

Poster presentations

2-May-2019 VMU Small hall (S. Daukanto g. 28, Kaunas)

Poster session 1 13:00-14:00

Nr.	
1.	<p>A Nocturnal Migrant Songbird Regularly Makes Prolonged Non-Stop Flights Of 12-60 Hours When Migrating Over The Mediterranean-Sahara Barrier</p> <p>Gintaras Malmiga¹, Bengt Hansson², Teresa Montràs-Janer³, Maja Tarka⁴, Thomas Alerstam², Dennis Hasselquist²</p> <p>¹Laboratory of Avian Ecology, Nature Research Centre, Vilnius, Lithuania, ²Department of Biology, Lund University, Lund, Sweden, ³Department of Ecology, Swedish University of Agricultural Sciences, Sweden, ⁴Centre for Biodiversity Dynamics, Norwegian University of Science and Technology, Trondheim, Norway</p>
2.	<p>African Swine Fever Virus Fragments Sequence Analysis In Samples Collected From Wild Boars And Domestic Pigs</p> <p><u>S. Pilevičienė</u>^{1,2}, V. Jurgelevičius^{1,2}, A. Paulauskas², Ž. Janeliūnas^{1,2}</p> <p>¹National Food and Veterinary Risk Assessment Institute, Vilnius, Lithuania ²Vytautas Magnus University, Kaunas, Lithuania</p>
3.	<p>Agricultural Production In Ukraine: Ecological Challenges And Effect On Life Quality</p> <p>V.F. Petrychenko¹, O.V. Korniychuk¹, I.S. Voronetska¹, Y.Y. Ovchynnykova²</p> <p>¹Institute of Feed Research and Agriculture of Podillya of NAAS, 16, Yunosti Avenue, Vinnytsia, Ukraine, 21100, ²Vasyl' Stus Donetsk National University 21, 600-ritchka Str., Vinnytsia, Ukraine, 21021</p>
4.	<p>Agrogenic Biotope Transformation Of Forest-Steppe Animals Of Kazakhstan</p> <p>V.S. Vilkov, S.V. Pashkov</p> <p>NORTH KAZAKHSTAN STATE UNIVERSITY NAMED AFTER M. KOZYBAYEV, KAZAKHSTAN</p>
5.	<p>In Vitro Antagonistic Dual-Culture Assays Against Causal Agent Of Ash Dieback <i>Hymenoscyphus Fraxineus</i></p> <p>Goda Norkutė¹, Asta Jarašiūtė², <u>Karolis Sivickis</u>¹, Daiva Burokienė¹</p> <p>¹Nature Research Centre, Laboratory of Plant Pathology, Žaliųjų Ežerų Str. 49, LT-08406, Vilnius, Lithuania, ²Vilnius University, Life Sciences Center, Saulėtekio av. 7, LT-10257, Vilnius, Lithuania</p>
6.	<p>Antimicrobial Peptides From Plants As Components Of “Next-Generation” Hybrid Fungicides</p> <p><u>Eugene Rogozhin</u>^{1,2,3}</p>

	<p>¹<i>Shemyakin and Ovchinnikov Institute of Bioorganic Chemistry of the Russian Academy of Sciences, 16/10 ul. Miklukho-Maklaya, Moscow, Russia 117997,</i> ²<i>Gause Institute of New Antibiotics, 11 ul. Bolshaya Pirogovskaya, Moscow, Russia 119021,</i> ³<i>Tyumen State University, 6 ul. Volodarskogo, Tyumen, Russia, 625003</i></p>
7.	<p align="center">Association Between Mmp8 Rs11225395 Gene Polymorphism And Laryngeal Cancer</p> <p align="center"><u>Rūta Insodaitė</u>¹, Vyktintas Liutkevičius², Rasa Ugenskienė¹, Alina Smalinskienė^{1, 3}</p> <p><i>1 Institute of Biology Systems and Genetic Research, Veterinary Academy, Lithuanian University of Health Sciences, Tilžės 18, Kaunas, Lithuania LT-50161,</i> <i>2 Lithuania University of Health Sciences hospital, Eiveniu 2, Kaunas, Lithuania LT-50161,</i> <i>3 Laboratory of Molecular Cardiology, Institute of Cardiology, Lithuanian University of Health Sciences, Eiveniu 2, Kaunas, Lithuania LT-50161</i></p>
8.	<p align="center">Biocatalytic Properties Of Recombinant Methylobacteria Methylobacterium Exorquens Pcm160 And Biocatalysts Based On It</p> <p align="center"><u>Tatiana Kuznetsova</u>, Anna Katykina, Tatiana Belyakova</p> <p><i>Tula State University Russia, Tula, Lenina prosp., 92</i></p>
9.	<p align="center">Biochemical And Photochemical Evaluation Of Wheat (<i>Triticum Aestivum</i> L.) Genotypes Differing In Flooding Tolerance</p> <p align="center"><u>Natalja Škute</u>, Aleksandrs Petjukevics, Nadezhda Harlamova, Marina Savicka, Alina Kulbachna</p> <p><i>Institute of Life Science and Technology, Daugavpils University, Parades 1A, Daugavpils, Latvia</i></p>
10.	<p align="center">Biological Activity Evaluation Of Biodegradable Thin Films With Different Azo Dyes</p> <p align="center"><u>Justė Ališauskaitė</u>¹, Sandra Sakalauskaitė¹, Simona Sutkuvienė^{1,2}</p> <p><i>¹Department of Biochemistry, Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania,</i> <i>²Department of Biochemistry, Faculty of Medicine, Lithuanian University of Health Sciences, Kaunas, Lithuania</i></p>
11.	<p align="center">Bleomycin Electrotransfer Enhancement By Using Plasmid Dna</p> <p align="center"><u>Aistė Rimgailaitė</u>¹, Paulius Ruzgys¹</p> <p><i>¹Faculty of Natural Sciences, Vytautas Magnus university, Lithuania</i></p>
12.	<p align="center">C₃ And C₄ Plants As Potential Feedstocks For Conversion Into Bioenergy Products</p> <p align="center"><u>Kristina Amaleviciute-Volunge</u>¹, Alvyra Slepėtienė¹</p> <p><i>¹Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry (LAMMC), Instituto al. 1, LT - 58344, Akademija, Kedainiai district, Lithuania</i></p>
13.	<p align="center">Cadmium Induced Changes In Membrane-Associated Processes Of Mitochondrial Isolated From <i>Triticum Aestivum</i> Seedlings</p> <p align="center"><u>Gayane H. Poghosyan</u>¹, Poghos H. Vardevanyan¹</p> <p><i>¹Department of Biophysics, Yerevan State University, Yerevan, 0025, Armenia</i></p>
14.	<p align="center">Calcium Electroporation Efficiency Dependence On Calcium Concentration And Administration Time</p>

	<p><u>Diana Navickaitė</u>¹, Paulius Ruzgys¹, Martynas Maciulevičius¹, Sonam Chopra¹ Saulius Šatkauskas¹</p> <p>¹<i>Biophysical Research Group, Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, Kaunas, LT - 44404, Lithuania</i></p>
15.	<p>Cell Sensitization Induced By Application Of Microsecond Electric Fields <i>In Vitro</i></p> <p><u>Neringa Barauskaitė</u>¹, Paulius Ruzgys¹</p> <p>¹<i>Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania</i></p>
16.	<p>Cell-Iq Microscopy And Rtca For Real-Time Investigation Of Multipotent Mesenchymal Stromal Cells Cocultured With Leukemic Jurkat T Cells</p> <p>Vladimir V. Malashchenko¹, Egor O. Shunkin¹, Valeria V. Shupletsova¹, Olga G. Khaziakhmatova¹, Kristina A. Yurova¹, <u>Elena S. Melashchenko</u>¹, Larisa S. Litvinova¹, Igor A. Khlusov^{2,3}</p> <p>¹<i>Immanuel Kant Baltic Federal University, Laboratory of Immunology and Cell Biotechnology, Kaliningrad, 236041, Russia;</i> ²<i>Tomsk Polytechnic University, Research School of Chemistry & Applied Biomedical Sciences, Tomsk, 634050, Russia;</i> ³<i>Siberian State Medical University, Department of Morphology and General Pathology, Tomsk, 634050, Russia</i></p>
17.	<p>Change Of Soil Phosphatase Activity During Inoculation Of Sugar Beet Seeds By Polymycobacterium And Agrofil</p> <p>Anatolii Masloyid¹</p> <p>¹<i>Vinnytsia National Agrarian University, 21008, Vinnytsia, Sonyachna st., 3, Ukraine</i></p>
18.	<p>Characterization Of Oxidative Stress In Tobacco Shoot Culture <i>In Vitro</i></p> <p><u>Elena Andriūnaite</u>¹, Inga Tamošiūnė¹, Rytis Rugienius¹, Vidmantas Stanys¹, Danas Baniulis¹</p> <p>¹<i>Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Kaunas st. 30, Babtai LT-54333, Kaunas distr.,</i></p>
19.	<p>Cleavage Of Ompx With Protealysin Can Regulate <i>Serratia Proteamaculans</i> Invasion</p> <p>Olga Tsaplina¹</p> <p>¹<i>Institute of Cytology, Russian Academy of Sciences, Saint-Petersburg, Russia</i></p>
20.	<p>Climate Related Changes Of Spring Barley Phenology In Lithuania</p> <p><u>Martynas Klepeckas</u>¹, Romualdas Juknys¹, Arvydas Kanapickas¹, Gintarė Sujetovienė¹</p> <p>¹<i>Vytautas Magnus University, Department of Natural sciences, Vileikos St. 8, LT-44404 Kaunas, Lithuania</i></p>
21.	<p>Cloning And Characterization Of Recombinant Protein Cpf1 From V Type Crispr/Cas System From Moraxella Bovis</p> <p><u>Valeriya Vasikhovskaya</u>¹, Margarita Romanenko¹, Sergey Netesov¹</p> <p>¹<i>Novosibirsk State University, Novosibirsk, Russia</i></p>
22.	<p>Combined Effect Of Future Climate And Uv-B Radiaton On Garden Lettuce</p> <p>Giedrė Kacienė¹</p> <p>¹<i>Vytautas Magnus University</i></p>

