

## PRELIMINARY PROGRAM

Rectorate, Studentski trg 1, 11000 Belgrade

Poster session: I\_PP1 –IX\_PP5

Poster  
number

07.09.2022 / 15,50-16,40 h

- I\_PP1** Sofija Kilibarda, Marina P. Mačukanović-Jocić, Danijel D. Milinčić, Sandra Vuković, Snežana Jarić, Aleksandar Ž. Kostić  
**Phytochemical analysis of *Cicerbita pancicii* (Vis.) Beauverd-the Balkan's endemic plant**
- I\_PP2** Aleksandra Milenković, Ljiljana Stanojević, Zoran Ilić, Lidija Milenković, Ljubomir Šunić, Jelena Stanojević, Dragan Cvetković  
**Essential oil composition and antioxidant activity from different plant part of wild fennel (*Foeniculum vulgare* Mill.) growing in Montenegro sea-side**
- I\_PP3** Nadezhda Petkova, Tatyana Bileva, Manol Ognyanov, Magdalena Stoyanova, Dasha Mihaylova, Ekaterina Valcheva, Neli Grozeva, Vladislav Popov  
**Nutritional characteristics and physico-chemical quality of Florina apple fruits**
- I\_PP4** Dasha Mihaylova, Aneta Popova, Ivayla Dincheva  
**Pattern recognition of varieties of peach fruit and pulp from their volatile components using HS-SPME-GC/MS combined with multivariable statistical analysis**
- I\_PP5** Mina Janković, Sanja Berežni, Dejan Orčić  
**Isolation and identification of lignan and phenylpropanoid esters from wild chervil (*Anthriscus sylvestris* (L.) Hoffm.)**
- I\_PP6** Maria Inês Dias, Carla Pereira, Carly Albiston, José Pinela, Lillian Barros  
**HPLC-DAD-ESI/MS profiling of phytochemicals in *Aesculus hippocastanum* fruit**
- I\_PP7** Maria Inês Dias, José Pinela, Carla Pereira, Patrícia Ferreira, Maria de Fátima Oliveira, Anabela Martins, Andreia Afonso, Lillian Barros  
**Mycorrhization and micropropagation of chestnut (*Castanea sativa* Mill.) seedlings as tools to obtain high added-value phenolic compounds**
- I\_PP8** Slađana Žilić, Valentina Nikolić, Nada Ćujić Nikolić, Marijana Simić, Katarina Šavikin, Jelena Živković, Marko Vasić  
**Microencapsulation of anthocyanins from blue maize and their fate during *in vitro* gastrointestinal digestion**
- I\_PP9** Tijana Ilić, Stevan Samardžić, Gordana Zdunić, Dragana Božić, Mirjana Marčetić, Bojana Vidović  
**Screening of the phenolic composition and *in vitro* biological activities of the fruit of *Lycium ruthenicum* Murray**
- I\_PP10** Nemanja Živanović, Biljana Božanić Tanjga, Dejan Orčić, Mirjana Ljubojević, Marija Lesjak, Nataša Simin  
**Chemical characterization and antioxidant activity of new rose genotypes (*Rosa hybrida*)**

