus barkeri* (Mesostigmata: Phytoseiidae) in laboratory
- 12:50 – 14:00
LUNCH

SESSION 5 – Faunistic studies regarding pests and their predators

Moderators: Ismail KASAP and Elias BÖCKMANN

- 14:00 – 14:20
OP26 *Irena Mavrič Pleško, Barbara Grubar, Aljoša Beber, Nika Krivec, Eva Kovačec, Janja Lamovšek*
Progress in molecular identification of eriophyoid mites for the purpose of virus vector identification in Slovenia
- 14:20 – 14:40
OP27 *Ibrahim Cakmak, Fatma Pamuk, Ismail Döker, Alireza Saboori*
Differences in mite species composition and populations between short-day and neutral-day strawberry cultivars
- 14:40 – 15:00
OP28 *Vladimir D. Gankevich, Philipp E. Chetverikov*
PhD. Competition **Retesting *Cecidophyinae* (Eriophyoidea) monophyly using comparative mitogenomics reveals chaos in gall mite GenBank sequences**
- 15:00 – 15:20
OP29 *Esma Kaplan, Andrzej Kazmierski, Ismail Döker, Sebahat K. Ozman-Sullivan*
PhD. Competition **Predatory mite species on pistachio trees in Türkiye**
- 15:20 – 15:40
OP30 *İpek Yaşar, Ismail Döker, Şahin Kök, İsmail Kasap*
PhD. Competition **Phytoseiidae (Parasitiformes: Mesostigmata) mites associated with Eriophyoidea (Trombidiformes: Prostigmata) species in Kaz Dağları (Mount Ida), Türkiye**
- 15:40 – 16:00
OP31 *Ivana Marić, Irena Međo, Luka Stojanović, Ismail Döker, Edward A. Ueckermann*
Spider mites (Prostigmata: Tetranychidae) from Serbia: review and recent reports
- 16:00 – 16:30 **COFFEE BREAK**

SESSION 6 – Impacts of climate change on mites

Moderators: Dejan MARČIĆ and Markus KNAPP

- 16:30 – 16:50
OP32 *Andreas Walzer, Larissa Bailhache*
Are climate warming- or management effects responsible for the low diversity of predatory mites in commercially used apple orchards?
- 16:50 – 17:10
OP33 *Chenhao Wang, Minori Sekiguchi, Norihide Hinomoto*
PhD. Competition **When it gets hot, who's on the menu? Impact of temperature on prey preference in *Amblyseius andersoni* (Acari: Phytoseiidae)**
- 17:10 – 17:30
OP34 *Ivana Marić, Irena Međo, Luka Stojanović, Edward A. Ueckermann, Ismail Döker*
Unexpected occurrence, spread and domination of citrus red mite *Panonychus citri* McGregor (Prostigmata: Tetranychidae), in apple orchards in Serbia
- 17:30 – 17:50
OP35 *Octavio C. Rossetti, Maria Victória Cordeiro Gama, Giovanna Cavalcante Mendes, Rodrigo D. Daud*
PhD. Competition **Influence of native vegetation loss and fragmentation on mite diversity in soybean crops**
- 17:50 – 18:00 **CLOSING SESSION**
- 19:00 – 23:00 **GALA DINNER (Rakısal Restaurant, Küçükpark, Bornova)**

Thursday, September 11th

Excursion

09:00	Departure (Meeting point Yaşar University, C Gate)
10:00 – 11:30	Guided tour to Uzbas Arboretum
11:30 – 13:00	Guided wine tasting in Urla Winery
13:00 – 14:30	LUNCH (Polima Museum Restaurant)
14:30 – 17:00	Guided tour to Köstem Olive Oil Museum
17:30	Departure to Izmir
19:00	Arrival