

PROGRAMME

15th CASEE Conference *„Green Transitions in Agriculture, Forestry, Veterinary Medicine and Food Systems Under a Changing Climate“*

**25-27 June 2025.
Novi Sad, Serbia**

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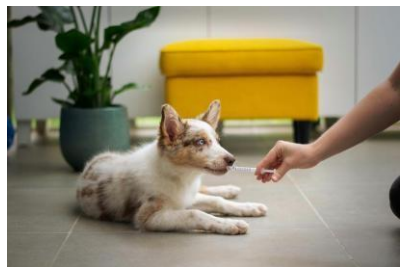
Dear Conference Participants,

**Welcome to the 15th CASEE
Conference in Novi Sad!**

It is our great pleasure to welcome you to “*Green Transitions in Agriculture, Forestry, Veterinary Medicine and Food Systems Under a Changing Climate*”, held in the beautiful city of Novi Sad. We are honored to host such a diverse and inspiring group of professionals, researchers, and experts from around the world.

Novi Sad, known for its rich cultural heritage, vibrant atmosphere, and warm hospitality, provides the perfect setting for fruitful discussions, knowledge exchange, and new collaborations. We hope you take the opportunity not only to engage with the conference program but also to explore and enjoy everything our city has to offer.

Thank you for being a part of this event. We wish you a successful and memorable conference experience!



WEDNESDAY, JUNE 25th

12:15-14:15	Registration of participants and poster placement on designated boards
14:15-14:30	Official opening of the conference
14:30-15:00	Keynote presentation: Samantha Wisely, University of Florida, United States of America; Planning for emerging pathogens of veterinary importance in Central and South Eastern Europe
15:00-16:10	Session: Fostering environmental safety and resilience through climate adaptation
15:00-15:10	Adam Nawrocki, Warsaw University of Life Sciences, Centre for Climate Research, Poland; Herbaceous plants on earth berms as an effective biofilter of particulate matter and trace elements
15:10-15:20	Faisal Anggi Pradita, Warsaw University of Life Sciences, Institute of Agriculture, Poland; Variations in plant resistance to drought are associated with plant functional group and soil substrates
15:20-15:30	Jasna Grabić, University of Novi Sad, Faculty of Agriculture, Serbia; Nature-based solutions in climate adaptation as a holistic response to environmental and societal challenges in Vojvodina Province, Serbia
15:30-15:40	Nađa Kukić, University of Novi Sad, Faculty of Agriculture, Serbia; Induced and residual egg sterility of the Asian tiger mosquito achieved by sterile insect technique

15:40-15:50	Ioana Mihaela Mihălcioiu, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Faculty of Horticulture, Romania; The current research status on pawpaw (<i>Asimina triloba</i> L. Dunal) under the climatic conditions of Bucharest, Romania
15:50-16:10	Discussion
16:10-17:00	Coffee break & POSTER SESSIONS
17:00-17:45	Session: Frontiers in animal science and veterinary medicine
17:00-17:10	Katarina Pajić, University of Novi Sad, Faculty of Agriculture, Serbia; Emerging challenges in milk safety due to mycotoxin contamination: control strategies and regulatory perspectives
17:10-17:20	Miroslav Urošević, University of Novi Sad, Faculty of Agriculture, Serbia; The preliminary results of the first survey about fish welfare status on selected rainbow trout farms in Bosnia and Herzegovina
17:20-17:30	Zorana Kovačević, University of Novi Sad, Faculty of Agriculture, Serbia; Antimicrobial stewardship in veterinary medicine: Collaborative initiatives from international guidelines to cost-benefit analysis in practice
17:30-17:45	Discussion
17:45-18:45	CASEE Board meeting (upon invitation only)