23.	<p align="center">Concentration Dependence Of The Effect Of Egfr Ligands On Human Endometrial Mesenchymal Stromal Cells</p> <p align="center"><u>Rimma Kamentseva</u>¹, Vera Kosheverova¹, Maria Istomina^{1,3}, Marianna Kharchenko¹, Oleg Semyonov², Elena Kornilova^{1,2,3}</p> <p>¹ Institute of Cytology RAS, Saint Petersburg, Russia, ² Saint Petersburg State University, Saint Petersburg, Russia, ³ Peter the Great St. Petersburg Polytechnic University, Saint Petersburg, Russia,</p>
24.	<p align="center">Cooperation Of Free-Living Nematodes <i>Turbatrix Aceti</i> With Oil-Degrading Bacteria <i>Alcanivorax Borkumensis</i></p> <p align="center"><u>Särbinaz Shaikhulova</u>¹, Gölnur Fakhrollina¹, Läysän Nigamatzyanova¹, Farida Akhatova, Rawil Fakhrollin¹</p> <p>¹ Kazan (Volga region) Federal University, 18 Kremlyovskaya str, Kazan, 420008, Russian Federation</p>
25.	<p align="center">Cryoprotective Solution As A Vehicle For Local Cell Delivery</p> <p align="center"><u>Olga Tykhvynska</u>¹, Olena Rogulska¹, Yuri Petrenko^{1,2}</p> <p>¹ Institute of Problems of Cryobiology and Cryomedicine of the National Academy of Sciences of Ukraine, Kharkov, Ukraine, ² Institute of Experimental Medicine AS CR v.v.i, Prague, Czech Republic</p>
26.	<p align="center">Heavy Metals in Urban Areas Soil</p> <p align="center"><u>Dalia Aidukaite</u>¹, Edita Baltrėnaite²</p> <p>¹ Department of Environmental Engineering, Vilnius Gediminas Technical University, Lithuania, ² Research Institute of Environmental Protection, Vilnius Gediminas Technical University, Lithuania</p>
27.	<p align="center">Decision Support System For Water Quality Assessment Based On Long-Term Monitoring And Biological Modelling</p> <p align="center">Mark Polyak¹, Svetlana Kolesnikova¹, <u>Yulia Polyak</u>^{2,3}</p> <p>¹ Saint-Petersburg State University of Aerospace Instrumentation, Bolshaya Morskaya str. 67, Saint Petersburg, 190000, Russia, ² St. Petersburg Scientific Research Centre for Ecological Safety of Russian Academy of Sciences, Korpusnaya str. 18, Saint-Petersburg, 197110, Russia, ³ St. Petersburg State University, Universitetskaya emb. 7-9, Saint-Petersburg, 199034, Russia</p>
28.	<p align="center">Design And Verification Of The Functioning Of Genetic Constructs For Dna Vaccine Against Pcv2</p> <p align="center"><u>Lidia Kravchenko</u>¹, Vladimir Prokulevich², Kiryl Kudzin³</p> <p>^{1,2,3} Belarusian state university, Nezavisimosti avenue, 4, Minsk, Republic of Belarus</p>
29.	<p align="center">Development Of A Method For Enriching Ngs Libraries With Extracellular Dna Sequences Carrying Somatic Mutations</p> <p align="center"><u>Anna Kuleshova</u>^{1, 2}, Ulyana Boyarskikh²</p> <p>¹ Novosibirsk State University, 1 Pirogova st., Novosibirsk, 630090, Russia, ² Institute of Chemical Biology and Fundamental Medicine SB RAS, 8 Lavrentieva ave, Novosibirsk, 630090, Russia</p>
30.	<p align="center">DNA Analysis Of Parasitic Dermanysoidea Mite Species From Small Rodents In Lithuania</p>

	<p>Evelina Kaminskienė, <u>Justina Snegiriovaitė</u>, Jana Radzijeuskaja, Algimantas Paulauskas</p> <p><i>Faculty of Natural Sciences, Vytautas Magnus University, Lithuania</i></p>
31.	<p>DNA Methylation-Based Age Prediction From Blood: The Level Of Methylation Of 5 Cpg Markers</p> <p>V. Lemesh, M. Bahdanava, <u>A. Burakova</u>, V. Kipen, <u>O. Dobysh</u></p> <p><i>Institute of Genetics and Cytology of the National Academy of Sciences, Minsk, Belarus,</i></p>
32.	<p>DNA Methylation-Based Age Prediction From Saliva: The Level Of Methylation Of 7 Cpg Markers</p> <p>V. Lemesh, M. Bahdanava, <u>A. Burakova</u>, V. Kipen, <u>O. Dobysh</u></p> <p><i>Institute of Genetics and Cytology of the National Academy of Sciences, Minsk, Belarus</i></p>
33.	<p>Dynamics Of Changes In The Content Of Anti-Ice Materials Salts In The Soils During The Growing Season</p> <p>Alexander Gerasimov, Marina Chugunova, <u>Yuliya Polyak</u></p> <p><i>Scientific Research Center for Ecological Safety RAS, St.Petersburg, 197110 Russia, Korpusnaya st., 18</i></p>
34.	<p>Ecological And Zoogeographical Features Of Species Composition Of Molluscs Of Rivers Of The Northern Pryazovia</p> <p><u>Olena Degtyarenko</u></p> <p><i>National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine</i></p>
35.	<p>Ecological Assessment Of Soybean Varietal Resources Under Conditions Of The Forest-Steppe Of Ukraine</p> <p>Vasyl Petrychenko¹, Svitlana Kobak¹, Serhii Kolisnyk¹, Oleh Prysiazhniuk², Volodymyr Lykhochvor³</p> <p><i>¹Institute of Feed Research and Agriculture of Podillia of NAAS, 16, Yunosti Avenue, Vinnytsia, 21100, Ukraine, ²Institute of Bioenergy Crops and Sugar-Beets of NAAS, 25, Klinichna Str., Kyiv, 03141, Ukraine, ³Lviv National Agrarian University, 1, Volodymyra Velykoho Str., Dubliany, Zhovkiv district, Lviv region, 80381, Ukraine</i></p>
36.	<p>Ecological Factors And Productivity Of Potato</p> <p>K. Partoev¹, M. K. Gulov¹, I. Nikhmonov¹</p> <p><i>¹Institute of botany, plants physiology and genetics of Academy of Sciences of the Republic of Tajikistan</i></p>
37.	<p>Ecological Methods Of Soils Fertility Increase Of Light Granulometric Composition Of Belarus</p> <p><u>Natallia Navumenka</u>, Natallia Salahub</p> <p><i>Belarusian State Pedagogical University named after Maxim Tank, Republic of Belarus</i></p>
38.	<p>Effect Of Damp Water Steam On Mycological Pollution Of Oak (<i>Quercus Robur L.</i>) Acorn</p>

	<p><u>Jolanta Sinkevičienė</u>¹, Regina Vasinauskienė¹</p> <p>¹Vytautas Magnus University, Studentų str. 11, LT-53361 Akademija, Kauno r.</p>
39.	<p>Effect Of Farming Systems On Mineral Composition In Potato Tubers</p> <p><u>Nijolė Vaitkevičienė</u>, Elvyra Jarienė, Honorata Danilčenko, Jurgita Kulaitienė</p> <p>Vytautas Magnus University Agriculture Academy, Studentų g. 11, LT-53361 Akademija, Kauno r. Lithuania.</p>
40.	<p>Effect Of Medium Composition On <i>In Vitro</i> Direct Organogenesis Of <i>Miscanthus X Giganteus</i></p> <p><u>Inga Jančiauskienė</u>, Aušra Blinstrubienė, Natalija Burbulis, Ramunė Masiienė</p> <p>Vytautas Magnus University, Agriculture Academy, Institute of Biology and Plant Biotechnology, Lithuania</p>
41.	<p>Effect Of Phytohormones On The Accumulation Of Steviol Glycosides In <i>Stevia Rebaudiana</i></p> <p>Tomas Mockaitis¹, Neringa Juškevičiūtė², Aušra Blinstrubienė², Natalija Burbulis¹, Vida Mildažienė¹, <u>Rasa Žūkienė</u>¹</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT-44404 Kaunas, Lithuania, ²Institute of Biology and Plant Biotechnology, Vytautas Magnus University, Studentų str. 11, LT-53361 Akademija, Kaunas distr., Lithuania</p>
42.	<p>Effect Of <i>Stevia Rebaudiana</i> Micropropagation Conditions On Steviol Glycosides Accumulation</p> <p>Tomas Mockaitis¹, Neringa Juškevičiūtė², Aušra Blinstrubienė², Natalija Burbulis¹, Vida Mildažienė¹, <u>Rasa Žūkienė</u>¹</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT-44404 Kaunas, Lithuania, ²Institute of Biology and Plant Biotechnology, Vytautas Magnus University, Studentų str. 11, LT-53361 Akademija, Kaunas distr., Lithuania</p>
43.	<p>Effects Of Different Salinities On Green Microalga <i>Tetraselmis Suecica</i> Growth And Pigments Concentrations</p> <p><u>Petras Venckus</u>¹, Graziella Chini Zittelli²</p> <p>¹Vilnius University, Life Sciences Center, Institute of Biosciences, Sauletekio ave. 7, Vilnius, LT-10257, Lithuania, ²National Research Council of Italy, Trees and Timber Institute, via Madonna del Piano, 10 – 50019 Sesto Fiorentino FL, Italy</p>
44.	<p>Effects Of Isoflavones Formononetin And Biochanin A On Powderly Mildew Infection On Red Clover Leaves</p> <p><u>Asta Malakauskienė</u>¹, Odeta Buzaitė², Rasa Žūkienė², Vida Mildažienė².</p> <p>¹Kaunas Botanical Garden, Vytautas Magnus University, Z. E. Zilibero str. 6, LT-46324 Kaunas, Lithuania, ²Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT-44404 Kaunas, Lithuania.</p>
45.	<p>Encapsulation Of Microbial Cells Within Ormosils: Cell-Mediated Formation Of Biohybrid Architectures And Potential To Biotechnology</p> <p><u>Daria Lavrova</u>, Olga Kamanina, Olga Ponamoreva</p> <p>Tula State University, Russia, Tula, pr. Lenina, 92</p>

