

### **III Międzynarodowa Konferencja „Ekologia Człowieka”**

**Lublin, 19-20 czerwca 2018 roku**

#### **Program Konferencji**

**Lublin, 19 czerwca 2018 roku - wtorek**

**10.00 - 10.15** Otwarcie obrad

**I Sesja plenarna** (sala 101, I piętro, Agro II, ul. Akademicka 15)

Przewodniczący **prof. dr hab. Robert Pokluda**

prof. dr hab. Elżbieta Weryszko-Chmielewska

prof. dr hab. Janusz Kalbarczyk

dr n. med. Michał Skoczylas

10.15-10.35 Agronomists job don't reduce natural resources to meet today's needs without compromising the needs of future generation (prof. dr hab. Shaban Nidhal, Kadhum Eman, University of Forestry-Faculty of Agriculture, Sofia, Bułgaria)

10.35-10.55 Mushroom polysaccharides as a tool for mycotoxin control: an overview (mgr Jelena Loncar, prof. Slaven Zjalić, University of Zadar, Croatia)

10.55-11.15 Medical plants is the meeting point for nations, cultures and scientists (dr Vitalijus Naumavičius, Vinius University, Lithuania)

11.15 – 11.45 przerwa kawowa

**II Sesja plenarna** (sala 101, I piętro, Agro II, ul. Akademicka 15)

Przewodniczący **prof. dr hab. Nidal Shaban**

prof. dr hab. Marzena Błażewicz-Woźniak

dr hab. Bożena Denisow

11.45-12.05 Aspects of vegetable production quality in the conditions of sustainable horticulture (prof. dr hab. Robert Pokluda, Mendel University in Brno, Czech Republic)

12.05-12.25 The outline of the history of human ecology in the middle of the twentieth century

(lek. Nadia Marquette de Susa, UNIVAS, Pouso Alerge, Brazil, dr n. med. Michał Skoczylas, Pomorski Uniwersytet Medyczny w Szczecinie, Polska)

12.25-12.45 Importance of sustainable alfalfa (*Medicago sativa* L.) production in the mediteranean region of Croatia (Prof. dr hab. Maćešić Dubravko, Prof. Dr hab. Darko Uher, University of Zagreb, Croatia)

12.45-13.05 Modern nuclear magnetic resonance (NMR) spectroscopy provides unprecedented ability to glimpse the processes of life in atomic detail (dr Łukasz Wieteska, University of Leeds Faculty of Biological Sciences, United Kingdom)

13.05-13.20 Horizon 2020 – funding source of research activity within life sciences (dr inż. Andrzej Stępniewski, Regional Contact Point for European Research Programm, Poland)

13.20-14.00 Przerwa obiadowa

14.00-14.30 Sesja posterowa

### **Obrady w sekcjach**

**Sekcja 1. Środowiskowe aspekty żywienia człowieka** (Sala 101, I piętro, Agro II, ul. Akademicka 15)

Przewodniczący dr hab. n. farm. Ireneusz Sowa

dr hab. Katarzyna Dzida

dr hab. Anna Kasprzyk

#### **14.30 – 16.00**

1. Antioxidant activity of probiotic bacteria (Michalak Magdalena)
2. Bitter gourd (*Momordica charantia* L.) production for food and medicine use (Gałczyńska Anna, Xia X.Z., Krejpcio Z., Król E., Zhang X. Y, Hołubowicz R.)
3. The influence of dried oregano on the quality of rapeseed oil cold pressed (Krajewska Marta)
4. The effect of elimination diet on the growth and development of children with food hypersensitivity (Stodolak Anna, Zychowicz Joanna, Widderska-Kurzawa Alicja)
5. Healthiness of food intake by the population in Poland (Laskowski Waclaw)