THURSDAY, JUNE 26th

08:30-09:30	Registration of participants
09:30-10:00	Keynote presentation: Branko Ćupina, University of Novi Sad, Faculty of Agriculture, Serbia; Challenges in research and education in agriculture and life science
10:00-10:30	Keynote presentation: Irena Benešová, Czech University of Life Sciences, Czechia; Green transitions: economic impacts and gender equity in sustainable agriculture
10:30-10:45	Discussion
10:45-11:30	Coffee break & POSTER SESSION & GROUP PHOTO SAY CASEE!
11:30-16:15	Session: Sustainable land use: innovative agriculture, landscape planning and forestry
11:30-11:40	Karel Jílek, Czech University of Life Sciences, Czechia; Owning the past: power & sustainable heritage in the Czech borderland
11:40-11:50	Marko Vinceković, University of Zagreb, Faculty of Agriculture, Croatia; Encapsulation of <i>Bradyrhizobium</i> and <i>Trichoderma harzianum</i> T1: boosting nitrogen levels in soybean
11:50-12:00	Luka Brezinščak, University of Zagreb, Faculty of Agriculture, Croatia; Green manure as a sustainable solution: Analysing seasonal variability of soil physical properties and yield across different agricultural practices

12:00-12:10	Milena Lakićević, University of Novi Sad, Faculty of Agriculture, Serbia; Exploring endangered plant species in Montenegro using the 'redlist' package
12:10-12:20	Alexandru Bucur, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Faculty of Horticulture, Romania; Dynamics of proleptic and sylleptic shoot development at some new peach and nectarine cultivars under Vertical Axis and Trident canopies
12:20-12:30	Milena Marčić, University of Novi Sad, Faculty of Agriculture, Novi Sad, Serbia; Refining raw data into FAIR data for plant protection: A case study on codling moth (<i>Cydia pomonella</i> L.)
12:30-12:40	Călina P. Cornea, University of Agronomic Sciences and Veterinary Medicine of Bucharest, Romania; The process of composting – principles, methods and benefits
12:40-12:50	Simon Chidera Ugwoke, University of Novi Sad, Faculty of Agriculture, Serbia; Collaborative resource utilization of forage species in pure and mixed stands
12:50-13:00	Erinda Lika, Agricultural University of Tirana, Albania; Environmental Surveillance for Microbial Hazards: Lessons from AMR Monitoring in Albania
13:00-13:10	Discussion

13:10-14:00	Lunch & Networking
14:00-14:10	Ana Firanj Sremac, University of Novi Sad, Faculty of Agriculture, Serbia; Assessing growing season dynamics in Serbia: integrating ground observations and satellite data
14:10-14:20	Branislava Lalić, University of Novi Sad, Faculty of Agriculture, Serbia; Physics-informed and biology-informed neural networks in precision farming — possible avenues for application
14:20-14:30	Jakub Slávik, Czech University of Life Sciences Prague, Faculty of economics and management, Czechia; Policy challenges for agroforestry implementation in Czech republic in comparison with Europe
14:30-14:40	Filip Vasić, University of Novi Sad, Faculty of Agriculture, Serbia; Application of drones with multispectral cameras for sustainable agriculture
14:40-14:50	Shanika Gajanayke, University of Novi Sad, Faculty of Agriculture, Serbia; Regenerative agriculture practices in Martonoš: enhancing soil health and microbial activity
14:50-15:00	Discussion
15:00-15:45	Coffee break & POSTER SESSION
15:45-15:55	Lazar Turšijan, University of Novi Sad, Faculty of Agriculture, Serbia; Remote crop monitoring and the application of twin-nozzles in wheat protection

15:55-16:05	Vladimir Višacki, University of Novi Sad, Institute of Lowland Forestry and Environment, Serbia; Assessing the dynamics of urban green spaces using remote sensing techniques
16:05-16:15	Discussion
20:00	OFFICIAL GALA DINNER (for participants who confirmed attendance)