46.	<p>Establishment Of Plant Regeneration Of <i>Physalis Peruviana</i> L. From Leaf Petioles</p> <p><u>Yaroshko Olha</u>¹, Kuchuk Mykola¹</p> <p>¹<i>Institute of Cell Biology and Genetic Engineering, National Academy of Sciences of Ukraine; Akademika Zabolotnoho Street, 148-A, Kyiv, 03143, Ukraine</i></p>
47.	<p>Evaluation Of Oxidative Effects In Male Wistar Rats Following Extremely High Frequency Electromagnetic Irradiation Exposure</p> <p>Gayane H. Poghosyan, Anahit V. Nerkararyan, Poghos H. Vardevanyan</p> <p><i>Department of Biophysics, Faculty of Biology, Yerevan State University, 1 Alex Manoogian St., Yerevan, 0025, Armenia</i></p>
48.	<p>Exploration Into The Structure Of <i>Trachemys Scripta</i> Ribosomal Repeat</p> <p><u>Anastasia Sokolovskaya</u>¹, Alexander Dyomin², Svetlana Galkina¹, Elena Gaginskaya¹</p> <p>¹<i>Saint-Petersburg State University, Biological Faculty, Universitetskaya emb., 7/9, Saint-Petersburg, 199034, Russian Federation,</i> ²<i>Saratov State Medical University, Bolshaya Sadovaya str. 137, Saratov, 410012, Russian Federation</i></p>
49.	<p>Extraction Of Complexes Of Biologically Active Substances Of Marine Invertebrates And Evaluation Of Their Biochemical Activity</p> <p>Olga Chzhu</p> <p><i>Research Institute of Medical Primatology, Russia, Sochi, st. Mira, 177</i></p>
50.	<p>Features Of Metabolic Processes In Carp (<i>Cyprinus Carpio</i> L.) Influenced By Waste Water From Livestock Enterprises</p> <p>Inna N. Kurbatova, Mykola O. Zakharenko, Ludmyla V. Chepil, Olga M. Tupitska, Olha S. Hilliaka, Dmytro S. Honchar</p> <p><i>National University of Life and Environmental Sciences of Ukraine 15 Heroyiv Oborony, Kyiv, 03041, Ukraine</i></p>
51.	<p>Genetic Diversity Of <i>Monilinia</i> Spp. Species Within Laccase Gene</p> <p><u>Raminta Žukauskaitė</u>¹, Birutė Frercks²</p> <p>¹<i>Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania,</i> ²<i>Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas dist., Lithuania</i></p>
52.	<p>Genetic Diversity Of Silver (<i>Hypophthalmichthys Molitrix</i>) And Bighead (<i>Hypophthalmichthys Nobilis</i>) Carp Producers From Aquaculture In Belarus</p> <p>A.Yu. Nosova, V.N. Kipen, N.I. Tsar, <u>V.A. Lemesh</u></p> <p><i>Institute of Genetics and Cytology of the National Academy of Sciences, Minsk, Belarus</i></p>
53.	<p>Genetic Population Structure Of European Wild Boar (<i>Sus Scrofa</i>) In Lithuania Before The Spread Of African Swine Fever</p> <p>Loreta Gričiuvienė¹, <u>Gabija Kurauskaitė</u>¹, Žygimantas Janeliūnas¹, Vaida Tubelytė¹, Algimantas Paulauskas¹</p> <p>¹<i>Vytautas Magnus University, Faculty of Natural Sciences, Vileikos str.8, Kaunas, Lithuania</i></p>
54.	<p>Genetically Modified Lettuce And Tobacco Plants Caring The Gene Of Sweet-Tasting Protein <i>Thaumatococci</i></p>

	<p><u>Nataliia Shcherbak</u>, Yelizaveta Prokhorova, Mykola Kuchuk</p> <p><i>Institute of Cell Biology and Genetic Engineering of NAS of Ukraine 148 Akademika Zabolotnoho St., 03143, Kyiv, Ukraine</i></p>
55.	<p>Genome-Wide Identification And Characterization Of Dehydrin Gene Family In <i>Eucalyptus Grandis</i></p> <p><u>Sümer Aras</u>¹, Emre Ilhan², İlker Büyük¹</p> <p>¹Ankara University, Faculty of Science, Department of Biology, Ankara, Turkey, ²Erzurum Technical University, Faculty of Science, Department of Molecular Biology and Genetics, Erzurum, Turkey</p>
56.	<p>Genome-Wide Identification Of Common Bean (<i>Phaseolus Vulgaris</i>) Lipoxygenases And Their Expression Profiling During Salt Stress</p> <p><u>İlker Büyük</u>¹, Emre Ilhan², Sümer Aras¹</p> <p>¹Ankara University, Faculty of Science, Department of Biology, Ankara, Turkey, ²Erzurum Technical University, Faculty of Science, Department of Molecular Biology and Genetics, Erzurum, Turkey</p>
57.	<p>Geophysical Prognostication Directions Of Dangerous Geocological Influence Of Mining Waste-Storages In Central Ukraine</p> <p>Oleh Tiapkin¹, Anhelina_Burlakova¹, Petro Pihulevskyi²</p> <p>¹Dnipro University of Technology, Dnipro; ²Institute of Geophysics, Kyiv, Ukraine</p>
58.	<p>Hygienic Evaluation Of Oxacetamide, Triazinone And Bipyridiliums Herbicides Behavior In Soil, Prediction Of Ground Water Contamination Risk And Its Danger For Human Health</p> <p>Anna Antonenko, Olena Vavrinevich, Sergiy Omelchuk, Vasyl Bardov</p> <p><i>Hygiene and Ecology Institute of Bogomolets National Medical University, Kyiv, Ukraine</i></p>
59.	<p>In Silico And In Situ Analysis Of The Repetitive Component In Sterlet Genome</p> <p><u>Dmitrii Yu. Prokopov</u>, Larissa S. Biltueva, Vladimir A. Trifonov</p> <p>¹Institute of Molecular and Cellular Biology SB RAS, 8/2 Lavrentieva ave, Novosibirsk, 630090, Russia</p>
60.	<p>Screening Of Microorganisms For Antagonistic Activity Against Pathogenic Fungi Of <i>Pinus</i> Spp.</p> <p><u>Dovilė Čepukoit</u>^{1,2}, Julija Šepetovskaja³, Karolis Sivickis^{1,2}, Daiva Burokienė¹</p> <p>¹Nature Research Centre, Laboratory of Plant Pathology, Žaliųjų Ežerų Str. 49, LT-08406, Vilnius, Lithuania, ²Vytautas Magnus University, K. Donelaičio str. 58, 44248, Kaunas, ³Vilnius University, Life Sciences Center, Saulėtekio av. 7, LT-10257, Vilnius, Lithuania</p>



INTERNATIONAL CONFERENCE „Smart Bio“ 2019 may 2-4, KAUNAS

3-May-2019 VMU Small hall (S. Daukanto g. 28, Kaunas)

Poster session 2 13:00-14:00

Nr.	
1.	<p align="center">Infection Of <i>Bartonella</i> Spp. And <i>Rickettsia</i> Spp. Pathogens In Cats' Fleas (Siphonaptera)</p> <p align="center">Indrė Lipatova¹, Simona Levčenkaitė¹, <u>Simona Cicėnaitė</u>¹, Jolita Greičiūnaitė¹, Algimantas Paulauskas¹</p> <p>¹Vytautas Magnus University, Department of Biology, LT-44404, Kaunas, Lithuania</p>
2.	<p align="center">Influence Of Broiler Chickens Meat Consumption On Human Immune</p> <p align="center">S. Grabovskiy¹, O. Grabovska²</p> <p>¹Stepan Gzhyskyi National University of Veterinary Medicine and Biotechnologies Lviv, ²Institute of Animal Biology NAAS</p>
3.	<p align="center">Influence Of Different Water On Leguminous Germinated Seeds</p> <p align="center"><u>Dalė Televičiūtė</u>^{1,2}, Elvyra Jarienė¹, Honorata Danilčenko¹, Aurelija Paulauskienė^{1,2}</p> <p>¹Vytautas Magnus University Agriculture Academy, Institute of Agricultural and Food Sciences Studentų 11, Akademija, Kaunas distr., Lithuania, ²Laboratory of Quality of Raw Materials, Open access Joint Research Centre of Agriculture and Forestry, Vytautas Magnus University Agriculture Academy, Lithuania</p>
4.	<p align="center">Influence Of Environmental Properties On Solar Cell Efficiency</p> <p align="center"><u>Renata Chadyšienė</u>, Ieva Jakutytė, Viktoras Chadyšas</p> <p>Vilnius Gediminas Technical University, Saulėtekio al. 11, LT-10223 Vilnius, Lithuania</p>
5.	<p align="center">Influence Of The Symbiotic Bacteria <i>Paenibacillus</i> Sp. On The European Larch (<i>Larix Decidua</i> Mill.) Buds Vitality <i>In Vitro</i></p> <p align="center"><u>Evelina Kolojanskaitė</u>¹, Jonas Žiauka²</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Kaunas</p>
6.	<p align="center">Inhabitants Of Hollow Veteran Trees</p> <p align="center"><u>Sigitas Algis Davenis</u>, Jolanta Rimšaitė, Povilas Ivinskis</p> <p>Nature Research Center, Akademijos str. 2, LT- 08412 Vilnius, Lithuania</p>
7.	<p align="center">Investigation Of Babesia Microti In Small Rodents In Europe</p> <p align="center"><u>Dalytė Mardosaitė-Busaitienė</u>¹, Jana Radzijeuskaja¹, Paulė Drigotaitė¹, Linas Balčiauskas², Algimantas Paulauskas¹</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT- 44404 Kaunas, Lithuania,</p>