6. Comparative evaluation of the nutritional value and the content of bioactive compounds in super foods products (Król Katarzyna, Ponder Alicja, Kopczyńska Klaudia)
7. Medicinal properties of cultivated mushrooms (Dawidowicz Luiza, Siwulski Marek)
8. Solvent based inks used in the manufacture of flexible food packaging made of paper or plastic film (Zakrzewska Małgorzata, Podsiadło Halina)
9. Estimate of mercury content in the liver of sheep kept in indoor system (Pacholik Ewa Hanna, Głowacz Krzysztof, Skibniewska Ewa, Kołnierzak Marta, Kmiec Hubert)

**Sekcja 2. Człowiek a środowisko** (Sala konferencyjna, parter, Agro II, ul. Akademicka 15)

Przewodniczący dr Grażyna Szymczak

dr hab. Krystyna Piotrowska-Weryszko

dr Karolina Pitura

**14.30 – 17.00**

1. Human safety in recreational places - sanitary quality evaluation of parks in Łódź (Gawor Weronika, Lis Szymon)
2. Health and social consequences of the Aral Lake disaster (Mętrak Monika)
3. Serious bird strike accidents to civilian and military aircrafts since the inception of aviation to the present times - human and ornithological dimensions (Kitowski Ignacy).
4. The development of renewable energy sources in Poland (Kozłowski Kamil)
5. Field margins and road verges as refuge areas for forage flora and pollinators (Jachula Jacek)
6. The effect of opioids in patients treated, addicted to psychotropic changes (preliminary report) (Lorek Małgorzata, Kamiński Piotr, Feit Julia, Gorzelańczyk Edward)
7. The production of biofuels from waste - opportunity to improve the natural environment (Jeżowska Aleksandra, Kozłowski Kamil, Brzoski Michał, Chełkowski Dawid, Dach Jacek)
8. Composting as a natural method of organic waste management (Chełkowski Dawid, Kozłowski Kamil, Jeżowska Aleksandra, Czekala Wojciech)
9. Rainwater retention in housing estates as an element of improving the living conditions of residents (Szczepanek Jarosław, Trzaskowska Ewa)

10. Are selected environmental antiandrogens induce disordered preantral follicle maturation - in vitro studies (Gorczyca Gabriela, Duda Małgorzata)
11. Photonic crystals as an innovative material for securing documents (Zwierzchaczewska Magdalena, Podsiadło Halina)
12. Criteria for assessing the impact on people of objects using renewable energy sources in methods of visual impact identification (Szumilas-Kowalczyk Hanna, Szymański Marek, Giedych Renata)
13. Assessment of the management and recreational use of the “Głowacki” gully in Nałęczów (Skarżycka Anna, Kałamucka Wioletta, Rodzik Jan, Błaszczak Małgorzata, Caban Dabniel, Żuraw Beata)
14. Medicinal and cultivated mushrooms-chosen application in human health management (Zięba Piotr, Sękara Agnieszka)
15. Nivolumab-induced interstitial pneumonia in a patient treated for lung cancer (Terlecka Paulina, Krawczyk P., Chmielewska I., Szczyrem M., Milanowski J.)

**Sekcja 3. Problemy botaniki w ekologii człowieka** (Sala 301, III piętro, Agro II, Akademicka 15)

Przewodniczący prof. dr hab. Elżbieta Weryszko-Chmielewska

dr hab. Mirosława Chwil

dr hab. Renata Matraszek-Gawron

**14.30 – 15.30**

1. Aesthetic values of plantings of early spring alliaceous perennials in the urban space of Lublin (Skarżycka Anna, Basara Oskar, Więclaw Paweł, Kucherevych Vitalii, Wrona Katarzyna, Żuraw Beata)
2. Analysis of human health protection in connection with the use of plant protection products (Paluch Sylwia)
3. Influence of chilling and light stress on metabolic profile of *Origanum vulgare* L. in juvenile stage (Szczalba Maciej, Sękara Agnieszka)
4. Is the quality of raw hyssop dependent on nitrogen nutrition? (Zdulski Jan, Dzida Katarzyna, Tymoszuć Karolina, Rydzewki Hubert)
5. Antioxidant activity of *Rubus ideaus* fruits (Kostryco Mikołaj, Chwil Mirosława)