FRIDAY, JUNE 27th

08:30-09:00	Registration of participants
09:00-10:30	Session: Future-ready food systems: safety, sustainability and quality
09:00-09:10	Nenad Magazin, University of Novi Sad, Faculty of Agriculture, Serbia; Integrating digital agriculture in higher education – TALLHEDA project story
09:10-09:20	Tin Frida, Vesela Motika LLC, Croatia; Optimizing led lighting spectrum for enhanced phytochemical composition of broccoli microgreens
09:20-09:30	Kristina Kljak, University of Zagreb Faculty of Agriculture, Croatia; Nutritional value of grass biomass produced in olive orchards under different soil management in Mediterranean
09:30-09:40	Tatjana Dudaš, University of Novi Sad, Faculty of Agriculture, Serbia; Screening the epiphytic yeast communities for sustainable biocontrol of apple blue mold
09:40-09:50	Srđan Šeremešić, University of Novi Sad, Faculty of Agriculture, Serbia; Agri-food value chains with intercropping technology - challenges and perspectives
09:50-10:00	Tamara Popović, University of Novi Sad, BioSense Institute Serbia; Efficacy of <i>Trichogramma brassicae</i> for control of European corn borer applied via unmanned aerial vehicle

10:00-10:15	Discussion
10:15-11:00	Coffee break & POSTER SESSIONS
11:00-11:40	Session: Unlocking potential of (bio)renewable resources
11:00-11:10	Jelena Ećimović, University of Novi Sad, Faculty of Agriculture, Serbia; Extraction of chitosan from alternative sources and its role in plant protection
11:10-11:20	Aleksandra Šušnjar, University of Novi Sad, Faculty of Agriculture, Serbia; Resveratrol in grapes: comparing the impact of two production systems
11:20-11:30	Discussion
11:30-11:40	Vivogen doo company – Sponsor presentation
11:00-12:00	CASEE General Assembly (upon invitation only)
11:40-14:00	Lunch
14:00	Departure to Petrovaradin fortress (excursion)

POSTER SESSIONS

Poster IDs indicate poster place on designated board

All poster presenters are expected to be by their posters at each poster session

Poster title	Authors	ID
Pre-harvest foliar calcium application as a strategy for improving apricot fruit quality	Maja Milović, Nenad Magazin, Žarko Kevrešan, Biserka Milić, Jelena Kalajdžić, Gordana Barać, Jovica Gošić	P1.1
Estimation of evapotranspiration using artificial neural networks	Milica Stajić, Boško Blagojević, Atila Bezdan, Sanja Antić, Jovana Bezdan, Dejan Mirčetić	P1.2
Assessment of waterlogging hazard in agricultural areas of the Vojvodina region, Serbia	Atila Bezdan, Jovana Bezdan, Boško Blagojević, Andrea Salvai, Nikola Santrač, Sanja Antić, Milica Stajić	P1.3
Application of GIS and AHP for selecting constructed wetland locations: case study of Vojvodina Province, Serbia	Sanja Antić, Boško Blagojević, Jovana Bezdan, Milica Stajić	P1.4
Approaches in mitigating climate changes in the region of Pannonian Biogeographical Area – ClimaPannonia	Velimir Mladenov	P1.5
Black locust (<i>Robinia pseudoacacia</i> L.) on farmsteads: invasive threat or functional resource?	Sara Đorđević, Jelena Čukanović, Lazar Pavlović, Radenka Kolarov, Olivera Kalozi, Saša Orlović	P1.6
Improving germination and seedling growth of <i>Ocimum basilicum</i> using bacterial biostimulators	Dragana Stamenov, Simonida Đurić, Timea Hajnal Jafari	P1.7
Bacterial seed priming enhance germination and initial seedling growth of <i>Salvia sclarea</i>	Dragana Stamenov, Dino Hasanagić, Ružica Ždero Pavlović, Timea Hajnal Jafari, Simonida Đurić	P1.8
Green invaders: understanding and addressing the opportunities and challenges of predominant wooden plant species in Serbian urban landscapes	Radenka Kolarov, Dejan Prvulović, Jelena Čukanović, Sara Đorđević, Mirjana Ocokoljić, Đorđe Malenčić	P1.9
Cereal crop responses to abiotic stress: from gene expression to yield stability	Borislav Banjac, Sofija Petrović, Teodora Feher, Mirela Matković Stojšin, Rada Šućur, Milana Čurčić, Velimir Mladenov	P1.10
The impact of bioregulators on the fruit detachment force and fruit quality of sour cherry	Stefan Gligorić, Biserka Milić, Zoran Keserović, Nenad Magazin, Maja Milović, Jelena Kalajdžić, Gordana Barać	P1.11
Germination and seed quality traits in five crops: Insights from multivariate analysis	Teodora Feher, Sofija Petrović, Borislav Banjac, Velimir Mladenov, Rada Šućur, Milana Čurčić	P1.12