- I\_PP11 Nemanja Živanović, Dejan Orčić, Marija Lesjak, Nataša Simin, Neda Mimica-Dukić  
**Chemical characterization and antioxidant activity of hawthorn (*Crataegus* spp.)**
- II\_PP1 Ana Valenta Šobot, Jelena Filipović Tričković, Dunja Drakulić, Andreja Leskovac, Sandra Petrović, Tatjana Momić  
**Sweroside displays a cytotoxic effect by activating apoptosis in human peripheral blood mononuclear cells**
- II\_PP2 Nikolina Lisov, Danka Mitrović, Ivana Sredović Ignjatović, Aleksandar Petrović  
**Total phenolic content and antioxidant properties of fermented grape pomace of Cabernet Sauvignon grape variety**
- II\_PP3 Katarina Mitić, Bogdana Simonović, Irena Nikolić, Nebojša Đ. Pantelić  
**Total polyphenols and flavonoids content and antioxidant potential of methanolic extracts of different types of berries**
- II\_PP4 Andrea Pirkovic, Aleksandra Vilotic, Zanka Bojic Trbojevic, Dragana Dekanski, Milica Jovanovic Krivokuca  
**Effect of oleuropein on the expression of invasive markers and cell adhesion of HTR-8/SVneo extravillous trophoblast cells**
- II\_PP5 Andrea Pirkovic, Suncica Borožan, Marija Bruic, Milica Jovanovic Krivokuca, Biljana Spremo-Potparevic  
**Taxifolin protects HTR-8/SVneo extravillous trophoblast cells against H<sub>2</sub>O<sub>2</sub>-induced oxidative damage and improves antioxidant function**
- II\_PP6 Svetlana Bogdanović, Dobrila Randjelović, Ivana Zlatković, Dušica Ćirković, Dragana Stanisavljević  
**Antimicrobial activity of acacia honey, with and without additives, against selected pathogens**
- II\_PP7 Marija Ivanov, Tamara Carević, Marina Kostić, Ana Ćirić, Jovana Petrović, Jasmina Glamočlija, Marina Soković  
**Selected terpenoids as obstructers of *Candida* virulence**
- II\_PP8 Dragana Božić, Tijana Ilić, Mirjana Marčetić, Stevan Samardžić, Gordana Zdunić, Bojana Vidović  
***In vitro* assessment of the prebiotic potential of selected plant extracts**
- II\_PP9 Imad Ahmad, Abdul Saboor Pirzada, Khalaf F Alsharif, Maria Daglia, Haroon Khan  
***In silico* evaluation of 4-hydroxy isoleucine via ADMETLab 2.0: Therapeutic potential for clinical uses**
- III\_PP1 Sandra Vuković, Đorđe Moravčević, Dejana Marinković, Slavica Jelačić, Ana Vujošević, Sofija Kilibarda, Danijel D. Milinčić, Aleksandar Ž. Kostić  
**Antioxidant properties of cinnamon spice**
- III\_PP2 Jugoslav Trajković, Dragana Stanisavljević, Dušica Ćirković, Svetlana Bogdanović, Dobrila Randjelović, Dragan Veličković, Milić Vojinović  
**Chemical composition of the essential oil of *Thymus serpyllum* L.**
- III\_PP3 Ilija Cvijetić, Irena Brčić Karačonji, Andrea Jurić, Karlo Jurica, Dušanka Milojković-Opsenica  
***In silico* study of the tyrosinase inhibitory potential of arbutin and other bioactive compounds from strawberry tree**

- III\_PP4 Milica Jankov, Ilija Cvijetić, Dušanka Milojković-Opsenica  
**DFT study of the antioxidant activity of polyhydroxyflavones identified in houseleek leaf extracts**
- III\_PP5 Latifeh Pourakbar, Sina Siavash Moghaddam, Somayeh Maleki Kakelar  
**The antioxidant and antifungal activity of the extract, essential oil and AgNPs green synthesized of aqueous and methanolic extracts of *Origanum vulgare* L.**
- IV\_PP1 Mohammad Omar Faruque, Uddin Shaikh Bokhtear, Hu Xuebo  
**Demystifying Bangladeshi ethnomedicines with modern approaches: *Congea tomentosa* as a source of potential anti-microbial and anti-cancer agents**
- IV\_PP2 Noureddine Djebli, Hadjer Chenini-Bendiab  
**Neuroprotection of date (*Phoenix dactylifera* L.) extract from Algeria against Neurodegenerative disease - "Alzheimer's case"**
- IV\_PP3 Marija Ivanov, Jelena Božunović, Maria Inês Dias, Ricardo C. Calhelha, Lillian Barros, Isabel C.F.R. Ferreira, Dejan Stojković  
***Tripleurospermum inodorum* – mayweed without scent but with range of bioactivities**
- V\_PP1 Ana Valenta Šobot, Jelena Filipović Tričković, Andreja Leskovac, Sandra Petrović, Tatjana Momić  
**Nanotechnology approach for diminishing quercetin toxicity toward peripheral blood mononuclear cells**
- VI\_PP1 Masudulla Khan  
**Elucidating the role of mangiferin compound and silver nanoparticles (AgNPs) against plant pathogenic fungi *Phomopsis vexans***
- VI\_PP2 Svetlana Lakićević, Dušica Ćirković, Jelena Popović-Đorđević, Ivana Mošić, Miodrag Lazić  
**Microbiological characteristics of 'Prokupac' wine enriched with medicinal herbs**
- VI\_PP3 Monalisa Sahoo, S.P.L. Balasubramaniam, Balunkeswar Nayak, Vivek Kumar, SN Naik  
**Effect of processing on the antinutrients, antioxidant and techno-functional characteristics of five-leaf yam (*Dioscorea pentaphylla*)**
- VI\_PP4 Svetlana Bogdanović, Dobrila Randjelović, Ivana Zlatković, Zvonko Zlatanović, Milica Stojanović  
**Microbiological quality control of cheeses produced on farms in the territory of the city of Prokuplje**
- VI\_PP5 Dušica Ćirković, Svetlana Lakićević Zoran Jovanović, Ivana Zlatković, Bratislav Ćirković, Dobrila Randelović, Svetlana Bogdanović  
**Agrobiological traits of grape cultivar 'Tamjanika white' grown in Župa vine district**
- VI\_PP6 Monalisa Sahoo, Sushree Titikshya, Vivek Kumar, SN Naik  
**Antioxidant activities and structural functional characterization of bitter yam flour (*Dioscorea bulbifera*) as influenced by different drying techniques**