	² Laboratory of Mammalian Ecology, Nature Research Centre, Akademijos st. 2, LT-08412 Vilnius, Lithuania
8.	<p>Investigation Of <i>Bartonella</i> Species In Mites Collected From Small Rodents In Lithuania</p> <p><u>Evelina Kaminskienė</u>, Jana Radzijeuskaja, Ivona Skuder, Algimantas Paulauskas</p> <p>Faculty of Natural Sciences, Vytautas Magnus University, Lithuania</p>
9.	<p>Investigation Of Microclonal Propagation <i>In Vitro</i> <i>Solanum Lycopersicum</i></p> <p>Tetiana Kyrpa-Nesmiian, Mykhailo Mahdysiuk, Mykola Kuchuk</p> <p>Institute of Cell Biology and Genetic Engineering NAS of Ukraine, 148 Akademika Zabolotnoho St., 03143, Kyiv, Ukraine</p>
10.	<p>Investigation Of The Genetic Origin Of Monument- Tree The Witch Tree (<i>Picea Abies</i>) In Rambynas Regional Park</p> <p><u>Jurata Buchovska</u>¹ · Darius Danusevičius¹ · Rūta Kembrytė¹</p> <p>¹Vytautas Magnus university, Agricultural Academy, Studentų g. 11, LT-53361 Akademija, Kaunas, Lithuania</p>
11.	<p>Landfill Leachate Quantity And Attenuation Distance Of Inorganic Contaminants In The Groundwater Of Different Hydrogeological Systems: A Case Study Of Lithuania</p> <p><u>Gintarė Slavinskienė</u>¹, Arūnas Jurevičius¹, Jonas Satkūnas¹, Rasa Šimanauskienė¹</p> <p>¹Nature Research Centre, Akademijos Str. 2, LT-08412 Vilnius, Lithuania</p>
12.	<p>Leaf Structural-Functional Organization Of Vesselless Plants In The Temperate Rainforest Of South-Central Chile</p> <p><u>Alisa Arbicheva</u>¹, Anatoly Pautov², Alfredo Saldaña³</p> <p>¹Laboratory of Plant Anatomy and Morphology, Komarov Botanical Institute RAS, Prof. Popov Str., 2, St. Petersburg 197376, Russia, ²Department of Botany, St. Petersburg University, 7-9 Universitetskaya Emb., St. Petersburg 199034, Russia, ³Departamento de Botánica, Universidad de Concepción, Concepción, Chile</p>
13.	<p>Level Of Edcs In <i>Procambarus Virginalis</i> Organism At Developing Stages As Potential Hazard For Water Biota And Aquatic Culture Consumers</p> <p><u>Oleh Marenkov</u>¹, Tatyana Lykholat¹, Olena Lykholat², Oleksandr Petrovsky¹</p> <p>¹Oles Honchar Dnipro National University, Gagarin St., 72, Dnipro, Ukraine, ²University of Customs and Finance, Vernadsky St., 2/4, Dnipro, Ukraine</p>
14.	<p>Lipid Peroxidation In The Body Of Different Species Of Animals And Birds</p> <p>Nataliia Rol, Svitlana Tsekhmistrenko, Oksana Tsekhmistrenko, Vitalii Polishchuk, Svetlana Polishchuk, Nataliia Ponomarenko, Olexandra Seleznyova</p> <p>Department of Chemistry, Faculty of Biology and Technology, Bila Tserkva National Agrarian University, Bila Tserkva, Soborna Square 8/1, 09100, Kiev Region, Ukraine</p>

15.	<p align="center">Long Term Response Of <i>Tillia Cordata</i> And <i>Tillia TomENTOSA</i> Vegetation Period In Central Lithuania</p> <p align="center"><u>Asta Malakauskienė</u>¹, Antanina Stankevičienė¹, Adomas Vitas²</p> <p>¹ Kaunas Botanical Garden, Vytautas Magnus University, Z. E. Žilibero str. 6, LT-46324 Kaunas, Lithuania, ²Centre of Environmental Research, Faculty of Natural Sciences, Vytautas Magnus University, Ž.E. Žilibero 2, Kaunas, LT-46324, Lithuania</p>
16.	<p align="center">Long-Term Impact Of Reduced Intensity Tillage Systems, Straw And Green Manure Combinations On The Sustainability Of Agroecosystems</p> <p align="center"><u>Vaida Steponavičienė</u>, Vaclovas Bogužas, Aušra Sinkevičienė, Lina Skinulienė</p> <p><i>Vytautas Magnus University Agriculture Academy, Studentų str. 11, LT-53361 Akademija, Kauno r.</i></p>
17.	<p align="center">Memory Impairment In Patients With Surgically Removed Pituitary Adenoma</p> <p align="center"><u>Kamilė Galdikienė</u>¹, Aistė Pranckevičienė², Liuda Šinkariova¹, Robertas Knispelis³</p> <p>¹ Vytautas Magnus University, Department of Psychology, Jonavos str. 66, Kaunas, Lithuania, ² Lithuanian University of Health Sciences, Neuroscience Institute, Laboratory of Behavioral Medicine, Eivenių g. 4, Kaunas, Lithuania, ³Hospital of Lithuanian University of Health Sciences, Kauno klinikos, Department of Endocrinology, Eivenių str. 2, Kaunas, Lithuania</p>
18.	<p align="center">Micromycetes As Producers Of Human Plasma Proteins Activators</p> <p align="center">Aleksandra Ochneva¹, <u>Anastasia Orekhova</u>^{1,2}, Svetlana Timorshina¹, Elena Kornienko¹, Alexander Osmolovskiy¹</p> <p>¹Department of Biology, Moscow State University, Moscow, 119234 Russia, ²Department of pharmacology, Sapienza University of Rome, Rome, 00185 Italy</p>
19.	<p align="center">Morphological Characteristics Of Nematode's Epicuticles</p> <p align="center"><u>Farida Akhatova</u>, Gölnur Fakhrullina, Läysän Nigamatzyanova, Ekaterina Naumenko, Rawil Fakhrullin</p> <p><i>Institute of Fundamental Medicine and Biology, Kazan Federal University, Kreml uramı 18, Kazan 420008, Republic of Tatarstan, Russian Federation</i></p>
20.	<p align="center">Morphological Characteristics Of <i>Viviparus Viviparus</i> (Gastropoda: Viviparidae) In The Rivers Of The Northern Pryazovia</p> <p align="center"><u>Katerina Khomenko</u>, Olena Degtyarenko</p> <p><i>National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine</i></p>
21.	<p align="center">Species Composition And Distribution Of Representatives Of The Family Gobiidae In The Freshwater Reservoirs Of The Forest-Steppe Zone Of Ukraine</p> <p align="center"><u>Volodymyr Koretsky</u>, Kostiantyn Vozniuk, Ivan Mytaii</p> <p><i>National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine</i></p>

22.	<p align="center">Multilocus Sequence Analysis Of <i>Bartonella</i> Strains Isolated From Small Rodents</p> <p align="center">Paulina Amšiejūtė¹, Dalytė Mardosaitė-Busaitienė¹, Jana Radzijeuskaja¹, Linas Balčiauskas², Maksimas Bratchikov^{1,3}, Algimantas Paulauskas¹</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT- 44404 Kaunas, Lithuania, ²Laboratory of Mammalian Ecology, Nature Research Centre, Akademijos st. 2, LT-08412 Vilnius, Lithuania, ³Department of Physiology, Biochemistry, Microbiology and Laboratory Medicine, Institute of Biomedical Sciences, Faculty of Medicine, Vilnius University, M.K. Čiurlionio g. 21/27, LT-03101 Vilnius, Lithuania</p>
23.	<p align="center">Native Fish Species As A Test - Objects For The Investigation Of The Hydroecosystem Existent State</p> <p align="center">Prysiashniuk N. , Slobodeniuk O.</p> <p><i>Bila Tserkva National Agrarian University, pl. Soborna 8/1 Bila Tserkva 09117 Ukraine</i></p>
24.	<p align="center">Native Predator-Invasive Prey Interaction: Can Invasive Snail <i>Potamopyrgus Antipodarum</i> Escape Native Benthivorous Fish <i>Tinca Tinca</i>?</p> <p align="center"><u>Butkus Rokas</u></p> <p><i>Klaipėda university, Marine research institute, Universiteto ave. 17, LT-92294 Klaipėda, Lithuania</i></p>
25.	<p align="center">New Macromolecular Complexes Of Invadopodia Scaffold Protein Tks And Itsn</p> <p align="center"><u>Sergii Kropyvko</u>, Tetyana Gryaznova, Valentyna Kryklyva, Yaroslav Nemesh, Denys Kozakov, Olga Gubar, Mariia Burdyniuk, Alla Rynditch</p> <p><i>Institute of Molecular Biology and Genetics NAS of Ukraine, 150 Zabolotnogo Street, Kyiv 03680, Ukraine</i></p>
26.	<p align="center">Nonrandom Characteristics Of Structural Chromosome Rearrangement Appearance In Lymphoid Cell Lines Of Monkeys</p> <p align="center">Daredgan Araviashvili</p> <p><i>Research Institute of Medical Primatology, Russia, Sochi, st. Mira, 177</i></p>
27.	<p align="center">Of Biofuel Ash And Compost Mixtures Influence On Soil In Field And Pot Experiments</p> <p align="center"><u>Kristina Bunevičienė</u>, Romas Mažeika</p> <p><i>Lithuanian Research Centre for Agriculture and Forestry, Institute of Agriculture, Lithuania</i></p>
28.	<p align="center">On The Peculiarities Of Vitamin E Influence On The Quality Of Geese Meat</p> <p align="center">Danchenko M.¹, Ruban G.², Klimashevsky V.³, Danchenko O.¹, Konovalenko T.², Dyuzhikova T.², Zhukova V.¹, Sukharenko O.¹, Kolyadenko V.¹, Gaponenko T.²</p> <p>¹Tavriya State Agrotechnological University, Melitopol, ²Melitopol State Pedagogical University ³Palladin Institute of Biochemistry, Kyiv, Ukraine</p>