Morphological characterization of terrestrial orchids for breeding purposes: application in sustainable horticulture	Jovana Ostojić, Tijana Narandžić, Milica Grubač, Magdalena Pušić Devai, Mirjana Ljubojević	P1.13
Vegetative and reproductive growth of the invasive species <i>Koeleria paniculata</i> Laxm. in public green spaces	Magdalena Pušić Devai, Mirjana Ljubojević, Jovana Ostojić, Milica Grubač, Jelena Čukanović, Tijana Narandžić	P1.14
Soil physical properties in pea-wheat intercropping	Ksenija Mačkić, Đorđe Krstić, Svetlana Vujić, Srđan Šeremešić, Velimir Mladenov, Bojan Vojnov, Elena Antunić, Branko Čupina	P1.15
Usage of multispectral imaging for early detection of hazelnut powdery mildew	Miljan Miljanović, Aleksandar Sedlar, Mila Grahovac, Nenad Magazin, Marta Loc, Filip Vasić, Lazar Turšijan	P1.16
Urban lawns in Podbara neighborhood, a district of Novi Sad: challenges and opportunities for environment improvement	Ivana Sentić, Svetlana Vujić	P1.17
Potential of existing green roofs in Novi Sad	Anastasija Vujović, Lazar Pavlović, Ksenija Hiel, Jelena Čukanović, Milica Grubač	P1.18
Tree species selection for resilient and sustainable green infrastructure in Novi Sad, Serbia	Lazar Pavlović, Vanja Vuksanović, Jelena Čukanović, Mirjana Ljubojević, Vladimir Čirić, Olivera Kalozi, Sara Đorđević	P1.19
Impact of a supercell storm on the plant material of the University park in Novi Sad, Serbia	Ljiljana Marić, Lazar Pavlović, Emina Mladenović, Vanja Vuksanović, Olivera Kalozi, Veljko Senić, Svetlana Manić	P1.20
Anatomical response of <i>Tagetes erecta</i> L. to drought and high insolation in urban environments: the role of substrate depth and biostimulants	Milica Grubač, Mirjana Ljubojević, Tijana Narandžić, Magdalena Pušić Devai, Jovana Ostojić, Anastasija Vujović	P1.21
Using soil legacy data for the assessment of regional nutrient distribution as a fundamental for soil management and fertilizer distribution	Vladimir Čirić, Pavel Benka, Dragana Marinković	P1.22
The process of composting – principles, methods, benefits and common objections	Costin Manea-Banica, Ana Cornelia Butcaru, Calina Petruta Cornea	P1.23
Advancing green transitions in biofuel production through early-phase LCA and S-LCA	Maja Radišić, Sunčica Vasiljević, Marina Arnaut-Stefanović, Gordana Racić, Olivera Stojilović Trivunić, Mladen Radišić	P2.1
Total phenolic, flavonoid, and anthocyanin content in <i>Rubus idaeus</i> pomace	Sara Hourani, Ružica Ždero Pavlović, Boris Popović	P2.2
Evaluation of growth dynamics of three soil microalgae	Vladimira Žunić, Dragana Stamenov, Simonida Đurić	P2.3