6. Effect of calcium foliar feeding on the calcium content in the epidermis cells of *Malus domestica* Borkh. cv. 'Szampion' fruits (Kowalik Piotr, Michałojć Zenia, Chwil Mirosława)

#### **Sekcja 4. Epidemiologiczna** (Sala 301, III piętro, Agro II, Akademicka 15)

Przewodniczący dr hab. n. farm. Magdalena Wójciak-Kosior

dr Michał Skoczylas

dr Vitalijus Naumavičius

#### **15.10 – 15.40**

1. Assessment of surface water quality from the Tarkawica region based on physicochemical indicators and heavy metals concentration (Misztal Karolina)
2. The impact of choosing a lifestyle on the health of the individual (Wierzbicka Barbara, Stodolak Anna)
3. The relationship between body mass index and selected anthropometric parameters in overweight and obese individuals (Banach Katarzyna, Libera Justyna, Skorek Paulina, Glibowski Paweł)

#### **Sesja posterowa**

1. Bojadżijewa Iwona. Environmental degradation and its health consequences as factors supporting democratization process.
2. Chernetckyy Mykhaylo. Anatomy of leaves of four *Kalanchoë* species from the Suffrutescentes group.
3. Chwil Mirosława, Matraszek-Gawron Renata. Biologically active compounds in roots and leaves of plants from the genus *Hemerocallis*.
4. Czarnecki Zbigniew, Chwil Mirosława. Ecological features of leaf epidermis in selected grass species.
5. Ówintal Marek, Dziwulska-Hunek Agata, Przybylska Anna. Ecological aspects of the cultivation and utilisation of small-seed legumes in sustainable agricultural production.

6. Dawidowicz Luiza. *Pleurotus pulminarius* (Fr.) Quel. – cultivated mushroom with health-promoting properties and high nutritional value (*Pleurotus pulmonarius* (Fr.) Quel. – grzyb uprawny o właściwościach prozdrowotnych i wysokiej jakości odżywczej).
7. Dmitruk Marta, Sujak Agnieszka, Sulborska Aneta, Budzeń Małgorzata, Pomorski Jacek. Effect of pre-sowing laser stimulation on pollen production of *Lavatera thuringiaca* L. flowers.
8. Domaciuk Marcin, Pociupany Martyna. Effect of taxol and *Rhodiola rosea* extract on mitotic divisions in apical root meristems in *Allium cepa*.
9. Dzida Katarzyna, Kuśmierz Małgorzata, Inglot Gabriela, Ciciak Agata. *Lavandula angustifolia* L. valuable healing and oil plant.
10. Dzida Katarzyna, Michałojć Zenia, Jarosz Zbigniew, Pitura Karolina, Skubij Natalia. Content of essential oil in the basil herb depending on the potassium nutrition.
11. Flaieh Hammed Kassar, Mariusz Szymanek. Effect of tillage practices on greenhouses gases.
12. Gawor Weronika, Lis Szymon. Human safety in recreational places - sanitary quality evaluation of parks in Łódź.
13. Jachimowicz Karolina, Konarska Jagoda, Kostecka Małgorzata. Plastic products containing alternatives to bisphenol A (BPA) - are they certainly better for human health?
14. Karczmarz Katarzyna, Mackoś-Iwaszko Ewa, Renda Joanna. Influence of trees on human's health in the city.
15. Karczmarz Katarzyna. The use of effective microorganisms in the aspect of ecological protection of roses.
16. Kasprzyk Anna, Czarnecki Zbigniew. Wild boar meat (*Sus scrofa scrofa*) – natural raw material and food product.
17. Konarska Agata. Microstructure and the location of bioactive substances in fruit of *Lycium barbarum* L.
18. Kowalik Piotr, Chwil Mirosława, Michałojć Zenia M. Effect of foliar feeding with calcium on the ultrastructure of epidermis and hypodermis cells in *Malus domestica* Borkh cv. 'Szampion' fruits
19. Kowalska Magdalena, Mach Marzena, Olechowska Karolina, Wydro Paweł. The influence of PEGylated lipid on the properties of cationic liposomes.