29.	<p align="center">Opn And Ykl-40 Expression In Astrocytoma Patient's Tumour And Blood Serum Specimens</p> <p align="center"><u>Rūta Urbanavičiūtė</u>¹, Živilė Švėgždaite¹, Daina Skiriūtė¹</p> <p>¹Laboratory of Molecular Neurooncology, Neuroscience Institute, Medical Academy, Lithuanian University of Health Sciences, Eivenių g. 2, Kaunas LT-50161, Lithuania</p>
30.	<p align="center">Optimization Of The Rooting Process In Cuttings Of Actinidia Plants Using Triazole Compounds</p> <p align="center"><u>Yury Lykholat</u>¹, Nina Khromykh¹, Anna Alexeyeva¹, Tetyana Lykholat¹, Vadym Davydov¹, Anatoly Kabar¹</p> <p>¹Oles Honchar Dnipro National University, Gagarin Ave., 72, Dnipro, Ukraine, 49010</p>
31.	<p align="center">Osmotolerance Of <i>Dunaliella Salina</i> Teod. Microalgae As A Factor In Enhancing Their Stability To Freezing</p> <p align="center"><u>Krystyna Vozovyk</u>, Nataliya Kadnikova, Nadiia Chernobai, Leonid Rozanov</p> <p>Institute for Problems of Cryobiology and Cryomedicine, National Academy of Sciences of Ukraine, 23, Pereyaslavskaya str., Kharkov, Ukraine 61015</p>
32.	<p align="center">Osteological Analysis Of Baculum In Representatives Of Canidae Population From Lithuania</p> <p align="center">Eugenijus Jurgelėnas¹, Linas Daugnora²</p> <p>¹Department of Anatomy and Physiology, Veterinary Academy, Lithuanian University of Health Sciences, Tilzes 18, Kaunas, Lithuania, ²Institute of Baltic Region History and Archaeology, Klaipėda University, Herkaus Manto 84, Klaipėda, Lithuania</p>
33.	<p align="center">PAH DESTRUCTION IN IRON DEFICIENT CONDITIONS BY PSEUDOMONAS PUTIDA STRAIN BS3701</p> <p align="center"><u>Skulkina K.</u>¹, Petrikov K.², Pozdnyakova-Filatova I.², Zakharova M.²</p> <p>¹Faculty of Biotechnology, Lomonosov Moscow State University, Moscow, Russia, ²G.K. Skryabin Institute of Biochemistry and Physiology of Microorganisms of the Russian Academy of Sciences, Pushchino, Russia</p>
34.	<p align="center">Peculiarities Of Distribution Of <i>Colletopterum Piscinale</i> (Nilson, 1822) (Mollusca: Bivalvia) In The Rivers Of The Northern Pryazovia Region</p> <p align="center"><u>Mariana Havryliuk</u>, Olena Degtyarenko</p> <p>National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine</p>
35.	<p align="center">Pedot:Pss Matrix For Biofuel Cell Based On The Membrane Fraction Of The <i>Gluconobacter Oxydans</i></p> <p align="center"><u>Sergey Alferov</u>, Nataliya Klimenova</p> <p>Tula State University, Russia, Tula, Lenina prosp., 92.</p>

36.	<p align="center">Phenolic Compounds And Antibacterial Activity Of <i>Viburnum Opulus</i> Fruit Juices And Extracts</p> <p align="center">Laima Česonienė¹, Remigijus Daubaras¹, Antanas Šarkinas², Pranas Viškelis³</p> <p>¹Botanical Garden of Vytautas Magnus University, Žiliberio 6, Kaunas, LT-46324, Lithuania; ²Food Institute of Kaunas University of Technology, Radvilėnų 19, Kaunas, LT – 44239, Lithuania; ³Lithuanian Research Centre for Agriculture and Forestry, Institute of Horticulture, Kauno 30, Babtai, LT-54333, Kaunas distr., Lithuania</p>
37.	<p align="center"><i>Pinus Sylvestris</i> L. Var. <i>Cretacea</i> Kalen. In The ”Kreidova Flora” Branch Of Ukrainian Steppe Nature Reserve: Current State And Conservation Measures</p> <p align="center"><u>Yuliia Spinova</u>, Tetiana Kuchma, Iryna Vyshenska</p> <p>National University of Kyiv-Mohyla Academy, 2 Skovorody Str., Kyiv, Ukraine</p>
38.	<p align="center">Population Genetic Structure Of Wild Boar In African Swine Fever Infected Area Of Lithuania During 2014-2017</p> <p align="center"><u>Zygmantas Janeliunas</u>¹, Vaclovas Jurgelevicius^{1,2}, Algimantas Paulauskas¹</p> <p>¹Vytautas Magnus University, ²National Food and Veterinary Risk Assessment Institute</p>
39.	<p align="center">Population Genetics Of Acipenseridae In Siberian Rivers</p> <p align="center"><u>Maria Pobedintseva</u>¹, Alexey Makunin¹, Ilya Kichigin¹, Natalia Serdyukova¹, Elena Interesova^{2,3}, Vladimir Zadelenov⁴, Andrey Yurchenko⁵, Dmitry Shcherbakov⁶, Alexander Grafodatskiy¹, Vladimir Trifonov¹</p> <p>¹Institute of Molecular and Cellular Biology SB RAS, Novosibirsk, Russia; ²Novosibirsk branch of State Scientific-and-Production Centre of Fisheries (GOSRYBCENTER), Novosibirsk, Russia; ³Tomsk State University, Tomsk, Russia; ⁴Scientific Research Institute of Ecology of Fishery Reservoirs, Krasnoyarsk; ⁵Theodosius Dobzhansky Center for Genome Bioinformatics, St. Petersburg State University, St. Petersburg, Russia; ⁶Limnological Institute SB RAS, Irkutsk, Russia</p>
40.	<p align="center">Population Structure Of Protected Isoetid <i>Lobelia Dortmanna</i> L. In One Softwater Lake</p> <p align="center"><u>Sabina Pavliukovič</u>¹, Jurgita Butkuvienė¹, Donatas Naugžemys²</p> <p>¹Vilnius University, Life Sciences Center, Saulėtekio av. 7, LT-10222, Vilnius, Lithuania, ²Vilnius University, Botanical Garden of Vilnius University, Kairėnų Str. 43, Vilnius, Lithuania</p>
41.	<p align="center">Possible Factors Of The Bystander Mechanism Of Action Of The Fetal Brain Neurogenic Progenitor Cells</p> <p align="center"><u>L.D. Liubich</u>¹, T.D. Skaterna²</p> <p>¹SI «Romodanov Neurosurgery Institute, National Academy of Medical Sciences of Ukraine”, 32 Platona Mayborody st., Kyiv, Ukraine, 04050, ²Palladin Institute of Biochemistry, National Academy of Sciences of Ukraine, 9 Leontovycha st., Kyiv, Ukraine, 01030</p>
42.	<p align="center">Preliminary Data Of Genetic Monitoring Of The Natural Population Of European Smelt In The Southeastward Of Latvia, Ilzes-Geranimovas Lake, Based On Microsatellite Analysis.</p>

	<p><u>Arina Evarte</u>¹, Baiba Krivmane, Natalja Škute</p> <p><i>Daugavpils University, Institute of Life science and technology, Parādes street 1A, Daugavpils, Latvia</i></p>
43.	<p>Preliminary Study On Freshwater Leeches In Lithuania</p> <p>J. Rutkauskaitė-Sucilienė¹, I. Šatkauskienė¹</p> <p>¹VYTAUTAS MAGNUS UNIVERSITY, FACULTY OF NATURAL SCIENCES, LITHUANIA</p>
44.	<p>Pre-Sowing Norway Spruce Seed Treatment With Cold Plasma And Electromagnetic Field Induces Long-Term Effects In Plants And Affected Plant Response To Environmental Stress</p> <p><u>Zita Naučienė</u>¹, Asta Malakauskienė², Dominykas Tirva¹, Rasa Žūkienė¹, Giedrė Paužaitė^{1,2}, Vida Mildažienė¹, Laima Degutytė-Fomins, Anatolii Ivankov¹, Filatova Irina³, Veronika Lyushkevich³, Alfas Pliūra⁴</p> <p>¹Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania, ²Kaunas Botanical Garden, Vytautas Magnus University, Kaunas, Lithuania, ³B. I. Stepanov Institute of Physics, National Academy of Sciences of Belarus, Minsk, Belarus, ⁴Institute of Forestry, Lithuanian Research Center for Agriculture and Forestry, Girionys, Lithuania</p>
45.	<p>Prevalence Of Mycoplasma Spp. And Bartonella Spp. Pathogens In Shelter And Pet Cats In Lithuania</p> <p><u>Miglė Razgūnaitė</u>¹, Jana Radzijeuskaja¹, Vytautas Sabūnas^{1,3}, Birutė Karvelienė², Algimantas Paulauskas¹</p> <p>¹Department of Biology, Vytautas Magnus University, Kaunas, Lithuania, ²Department of Infectious Diseases, Veterinary Academy, Lithuanian University of Health Sciences, Kaunas, Lithuania, ³Linus Veterinary Clinic, Debrečno str. 5, LT-94175 Klaipėda, Lithuania</p>
46.	<p>Prevalence Of Zoonotic Mosquito-Borne And Tick-Borne Pathogens In Domestic Dogs From Lithuania</p> <p><u>Dovilė Tamoliūnaitė</u>¹, Jana Radzijeuskaja¹, Vytautas Sabūnas^{1,2}, Algimantas Paulauskas¹</p> <p>¹Department of Biology, Vytautas Magnus University, Kaunas, Lithuania, ²Linus Veterinary Clinic, Debrečno str. 5, LT-94175 Klaipėda, Lithuania</p>
47.	<p>Propagation Of Stress-Induced Premature Senescence In Culture Of Human Endometrial Stem Cells: Paracrine Effect Of Igf-Binding Protein 3</p> <p><u>Mikhail Vitte</u>¹, Irina Vassilieva¹, Vera Kosheverova¹, Rimma Kamentseva¹, Alla Shatrova¹, Nataliya Tsupkina¹, Elena Burova¹</p> <p>¹Department of Intracellular Signaling and Transport, Institute of Cytology, St. Petersburg., Russian Federation</p>
48.	<p>Regulation Of The P53 Tumor Suppressor By The Transcription Factor Zeb1 In The Process Of Epithelial-Mesenchymal Transition.</p> <p><u>Sergey Parfenyev</u>¹, Nikolai Barlev¹</p> <p>¹Institute of Cytology RAS, St Peterburg, Russia</p>
49.	<p>Relations Between Hydrological Conditions And Raised Bog Surface Fluctuations: Case Study Of Čepkeliai Peatland, Lithuania</p>