An underexplored source of bioactive compounds: a case of <i>Prunus</i> by-products	Milica Petković, Tatjana Jurić, Boris Popović	P2.4
Effect of co-inoculation of <i>Bradyrhizobium</i> and <i>Trichoderma harzianum</i> T1 on growth and development of soybean (<i>Glycine max</i> L.): boosting of nitrogen content in soybean by encapsulation technique	Lana Živković, Sanja Kajić, Boris Lazerević, Petra Borovec, Adrijana Novak, Botagoz Mutaliyeva and Marko Vinceković	P3.1
Efficiency of insecticides based on cyantraniliprole and formetanate-hydrochloride in the control of thrips species in pepper production in Serbia	Milica Meseldžija, Antonije Žunić, Dobrila Radić, Jozef Gašparovski, Aleksandra Konjević, Dragana Budakov, Slavica Vuković	P3.2
Exploring <i>Leuconostoc citreum</i> DSM5577 sourdough as a natural approach to sugar reduction in muffins	Maria-Florina Roșca, Simona Maria Man, Maria Simona Chiș, Carmen Rodica Pop, Andreea Pușcaș, Laura Stan, Floricuța Ranga, Dorina Simedru, Vlad Mureșan, Adriana Păucean	P3.3
Control of the European grapevine moth (<i>Lobesia botrana</i>) on grapevine using deltamethrin	Antonije Žunić, Slavica Vuković, Dragana Šunjka, Sanja Lazić, Miloš Petrović, Nikola Laćarac, Jelena Ećimović, Aleksandra Šušnjar	P3.4
Genomic insights and functional characterization of novel antimicrobial compounds from food-origin strains of lactic acid bacteria	Marcelina Karbowiak, Michał Wójcicki, Jae-Eun Hyun, Piotr Szymański, Yan -Dong Niu, Dorota Zielińska	P3.5
Precision food	Bojana Blagojević	P3.6
Water footprint labelling could empower food consumers to make water-conscious decisions	David John Okoronkwo, Simon Chidera Ugwoke, Zorica Srđević	P3.7
Study on the microbial abundance in figs pickled in vinegar	Emilia Moisesescu and Oana Boiu Siciua	P3.8
Impact of <i>Aspergillus awamori</i> strain on distillery byproducts polyphenols and antioxidant activity amount	Gina-Maria Cucuiet, Adrian Gheorghe Martău, Dan Cristian Vodnar, Floricuța Ranga, Adriana Păucean, Răzvan Odocheanu, Maria-Simona Chiș	P3.9
Reaction of sugar beet genotypes to <i>Macrophomina phaseolina</i>	Dobrila Radić, Milica Meseldžija, Teodora Mihaljfi, Jozef Gašparovski, Mladen Petreš, Dragana Budakov, Vera Stojšin	P3.10
Effectiveness of <i>Bacillus subtilis</i> BS10 strain in the control of postharvest apple fruit rot	Aleksandra Janković, Mladen Petreš, Dragana Budakov, Mila Grahovac, Marta Loc, Tatjana Dudaš, Vera Stojšin	P3.11
The effect of extraction solvent on phenolic content and antioxidant capacity of thyme (<i>Thymus vulgaris</i> L.)	Marijana Peić Tukuljac, Dejan Prvulović, Sonja Gvozdenac	P3.12