- VI\_PP7 Milica Fotirić Akšić, Biljana Rabrenović, Uroš Gašić, Tomislav Tosti, Dragana Dabić Zagorac, Maja Natić, Mekjell Meland  
**Is there a difference in the profile of the health promoting compounds in plum fruits and kernels grown under the organic and conventional production system?**
- VII\_PP1 Jovana Marković, Dragana Mihajlović, Pavle Mašković, Nebojša Banjac, Jelena Mašković, Evica Ivanović  
**Effect of different heat treatments on antioxidative activity in pumpkin (*Cucurbita maxima*)**
- VII\_PP2 Katarina Delić, Danijel Milinčić, Ana Salević, Mirjana Pešić, Viktor Nedović  
**Micro and nano-encapsulation of anthocyanins and its application in food technology**
- VII\_PP3 Aleksandar Ž. Kostić, Nebojša Nedić, Danijel D. Milinčić, Slađana P. Stanojević, Živoslav Lj. Tešić, Mirjana B. Pešić  
**Antioxidant properties of monofloral poppy, and bastard indigobush bee-collected pollen as potential functional food ingredient**
- VII\_PP4 Dobrića Randjelović, Svetlana Bogdanović, Ivana Zlatković, Zvonko Zlatanović, Dušica Ćirković, Dragana Stanisavljević  
**Microbiological quality control in fresh and dried apple fruit and testing of hydroxymethylfurfural (HMF) content**
- VII\_PP5 Dobrića Randjelović, Svetlana Bogdanović, Ivana Zlatković, Zvonko Zlatanović, Sanja Perić, Slađana Golubović  
**Analysis of anthocyanins content and microbiological quality control in fresh and frozen raspberry fruit**
- VII\_PP6 Valentina Nikolić, Slađana Žilić, Marijana Simić, Vesna Kandić, Dejan Dodig, Marko Vasić  
**Oat varieties with different hull colours as potential sources of phytochemicals for the food and feed industry**
- VII\_PP7 Marijana Simić, Valentina Nikolić, Vesna Kandić, Slađana Žilić, Marko Vasić, Dejan Dodig  
**Small cereal grains as a source of phytochemicals**
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**Content of fatty acids and theobromine in organic cocoa powder**
- VII\_PP9 Kosana Šobot, Ljiljana Popović, Alena Stupar, Vladimir Filipović, Milica Nićetin, Jovanka Laličić-Petronijević  
**The influence of the drying method on the preservation of bioactive compounds in the wild garlic (*Allium ursinum* L.) leaves as a functional ingredient incorporated in cookies**
- VIII\_PP1 Custódio Lobo Roriz, Sandrina Heleno, Márcio Carochó, Patricia Morales, Isabel C.F.R. Ferreira, Lillian Barros  
**Two new alternative sources of betacyanin colouring compounds for the food industry**
- VIII\_PP2 Milan Kumar Lal, Rahul Kumar Tiwari, Jelena Popović-Djordjević, Nemanja Gršić, Awadhesh Kumar, Ravinder Kumar, Arvind Jaiswal, Dharmendra Kumar, Sushil Sudhakar Changan, Som Dutt, Brajesh Singh

- Interactive effect of potato peel on *in vitro* glyceemic response and starch digestibility with potato**
- VIII\_PP3 Mekjell Meland, Tomislav Tosti, Biljana Rabrenović, Sandra Šegan, Dragana Dabić Zagorac, Maja Natić, Milica Fotirić Akšić
- Chemical fingerprint of plum (*Prunus domestica* L.) kernels grown in Norway**
- IX\_PP1 Milica Lučić, Ivana Sredović Ignjatović, Steva Lević, Ivan Zlatanović, Antonije Onjia
- Effect of ultrasound and chemical pretreatments on L-ascorbic acid of dried bell pepper (*Capsicum annuum*) studied by factorial design**
- IX\_PP2 Simona Jaćimović, Biljana Dojčinović, Biljana Kiproovski, Nebojša Đ. Pantelić
- Determination of selected macro- and microelements in black chokeberries (*Aronia melanocarpa* L.)**
- IX\_PP3 Milka Jadranin, Gordana Krstić, Miroslav Novaković, Boban Anđelković, Vele Tešević, Slobodan Milosavljević
- Analysis of diterpenoids from the latex of *E. seguieriana* Neck. subsp. *seguieriana* by liquid chromatography–electrospray ionisation mass spectrometry**
- IX\_PP4 Nebojša Banjac, Jelena Ladjarević, Dušan Vasić, Dragan Milatović, Djordje Boškov, Jelena Popović-Djordjević
- Insight into chemical composition of sweet cherry (*Prunus avium* L.) fruits - application of ATR-FTIR spectroscopy**
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