	<p><u>Rita Linkevičienė</u>, Rasa Šimanauskienė, Julius Taminskas, Gintautas Kibirsktis</p> <p><i>Nature Research Centre Akademijos Str. 2, LT-08412 Vilnius, Lithuania</i></p>
50.	<p>Analysis Of Raised Bog Humidity Conditions Using Modis Ndvi</p> <p><u>Rasa Šimanauskienė</u>¹, Rita Linkevičienė¹, Maciej Bartold², Katarzyna Dąbrowska-Zielińska², Julius Taminskas³</p> <p>¹<i>Institute of Geosciences, Vilnius university, Čiurlionio str. 21, Vilnius, 03101, Lithuania,</i> ²<i>Institute of Geodesy and Cartography, Modzelewskiego 27, 02-679 Warsaw, Poland,</i> ³<i>Nature Research Centre, Akademijos str. 2, LT-08412 Vilnius, Lithuania.</i></p>
51.	<p>Relationship Between Genetic Structure And Habitat Type In Populations Of <i>Erigeron Annuus</i></p> <p>Donatas Žvingila¹, Virginija Tunaitienė², Jolanta Patamsytė¹, Donatas Naugžemys³, Violeta Kleizaitė¹</p> <p>¹<i>Institute of Biosciences, Life Sciences Center, University of Vilnius, Saulėtekio al. 7, Vilnius, Lithuania;</i> ²<i>Institute of Agriculture, Lithuanian Research Centre for Agriculture and Forestry, Instituto al. 1, Akademija, Lithuania,</i> ³<i>Botanical Garden of Vilnius University, Vilnius University, Kairėnų Str. 43, Vilnius, Lithuania</i></p>
52.	<p><i>Sarcocystis</i> Species Diversity In Muscles And Intestines Of Common Raven (<i>Corvus Corax</i>) And Hooded Crow (<i>Corvus Cornix</i>)</p> <p><u>Evelina Juozaitytė-Ngugu</u>, Dalius Butkauskas, Petras Prakas</p> <p><i>Institute of Ecology, Nature Research Centre, Akademijos St. 2, Vilnius, LT-08412, Lithuania</i></p>
53.	<p>Scattered Dose Effect To Relative Ros Generation In Media And Cells After X-Ray Irradiation</p> <p>Tadas Didvalis^{1,2}, Paulius Ruzgys¹, Saulius Šatkauskas¹, Diana Adlienė³, Saulius Mickevičius¹</p> <p>¹<i>Vytautas Magnus University, K. Donelaičio 58, LT-44248, Kaunas, Lithuania,</i> ²<i>Hospital of Lithuanian University of Health Sciences, Eivenių 2, LT-50161, Kaunas, Lithuania,</i> ³<i>Kaunas University of Technology, K. Donelaičio 73, LT-44249, Kaunas, Lithuania</i></p>
54.	<p>Seasonal And Daily Activity Of Mammals In The Colony Of Cormorants</p> <p><u>Marius Jasiulionis</u>, Linas Balčiauskas</p> <p><i>Nature Research Centre, Akademijos 2, Vilnius, Lithuania</i></p>
55.	<p>Sediment Electro-Oxidation After Biodiesel Production</p> <p>Sofronkov A.N., Vasilyeva M.G., Rudkovskaya E.V.</p> <p><i>Odessa State Ecological University 15 Lvovskaya Str., 65016, Odessa, Ukraine</i></p>
56.	<p><i>Sema3a</i>, <i>Sema3c</i>, <i>Sema3f</i> And <i>Nrp1</i> Genes Expression Associations With Glioma Progression And Patient Survival</p> <p><u>Deimantė Kardonaitė</u>¹, Indrė Valiulytė¹, Arimantas Tamašauskas¹, Arūnas Kazlauskas¹</p> <p>¹<i>Neuroscience Institute, Lithuanian University of Health Sciences, Lithuania</i></p>

57.	<p style="text-align: center;">Set7/9 Methyltransferase Expression Level As A Potential Biomarker For Her2-Positive Breast Cancer</p> <p style="text-align: center;"><u>Alexandra Daks</u>¹, Victoria Mamontova¹, Olga Fedorova¹, Alexey Petukhov¹, Oleg Shuvalov¹, Nickolai Barlev¹</p> <p style="text-align: center;">¹<i>Institute of Cytology RAS, St Peterburg, Russia</i></p>
58.	<p style="text-align: center;">Snp And Indel Polymorphisms In The Nf-Kb Gene Promoter Sequence Of Belarusian Long-Livers</p> <p style="text-align: center;"><u>Elena Mikhalenko</u>¹, Konstantsia Yatsevich¹, Elena Kuzminova¹, Dmitry Galinovsky¹, Aleksander Baida², Raisa Mikhaliuk², Lubov Voronina², Aleksandr Kilchevsky¹</p> <p style="text-align: center;">¹<i>Institute of Genetics and Cytology, Minsk, Belarus,</i> ²<i>Belarussian Medical Academy of Postgraduate Education, Minsk, Belarus</i></p>
59.	<p style="text-align: center;">Soil Respirational Emissions In Agroecosystems Of Ecological Crops</p> <p style="text-align: center;">L. Baležentienė, O. Mikša</p> <p style="text-align: center;"><i>Agricultural Academy, Vytautas Magnus University, Studentų 11, Akademija, LT-53361 Kaunas, Lithuania</i></p>

3-May-2019 VMU Small hall (S. Daukanto g. 28, Kaunas)

Poster session 3 17:15-18:00

Nr.	
1.	<p align="center">Species Diversity Of Hydrobionts Communities In Steblevskiy Reservoir At The Ross River And Prospects For Aquaculture Development</p> <p align="center"><u>Vitalii Khomych</u></p> <p align="center"><i>State Agency of Fisheries of Ukraine, Sichovyx Strilciv Str. 45-a, Kyiv, Ukraine</i></p>
2.	<p align="center">Stability Of Amorphous State Of Plant Vitrification Solutions</p> <p align="center">Vozovyk Krystyna, Bobrova Olena, Shevchenko Nadiya, Prystalov Anton</p> <p align="center"><i>Institute for Problems of Cryobiology and Cryomedicine of the National Academy of Sciences of Ukraine, 23, Pereyaslavskaya str., Kharkov, Ukraine 61015</i></p>
3.	<p align="center">Staining Of Tremtode <i>Parafasciolopsis Fasciolaemorpha</i> (Fasciolidae) With Luminiscent Benzanthrone Am323</p> <p align="center"><u>Ligita Mežaraupe</u>¹, Sanita Kecko¹, Elena Kirilova², Inese Gavarāne², Muza Kirjušina¹, Ilze Rubeniņa¹</p> <p align="center">¹<i>Daugavpils University, Institute of Life Sciences and Technology, Department of Ecology, Latvia.</i> ²<i>Daugavpils University, Institute of Life Sciences and Technology, Department of Biotechnology, Latvia</i></p>
4.	<p align="center">Steam Approach To The Process Of Future Teachers Training In Natural Sciences</p> <p align="center"><u>Natallia Salahub</u>, Natallia Navumenka</p> <p align="center"><i>Belarusian State Pedagogical University named after Maxim Tank, Republic of Belarus</i></p>
5.	<p align="center">Succession Of Microbial Communities In Renaturalized Light Soils Of Eastern Lithuania</p> <p align="center"><u>Audrius Kačergius</u>, Eugenija Bakšienė, Liudmila Tripolskaja, Asta Jadzevičė</p> <p align="center"><i>Lithuanian Research Centre for Agriculture and Forestry, Vokė Branch, Žalioji Sq. 2, LT-02232 Vilnius, Lithuania</i></p>
6.	<p align="center">Surgical Model Of Spinal Cord Injury In Sd Rats</p> <p align="center"><u>Alexey Minakov</u>¹, Aleksandr Chernov¹, Dmitrii Asutin², Nikolay Konovalov², Georgy Telegin^{1*}</p> <p align="center">¹<i>Branch of Shemyakin and Ovchinnikov Institute of bioorganic chemistry Russian Academy of Sciences, Animal Breeding facility Pushchino, Russia,</i> ²<i>Federal State Autonomous Institution «N .N. Burdenko National Scientific and Practical Center for Neurosurgery» of the Ministry of Healthcare of the Russian Federation, Moscow, Russia.</i></p>
7.	<p align="center">Synthesis Of Graphene Oxide Coated With Silver Nanoparticles And Its Antibacterial Effects</p> <p align="center"><u>Kristijonas Lotiukas</u>¹, Lina Ragelienė</p> <p align="center">¹<i>Vytautas Magnus University, Department of Biochemistry, Vileikos 8, LT – 44404 Kaunas, Lithuania</i></p>

8.	<p align="center">Tendencies In Alteration Of Environmental State, Climate Change And Population Health Features In The Black Sea Region Since 1980</p> <p align="center"><u>Viktor Karamushka</u>¹, Svitlana Boychenko², Tatiana Kuchma³, Olena Zabarna¹, Karina Kapitanyuk¹</p> <p>¹National University of Kyiv-Mohyla Academy, Kyiv; ²S. I. Subbotin Institute of Geophysics of the NAS of Ukraine, Kyiv; ³Institute of Agroecology and Natural Management, Kyiv</p>
9.	<p align="center">Testing And Optimization Of Polymorphic Microsatellite Primers At Different Populations Of Canadian Waterweed <i>Elodea Canadensis</i> (Michx.) In Latvia.</p> <p align="center"><u>Aleksandrs Petjukevičs</u>¹, Arina Evarte¹, Natalja Škute¹.</p> <p>¹Daugavpils University, Institute of Life Sciences and Technology, Parades Str. 1A, Daugavpils, Latvia</p>
10.	<p align="center">Testing Methods For Labeling Loci Of <i>Lythrum Salicaria</i> For Aflp Analysis</p> <p align="center">E. Kupcinskiene¹, <u>D. Shakeneva</u>¹, M. Klimenko², B. Baimurzina², T. Gavrilova²</p> <p>¹Vytautas Magnus university, Lithuania, ²Pavlodar State Pedagogical university, Kazakhstan</p>
11.	<p align="center">Testing Methods For Marking Loci Of <i>Lythrum Salicaria</i> For Aflp Analysis</p> <p align="center"><u>D.Shakeneva</u>^{1,2}, E. Krokaitė¹, L. Jocienė¹, J. Siksnian³, N.Tarassovskay², E.Kupcinskiene¹,</p> <p>¹Vytautas Magnus university, Lithuania, ²Pavlodar State Pedagogical university, Kazakhstan, ³Lithuanian Research Centre for Agriculture and Forestry, Lithuania</p>
12.	<p align="center">Testing Of Biochemical Methods For Studies Of Energy Reserves Of The Freshwater Gammarids In Latvian Rivers</p> <p align="center">Marina Savicka¹, Aija Brakovska², <u>Jana Paidere</u>³</p> <p>^{1,2,3}Daugavpils University, Institute of Life Sciences and Technologies, Parādes str. 1A, Daugavpils, LV-5401, Latvia</p>
13.	<p align="center">The Changes Of Bioactive Compounds In Different Genotype Of Rosehip Seeds</p> <p align="center"><u>Brigita Medveckienė</u>¹, Jurgita Kulaitienė¹</p> <p>¹Institute of Agriculture and Food Sciences, Faculty of Agronomy, Vytautas Magnus University Agriculture Academy</p>
14.	<p align="center">The Effect Of Chlormequat-Chloride On The Productivity Of Faba Beans In The Forest-Steppe Of Ukraine</p> <p align="center">Olexandr Korniiichuk¹, Svitlana Kobak¹, Viktoriia Romaniuk², Larysa Dovhan²</p> <p>¹Institute of Feed Research and Agriculture of Podillia of NAAS, Ukraine, ²Vinnytsia National Agrarian University, Ukraine</p>
15.	<p align="center">The Effect Of Cu And CuO Nanoparticles Covered With Surfactant On The Viability Of <i>Escherichia Coli</i></p> <p align="center"><u>Evelina Merkelytė</u>¹, Lina Ragelienė²</p>