Potential of beneficial yeast strains against phytopathogenic <i>Fusarium</i> isolates originating from onion bulbs	Jozef Gašparovski, Mila Grahovac, Tatjana Dudaš, Dobrila Radić, Milica Meseldžija, Dragana Budakov, Marta Loc	P3.13
<i>Lactobacillus</i> spp. biocontrol potential against powdery mildew on zucchini	Snežana Rajkov, Simone Sello, Cristina Sudiro, Francesco Vuolo, Mila Grahovac, Dragana Budakov, Marta Loc	P3.14
Effect of rapid aging procedure on the quality of Romanian pear brandy	Petruț-Cristian Balaș, Elena Mudura, Carmen Rodica Pop, Alina Maria Truța, Corina Maria Șutea, Ioana Macea, Mariana Mărginean, Teodora Emilia Coldea	P3.15
Sodium deoxycholate treatment influences oxidative stress in sunflower inoculated with <i>Sclerotinia sclerotiorum</i>	Marina Crnković, Jovana Šućur Elez, Mila Grahovac, Marta Loc, Dragana Budakov, Suzana Jovanović-Šanta	P3.16
Postharvest essential oils treatment: impact on the antioxidant potential of apple fruit	Jelena Vukotić, Marijana Peić Tukuljac, Vera Stojšin, Dejan Prvulović, Jelena Kalajdžić, Biserka Milić, Mila Grahovac, Brankica Pešić	P3.17
The effect of 6-benzyladenine and gibberellin acids on the fruit quality of plum after harvest and fruit storage	Gordana Barać, Nenad Magazin, Žarko Kevrešan, Jasna Mastilović, Biserka Milić, Jelena Kalajdžić, Maja Milović and Aleksandra Bajić	P3.18
Storage capabilities of novel apple (<i>Malus × domestica</i> Borkh.) cultivars	Goran Barać, Maja Milović, Jelena Kalajdžić, Nenad Magazin	P3.19
Sustainable and nutritional potential of insect- based protein bars	Zsolt Matyas, Loredana F. Leopold	P3.20
Advancing sustainable and resilient European livestock farming through innovative livestock production systems	Milica Kovač, Maja Radišić, Olivera Stojilović Trivunić, Mladen Radišić	P3.21
Effects of biocontrol on <i>Alternaria</i> apple fruit rot	Aleksandra Delić, Tatjana Dudaš, Milica Meseldžija, Dobrila Kovačević, Teodora Mihalji, Dragana Budakov, Vera Stojšin	P3.22
Emerging technologies applied in the mead production in order to enhance its sensory and volatile profiles	Ioana Susana Macea, Elena Mudura, Carmen Rodica Pop, Corina Maria Șutea, Mariana Alexandru, Petruț-Cristian Balaș, Teodora Emilia Coldea	P3.23
<i>Akebia</i> , <i>Schisandra</i> and <i>Diospyros</i> , species with rich nutraceutical values	Emanuela Diana Lorentz (Crintea), Ana Cornelia Butcaru, Cosmin Alexandru Mihai, Florin Stănică	P3.24
Spatial risk assessment of land salinization in the Bačka Region using GIS and PAPRIKA method	Boško Blagojević, Radoš Zemunac, Nikola Santrač, Sanja Antić, Amela Greksa, Milica Stajić	P4.1
Variability of morphological characteristics of <i>Rosa rugosa</i> Thunb. populations under different light conditions in urban environment	Jelena Čukanović, Mirjana Ljubojević, Sara Đorđević, Radenka Kolarov, Magdalena Pušić Devai, Djurdja Petrov, Mirjana Ocokoljić	P4.2