20. Mach Marzena, Olechowska Karolina, Kowalska Magdalena, Wydro Paweł. The influence of triesters of phosphatidylcholine on model bacterial membranes.
21. Matraszek-Gawron Renata, Chwil Mirosława. Antidepressant activity of selected species from the genus *Hemerocallis*.
22. Mischczuk Aneta, Trzaskowska Ewa. Shaping public spaces eliminating the effects of urban heat island in the aspect of human health.
23. Młynarczyk Karolina, Walkowiak-Tomczak Dorota, Szewcuk Artur. The effect of origin and cultivar of elderberry on the health quality of the obtained juice.
24. Noaema Ali Hulail, Sawicka Barbara, Pszczółkowski Piotr, Kiełtyka-Dadasiewicz Anna. Effective microorganisms in agriculture and food processing.
25. Olechowska Karolina, Mach Marzena, Kowalska Magdalena, Wydro Paweł. The influence of anticancer drug – Minerval – on model lipid membranes.
26. Piotrowska-Weryszko Krystyna, Konarska Agata, Weryszko-Chmielewska Elżbieta, Kubik-Komar Agnieszka. The risk of allergy caused by *Ambrosia* (L.) pollen in the region of Lublin.
27. Pitura Karolina, Jarosz Zbigniew, Dzida Katarzyna. The influence of humic acids on the chemical composition of chinese cabbage in soilless cultivation.
28. Pitura Karolina, Jarosz Zbigniew, Wolańska Ewa, Samborski Dariusz, Hendzel Barbara, Szybiński Volodimir. The content of micronutrients in vegetables grown in Lviv and Lublin regions and the conditions of mineralized tooth tissues of 15-year-old women.
29. Połec Karolina, Bernaś Beata, Dymek Michał, Rachwałik Rafał, Sikora Elżbieta, Hąc-Wydro Katarzyna. The impact of hop cone extract on the properties of lipid systems imitating membranes of bacterial plant pathogens - the investigations on the possibility of the application of plant extracts as ecological plant protection products.
30. Prażak Roman. Evaluation of salt stress tolerance in *Aegilops* L. with *Triticum aestivum* L. hybrid lines.
31. Rydzewski Hubert, Dzida Katarzyna, Tymoszek Karolina, Zdulski Jan. Aromatic plants of the *Lamiaceae* family in the horticulture therapeutic gardens.
32. Rysiak Krystyna, Szymczak Grażyna. Potential application of groundcover plants.
33. Sawicka Barbara, Ali Hulail Noaema, Barbaś Piotr, Skiba Dominika, Bienia Bernadetta. Environmentally friendly methods used to improve the quality seed potatoes.