	<p>¹ Department of Biology, Vytautas Magnus University, LT-4440, ² Department of Biochemistry, Vytautas Magnus University, LT-4440</p>
16.	<p align="center">The Effect Of Cytokinins On Organogenesis And Steviol Glycosides Accumulation Of <i>Stevia Rebaudiana</i> Bertoni</p> <p align="center"><u>Neringa Juškevičiūtė</u>¹, Aušra Blinstrubienė¹, Natalija Burbulis¹, Rasa Žūkienė², Ramunė Masienė¹</p> <p>¹Institute of Biology and Plant Biotechnology of Faculty of Agronomy of Vytautas Magnus University, Studentų str. 11, LT-53361 Akademija, Kaunas distr., Lithuania, ²Department of Biochemistry of Vytautas Magnus University, Vileikos str. 8, 44404, Kaunas, Lithuania</p>
17.	<p align="center">The Effect Of Outliers And Length Of Records On Design Flood Magnitude</p> <p align="center">Antanas Dumbrasukas, Raimundas Baublys, Algis Kvaraciejus</p> <p>Vytautas Magnus University; Universiteto st. 10, Akademija</p>
18.	<p align="center">The Effect Of <i>Sucrose Synthase 1</i> Nonsense Mutation On Freezing Tolerance In <i>Triticum Aestivum</i> L.</p> <p align="center"><u>Gabija Vaitkevičiūtė</u>¹, Dr Rita Armonienė²</p> <p>¹Vytautas Magnus University, Faculty of Natural Sciences, Vileikos str. 8-212, LT-44404 Kauna ²Lithuanian Research Centre for Agriculture and Forestry, Institute of Agriculture, Instituto al. 1, Akademija., LT-58344 Kėdainiai</p>
19.	<p align="center">The Genetic Variability Of The Holstein Blood Parts Having Lithuanian Black-And-White Cattle Breed</p> <p align="center"><u>Romualdas Lapickis</u>¹, Loreta Gričiuvienė¹, Algimantas Paulauskas¹, Virgilijus Urbonavičius²</p> <p>¹Vytautas Magnus University, Faculty of Natural Sciences, Vileikos str. 8, Kaunas, Lithuania, ²Lithuanian black-and-white cattle breeders association, Trakėnų str. 14, Marijampolė, Lithuania</p>
20.	<p align="center">The Influence Of Liming With Different Liming Materials On Chemical Properties Of Soil</p> <p align="center"><u>Donata Drapanauskaite</u>¹, <u>Romas Mažeika</u>¹</p> <p>¹Agrochemical Research Laboratory, Lithuanian Research Centre for Agriculture and Forestry Savanorių pr. 287, Kaunas, Lithuania</p>
21.	<p align="center">The Influence Of Meteorological Factors On Growth And Vegetation Rhythms Of <i>Artemisia Pontica</i> L.</p> <p align="center"><u>Sandra Saunoriūtė</u>¹, Ona Ragažinskienė¹, Audrius Sigitas Maruška²</p> <p>¹Scientific sector of Medicinal and Aromatic Plants, Botanical Garden, Vytautas Magnus University, Ž.E. Žilibero str. 6, LT-46324 Kaunas, Lithuania, ²Instrumental Analysis Open Access Center, Faculty of Natural Sciences, Vytautas Magnus University, Vileikos str. 8, LT-44404 Kaunas, Lithuania</p>
22.	<p align="center">The Joint Effects Of Drought, Heat And Elevated CO₂ On Photosynthetic Performance Of Spring Oilseed Rape</p> <p align="center"><u>Austra Dikšaitytė</u>^{1,2}, Akvilė Viršilė¹, Irena Januškaitienė², Gintarė Juozapaitienė², Jūratė Žaltauskaitė²</p> <p>¹Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Kauno St. 30, LT-54333, Babtai, Kaunas distr., Lithuania,</p>

	² Department of Environmental Sciences, Faculty of Natural Sciences, Vytautas Magnus University, Vileikos St. 8, LT-44404 Kaunas, Lithuania
23.	<p align="center">Lipidome Changing Of The Soft Coral <i>Sinularia</i> sp. Under Experimental Thermal Stress</p> <p align="center"><u>Tatyana Sikorskaya</u>, Andrey Imbs, Ekaterina Ermolenko</p> <p align="center"><i>National Scientific Center of Marine Biology, Far Eastern Branch, Russian Academy of Sciences 17 Palchevskogo str., 690041 Vladivostok, Russian Federation</i></p>
24.	<p align="center">The Monitoring Of State Of Street Greeneries In Lithuania</p> <p align="center">Antanina Stankevičienė</p> <p align="center"><i>Botanical Garden of Vytautas magnus university, Ž. E. Žilibero str. 6, 46324 Kaunas, Lithuania</i></p>
25.	<p align="center">The Study Of Nuclear Dna Methylation Of Invasive Fish Species <i>Amus Sleeper</i></p> <p align="center"><u>Natalja Škute</u>, Mihails Pupiņš, Artūrs Kārklīņš</p> <p align="center"><i>Institute of Life Science and Technology, University of Daugavpils, Parades St. 1A, Daugavpils, Latvia</i></p>
26.	<p align="center">The Sun Artich (<i>Helianthus Tuberosus</i> L.) In The Conditions Of The Republic Of Tajikistan</p> <p align="center">Kurbonali Partoev¹</p> <p align="center">¹<i>Dr. of Agriculture, Professor, Head of crops genetics and breeding laboratory of the Institute botany, plant physiology and genetics of Academy of Science of the Republic of Tajikistan</i></p>
27.	<p align="center">Tick – Borne Encephalitis. Epidemiological Situation In Baltic Countries In 2003 – 2018</p> <p align="center">Marina Sidorenko¹, Jana Radzievskaja¹, Algimantas Paulauskas¹</p> <p align="center">¹<i>Vytautas Magnus University, Faculty of Natural Science Vileikos St. 8, Kaunas LT-44404, Lithuania</i></p>
28.	<p align="center">Total Phenols And Phenolic Acids Content Of <i>Mentha Piperita</i> And <i>Mentha Spicata</i></p> <p align="center"><u>Aloyzas Velička</u>¹, Živilė Tarasevičienė¹, Ewelina Hallmann², Marius Lasinskas¹</p> <p align="center">¹<i>Institute of Agricultural and Food Science, Vytautas Magnus University Agriculture Academy, Studentų str. 11, Akademija, Lithuania,</i> ²<i>Department of Functional Organic Food and Commodities, Faculty of Human Nutrition and Consumer Sciences, Warsaw University of Life Sciences, ul. Nowoursynowska 159 c, Warsaw, Poland</i></p>
29.	<p align="center">Tracing ¹⁴c Redistribution In Aquatic Environment Of The Nuclear Power Plant Cooling Pond</p> <p align="center"><u>Rūta Barisevičiūtė</u>¹, Evaldas Maceika¹, Žilvinas Ežerinskis¹, Justina Šapolaite¹, Laurynas Butkus¹, Andrius Garbaras¹, Vidmantas Remeikis¹</p> <p align="center">¹<i>State Research Institute Center for Physical Sciences and Technology, Savanorių ave. 231, LT-02300 Vilnius, Lithuania</i></p>
30.	<p align="center">Treatment Of <i>Arabidopsis Thaliana</i> Seeds With Cold Plasma Induces Changes In Seedling And Plant Development And Protein Expression</p>