Microplastic-induced behavioral changes in <i>Eisenia fetida</i> adults (Oligochaeta: Lumbricidae): a six-chamber avoidance assay	Aleksandra Petrović, Vojislava Bursić, Ivana Ivanović, Ana Lazić, Dušan Marinković, Dejan Prvulović, Aleksandra Tubić	P4.3
Repellent efficacy of icaridin on adult <i>Ixodes ricinus</i> ticks (Acari: Ixodidae)	Ana Lazić, Aleksandra Petrović, Dušan Marinković, Ivana Ivanović, Aleksandra Popović, Jovana Šućur Elez, Dejan Supić	P4.4
Effects of spermidine seed priming on wheat germination and early seedling growth	Maria Gal, Milena Mandić, Rada Šućur, Velimir Mladenov, Bojana Blagojević	P4.5
How do imidazolium-based ionic liquids affect the growth and canopy temperature of tomatoes?	Marina Putnik-Delić, Ivana Maksimović, Milan Vraneš, Aleksandar Tot, Philipp Weihs	P4.6
Regulation and synergistic activity of heat-shock transcription factors in tomato heat stress response	Rada Šućur, Velimir Mladenov, Borislav Banjac, Teodora Feher, Milana Čurčić, Sotirios Fragkostefanakis	P4.7
Using satellite data to map water availability changes in Ramsar wetland water bodies	Senka Ždero and Zorica Srđević	P4.8
The challenges of using drones to estimate red deer (<i>Cervus elaphus</i>) population density in Serbia	Miroslav Urošević, Jovan Mirceta, Samantha Wisely, Dejan Beuković	P5.1
Chemical composition and antimicrobial potential of <i>Mentha x piperita</i> L. and <i>Origanum vulgare</i> L. essential oils against bovine mastitis pathogens	Dragana Tomanić, Ljubiša Šarić, Ivana Čabarkapa, Olja Todorić, Miodrag Radinović, Jovan Stanojević, Zorana Kovačević	P5.2
Influence of low temperatures on physiological indices in rabbits	Ion Balan, Mihail Moroz, Dmitrii Matencu, Elena Ceban, Valeriu Cociu, Nicolae Starciuc, Eugen Voinitchi, Viorica Gurdis	P5.3
Superfecundation and superfetation in dogs and cats — phenomena, questions and storylines	Ivan Galić, Ivan Stančić, Jovan Spasojević, Ivan Butković, Vuk Vračar and Zorana Kovačević	P5.4
Digestibility of yellow mealworm fed two different diets using lignin as a digestibility marker	Marko Vukadinović, Miroslava Polovinski Horvatović, Miloš Petrović, Nikola Lačarac, Saša Krstović, Dejan Beuković, Aleksandra Popović, Igor Jajić	P5.5
Ligamentous structure of the hip joint in the dogs	Dumitriu Antonina, Moroz Mihail, Didoruc Sergiu, Mațencu Dmitrii	P5.6
Influence of broiler strains on bone quality	Sava Spiridonović, Lidija Perić, Mirjana Đukić Stojčić, Dragan Žikić, Slobodan Stojanović, Dragoljub Marić	P5.7

Comparative assessment of largemouth bass and gibel carp as biomarkers of heavy metal accumulation	Marko Damjanović, Darko Guljaš, Miroslava Polovinski-Horvatović, Borislav Ilić, Saša Krstović, Marko Vukadinović, Kristijan Cokoski, Dejan Beuković	P5.8
Determination of lead and mercury concentrations in wild boar tissues in the Kichevo-Brod hunting area (North Macedonia)	Kristijan Cokoski, Miroslava Polovinski-Horvatović, Dejan Beuković, Vladimir Maletić, Marko Vukadinović, Elizabeta Dimitrieska-Stojkovic, Vangelica Enimiteva	P5.9
Estimation of energy value of maize silage from Vojvodina Province using two different methods	Marko Vukosav, Mirko Ivković, Igor Jajić, Dragan Glamočić	P5.10
Manganese supplementation of dairy cows in the Republic of Serbia in light of new nutritional recommendations	Marko Vukosav, Mirko Ivković, Ivan Pihler, Igor Jajić	P5.11
Two-year survey on the occurrence of aflatoxin M1 in milk on the territory of AP Vojvodina	Konstantin Nikolić, Marko Damjanović, Darko Guljaš, Borislav Ilić, Igor Jajić, Saša Krstović	P5.12
Influence of litter type on leg muscle fiber diameter of broiler chickens	Dragoljub Marić, Slobodan Stojanović, Dragan Žikić, Lidija Perić, Mirjana Đukić Stojčić, Sava Spiridonović	P5.13
The impact of industrial farming on biodiversity in the Republic of Serbia	Jovana Grba Ilić, Saša Dragin, Tamara Papović, Željka Jurakić	P5.14
Effect of mastitis on hematological parameters in dairy cows	Jovan Stanojević, Miodrag Radinović, Marko Cincović, Zorana Kovačević, Mihajlo Erdeljan, Tijana Kukurić	P5.15
White grape marc extract with diverse and high polyphenolic content as a potential beneficial feed additive in animal husbandry	Md Affan Parwez, Tibor Kereszteny, Corral Orbe Mishell Stephanya	P5.16
Circular food production in urban and peri-urban areas: catalyzing innovation and strengthening the bioeconomy	Maja Radišić, Olivera Stojilović Trivunić, Kristina Savić, Mladen Radišić, Dragana Novaković, Dragan Milić	P6.1

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