34. Skoczylas Michał, Kaliszczuk Danuta. Didactic contents in the field of human ecology in school textbooks 'Podręcznik do nauki o przyrodzie żywej i martwej' by Gajówna, Żłobicki and Adwentowski from 1934 and 'Wiadomości o przyrodzie' Obiezińska and Ziemecki from 1964.
35. Skubij Natalia, Dzida Katarzyna. Effect of natural fertilization on the content of active components in the inflorescences of narrow-leaved lavender (*Lavendula angustifolia* L.).
36. Sowa Ireneusz, Wójciak-Kosior Magdalena, Dresler Sławomir, Staniak Michał, Sawicki Jan, Zielińska S. Pre-treatment of *Chelidonium majus* samples using silica covered with polyaniline.
37. Sulborska Aneta, Kamińska Magdalena, Matysik-Woźniak Anna, Piotrowska-Weryszko Krystyna, Weryszko-Chmielewska Elżbieta. Histochemical characteristics of ivy (*Hedera helix* L.) leaves.
38. Sulborska Aneta. Secondary metabolites in the secretory tissues of *Rhododendron luteum* Sweet (Ericaceae) flowers.
39. Szczałba Maciej, Sękara Agnieszka. Analysis of mRNA expression of leptin receptors in the chorioallantoic membrane of chicken embryos after *in ovo* administration of bisphenol A.
40. Szczepanek Jarosław, Trzaskowska Ewa. Rainwater retention in housing estate as an element of improving the living conditions of residents.
41. Ślusarczyk Joanna, Malinowska Eliza, Krzyczkowski Wojciech. Possibilities of biotechnological application of mycelium the white-rot fungus (*Hericium erinaceum* (Bull.: Fr. Pers.) - microscopic examinations.
42. Tchórzewska Dorota, Najda Agnieszka, Błaszczuk Lidia, Winiarczyk Krystyna. *Allium ampeloprasum* var. *ampeloprasum* (GHG-L) – "odourless garlic" as an alternative to sensitive consumers.
43. Tomczak Karolina, Kontek Bogdan. Acid phosphatase activity after exposure to malathion and its metabolites in human plasma *in vitro* – a pilot study.
44. Tymoszuik Karolina, Dzida Katarzyna, Rydzewski Hubert, Skubij Daniel, Zdulski Jan. Plants sweeter than sugar – *Stevia rebaudiana* Bertoni and *Lippia dulcis* L.
45. Tymoszuik Karolina, Jachuła Jacek, Rydzewski Hubert, Zdulski Jan, Denisow Bożena. The use of pollinator-friendly plant species in hortitherapeutic gardens.



46. TymoszuK Karolina, Rydzewski Hubert, Jachuła Jacek, Denisow Bożena. Silvotherapy - a novel therapy to support treatment of people with physical and intellectual disabilities.
47. Wach Dariusz, Błażewicz-Woźniak Marzena, Patkowska Elżbieta. Influence of intercrop plants and varied tillage on soil reaction and macronutrient content in the soil under carrot cultivation.
48. Woźniak Aleksander, Jarosz Zbigniew, Błażewicz-Woźniak Marzena. The influence of the soil reaction and humic acid on the content of cadmium in lettuce (*Lactuca sativa* L.).
49. Wójciak-Kosior Magdalena, Strzemski Maciej, Tuszczyk-Rotko Katarzyna, Sowa Ireneusz, Agacka-Mołdoch Monika, Mołdoch Jarosław. Voltammetry vs chromatography – determination of volatile compounds in *Carlina* root extract.
50. Wójcik Aneta, Broniatowski Marcin. Studies on the effects of polycyclic aromatic hydrocarbons on mitochondrial phospholipids in model membrane.
51. Zięba Piotr, Kobak Rafał, Sękara Agnieszka. The effect of supplementation of substrates for the oyster mushroom cultivation with residues from Apiaceae crops.

**19.00-22.00 Uroczysta kolacja (Centrum Kongresowe, ul. Akademicka 15, Agro II, parter, przy fontannie)**

**Lublin, 20 czerwca 2018 roku – środa**

### **Wyjazd studyjny**

**Godz. 9.30 wyjazd, parking ul. Głęboka 31 (obok Centrum Sportowego UP w Lublinie)**

**Godz. 10.00 – 12.30 Muzeum Wsi Lubelskiej**

**Godz. 12.30 – 13.30 obiad**

**Godz. 13.30 powrót na ul. Głęboką 31**

**Deklarację udziału w wyjeździe studyjnym należy przesłać na adres e-mail:**

[ekologia.czlowieka@up.lublin.pl](mailto:ekologia.czlowieka@up.lublin.pl)