	<p><u>Lauryna Ragauskaitė</u>^{1,2}, Dalia Gelvonauskienė¹, Perttu Haimi¹, Vida Mildaziienė², Danas Baniulis¹</p> <p>¹<i>Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry, Babtai, Kaunas reg., Lithuania,</i> ²<i>Faculty of Natural Sciences, Vytautas Magnus University, Kaunas, Lithuania</i></p>
31.	<p>Uv-B Radiation Effect On Chlorophyll A Fluorescence Parameters Of <i>Raphanus Sativus</i> Under Different Climates</p> <p>Irena Januškaitienė¹</p> <p>¹<i>Vytautas Magnus University, Vileikos 8, Kaunas, Lithuania</i></p>
32.	<p>Xcelligence Rtca Investigation Of T-Lymphocyte Motility</p> <p><u>Elena S. Melashchenko</u>¹, Valeria V. Shupletsova¹, Olga G. Khaziakhmatova¹, Vladimir V. Malashchenko¹, Egor O. Shunkin¹, Kristina A. Yurova¹, Larisa S. Litvinova¹, Igor A. Khlusov^{2,3}</p> <p>¹<i>Immanuel Kant Baltic Federal University, Laboratory of Immunology and Cell Biotechnology, Kaliningrad, 236041, Russia;</i> ²<i>Tomsk Polytechnic University, Research School of Chemistry & Applied Biomedical Sciences, Tomsk, 634050, Russia;</i> ³<i>Siberian State Medical University, Department of Morphology and General Pathology, Tomsk, 634050, Russia</i></p>
33.	<p>Reclamation of dusting surface of tailings of beneficiation plants</p> <p>Nariman Zhalgasuly, Aleksandr Vladimirovich Kogut, <u>Aliya Ainabekovna Ismailova</u>, Orazgul Ainabekovna Ismailova Aizhan Bakbergenkyzy Darmenkulova</p> <p><i>D.A. Kunaev. Institute of Mining, Republic of Kazakhstan</i></p>
34.	<p>Plant Life Assessment By The Morphological Parameters Of Stomata Leaves At The «Andreevskaya Valley»</p> <p><u>Roman Mamadzhanov</u>, Margarita Redina, Aleksandr Khaustov, Yulia Nigmatzyanova, Mykhadi Umarov</p> <p><i>MSW Landfill, In The Chechen Republic, Russia</i></p>
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37.	<p>The Advantages And Disadvantages Of Forest Education In Social Media in Poland</p> <p><u>Radosław Lewoń</u>, Joanna-Pietrzak-Zawadka</p> <p><i>Faculty of Forestry Poznań University of Life Sciences, Poland,</i></p>
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	<p style="text-align: center;"><u>Yurii Boiko</u>, Ivan Mytiai</p> <p style="text-align: center;"><i>National University of Life and Environmental Sciences of Ukraine, Ukraine</i></p>
39.	<p style="text-align: center;">The Dynamics Of Pediculosis Spreading In Vinnytsia And Vinnytsia Region In The Time Period Since 2013 To 2017 Among Children Up To Seventeen</p> <p style="text-align: center;"><u>Anastasiia Katsaran</u>, Valentyna Panko</p> <p style="text-align: center;"><i>¹VASYL' STUS NATIONAL DONETSK UNIVERSITY, FACULTY OF BIOLOGY, UKRAINE</i></p>
40.	<p style="text-align: center;">THE EFFECTS OF LIGHT INTENSITY ON ORGANIC ACIDS, IRON AND SULFUR METABOLISM IN VEGETABLES</p> <p style="text-align: center;"><u>LUKAS SIMANAVIČIUS</u>^{1,2} GIEDRĖ SAMUOLIENĖ^{1,3}</p> <p><i>¹Institute of Horticulture, Lithuanian Research Centre for Agriculture and Forestry. Kaunas str. 30, Babtai, LT-54333, Kaunas dist. Lithuania,</i> <i>²Vytautas Magnus University. K. Donelaičio str. 58, Kaunas LT-44248 Lithuania,</i> <i>³Vytautas Magnus University Agriculture Academy, Studentų str. 11, LT-53361 Akademija, Kauno dist. Lithuania</i></p>
41.	<p style="text-align: center;">THYMUS PULEGIOIDES CHEMOTYPES IN LITHUANIA: DISTRIBUTION AND INFLUENCE OF EDAPHIC FACTORS</p> <p style="text-align: center;"><u>VAIDA VAIČIULYTĖ</u>¹, KRISTINA LOŽIENĖ¹ RIČARDAS TARAŠKEVIČIUS²</p> <p><i>¹Nature Research Centre, Institute of Botany, Žaliųjų Ežerų 47, Vilnius, LT-08406, Lithuania,</i> <i>²Nature Research Centre, Institute of Geology and Geography, Akademijos 2, Vilnius, LT-08412, Lithuania</i></p>
42.	<p style="text-align: center;">Thermodynamic Prognosis For Optimization Of Biotechnologies Of Biohydrogen Obtaining And Toxic Metals Removal Via Fermentation Of Multi Component Organic Waste</p> <p style="text-align: center;"><u>Vira Hovorukha</u>, Oleksandr Tashyrev</p> <p><i>Zabolotny Institute of Microbiology and Virology of the National Academy of Sciences of Ukraine, 03143, 154 Zabolotny str., Kyiv, Ukraine</i></p>
43.	<p style="text-align: center;">The Parallels And Co-Influence Of Historic Changes Of Hydrographic Network And Urban Structure In Vilnius Old City</p> <p style="text-align: center;">Aldona Baubiniene¹, Regina Morkunaite¹, Giedrė Godiene², Gediminas Vaitkevicius³, Rimas Petrosius¹</p> <p><i>¹Nature Research Center, Akademijos 2, 08412 Vilnius,</i> <i>²Vilnius University Faculty of Chemistry and Geosciences, 03104 Čiurlionio 21/27,</i> <i>³Lithuanian Institute of History, Kražių g. 5, 01108 Vilnius</i></p>
44.	<p style="text-align: center;">Interleukin-6, Calprotectin And 14-3-3-Eta Protein As Potential Biomarkers For Chronic Nonbacterial Osteomyelitis Diagnosis</p> <p style="text-align: center;">Daria Kozlova¹, <u>Olga Karlina</u>^{1,2}, Dmitry Vasilev¹, Lubov Sorokina³, Maria Makhova³, Mikhail Kostik³</p> <p><i>¹LLC “Scientific and Production Company “ABRIS+”, Saint Petersburg, Russia,</i> <i>²Saint Petersburg State Institute of Technology, Russia,</i> <i>³Saint Petersburg State Pediatric Medical University, Russia</i></p>

45.	<p align="center">Manifestation Of Ovoid's Form In Nature And Human Life</p> <p align="center"><u>Ivan Mytiai¹, Volodymyr Strygunov²</u></p> <p>¹ National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine, ² Kryvyi Rih State Teacher's University, Kryvyi Rih, Ukraine</p>
46.	<p align="center">Plant Life Assessment By The Morphological Parameters Of Stomata Leaves At The „Andreevskaya Valley“ Msw Landfill, In The Chechen Republic, Russia</p> <p align="center"><u>Roman Mamadzhanov¹, Margarita Redina¹, Aleksandr Khaustov¹, Yulia Nigmatzyanova¹, Mykhadi Umarov²</u></p> <p>¹ Peoples Friendship University of Russia, Moscow, Russia, 115093, Podolskoye highway, 8-5, ² Complex Institute Named After Kh. I. Ibragimov of the Russian Academy of Sciences, Grozny, Chechen Republic, Russia, 364051, Staropromyslovskoe highway, 21a.</p>
47.	<p align="center">Population Characteristics Of <i>Lymnaea stagnalis</i> (Gastropoda: Lymnaeidae) In Reservoirs Of The South Of Ukraine</p> <p align="center"><u>Yuliia Plishch, Olena Degtyarenko</u></p> <p>National University of Life and Environmental Sciences of Ukraine, General Rodimcev Str. 19, Kyiv, Ukraine</p>
48.	<p align="center">Reclamation Of Dusting Surface Of Tailings Of Beneficiation Plants</p> <p align="center">Nariman Zhalgasuly, Aleksandr Vladimirovich Kogut, Aliya Ainabekovna Ismailova, Orazgul Ainabekovna Ismailova Aizhan Bakbergenkyzy Darmenkulova</p> <p>D.A. Kunaev. Institute of Mining, Republic of Kazakhstan, Almaty</p>
49.	<p align="center">The effect of salicylic acid on photosynthetic resistance of <i>Ocimum basilicum</i> and <i>Thymus vulgaris</i> to drought stress under elevated climate conditions</p> <p align="center"><u>Irena Januškaitienė¹, Austra Dikšaitytė¹, Giedrė Kacienė¹</u></p> <p>¹ Vytautas Magnus University, Vileikos 8, Kaunas, Lithuania</p>
50.	<p align="center">Morphology of <i>Echinocystis lobata</i> grown in the garden</p> <p align="center"><u>Judita Musteikytė, Edvina Krokaitė, Lina Jocienė, Tomas Rekašius, Eugenija Kupčinskienė</u></p>
51.	<p align="center">Fractional composition of blood proteins and metabolism in ruminants</p> <p align="center"><u>Vitalii I. Oliynyk, Mykola O. Zakharenko</u></p> <p>National University of Life and Environmental Sciences of Ukraine, Kyiv</p>
52.	<p align="center">Environmental Urbosystem Diagnostics With Cytogenetic Methods Using</p> <p align="center"><u>Mukola Klymenko, Alla Pryshchepa, Olena Brezhytska, Liudmyla Stetsuk</u></p> <p>National University of Water and Environmental Engineering Ukraine, 33028, Rivne city, 11 Soborna St., NUWEE</p>
53.	<p align="center">Morphological Characteristics Of Vegetative Mycelium Of Some Rare Mushrooms <i>In Vitro</i></p> <p align="center"><u>Oksana B. Mykchaylova, Margarita L. Lomberg</u></p>

	<p><i>M.G. Kholodny Institute of Botany, National Academy of Sciences of Ukraine, 2, Tereschenkivska Str., Kiev 01004, Ukraine</i></p>
54.	<p>Polymorphism of Microsatellite DNA in Ukranian Paddlefish Populations</p> <p><u>Khrystyna Kurta, Olga Malysheva, Larysa Shynkarenko, Victoria Tsedyc, Vlad Spyrndonov</u></p> <p><i>Ukrainian Laboratory of Quality and Safety of Agricultural Products,</i></p>
55.	<p>Ecological Aspects Of Drugs Use</p> <p>A.A. Kotvitska, N.M. Kononenko, R.F. Yeromenko</p> <p><i>National University of Pharmacy, Kharkiv, Ukraine</i></p>
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57.	<p>Biological, archaeological, and geological analysis of the coastal and underwater material of the Baltic Sea during the Early Holocene.</p> <p>Vladas Žulkus¹, Algirdas Girininkas¹, Linas Daugnora¹, Miglė Stančikaitė¹, Jolita Petkuvienė¹, Jurata Buchovska², Tomas Rimkus¹</p> <p><i>¹Institute of Baltic Sea Region History and Archaeology, Klaipėda University, Herkaus Manto street 84 LT-92294, Klaipėda, Lithuania</i> <i>²Lithuanian Research Centre for Agriculture and Forestry, Institute of Forestry, Liepų street 1, Girionys, 53101 Kaunas district, Lithuania.</i></p>
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59.	<p>Ecological Impact Of Phytoinvasions In Ukraine</p> <p>V.V. Konishchuk^{1,2}, O.B. Khodyn³, I.V. Solomakha¹, S.I. Koval¹, N.M. Melnyk¹</p> <p><i>¹Institute of Agroecology and Environment Management, National Academy of Agrarian Sciences of Ukraine, Kyiv, Ukraine,</i> <i>²Public Council, Ministry of Ecology and Natural Resources of Ukraine,</i> <i>³Natural reserve «Medobory», Hrymailiv, Ternopiłska oblast, Ukraine</i></p>