



**INTERNATIONAL CONFERENCE „Smart
Bio“ 2017 may 18-20, KAUNAS
Program Schedule**

18-May-2017 VMU Small hall (S. Daukanto g. 28, Kaunas)

08:30-12:00 Registration

09:30-09:45 Opening Ceremony. Rector of Vytautas Magnus university speech.

09:45-10:00 Opening Ceremony. Dean of Nature science faculty of Vytautas Magnus university speech.

10:00-12:00 Session 1. Chairperson: Dr. G. Brazauskas and Dr. V. Tubelytė

10:00-10:20 Gintaras Brazauskas. Control Of Plant Adoptability: Genomic And Phenomic Tools.

10:20-10:40 Olga A. Avksentiieva, Viktoriya V. Shulik, Nataliya Yu. Taran. Research of Influence of Contrasting Trophic Conditions of Vernalization on the Allelic State of VRN Genes and the Development Rates of *Triticum aestivum* L.

10:40-11:00 Arnold Gegechkori . Patterns of Dwarfing of the European Yew (*Taxus baccata*) at the Subalpine Treeline Ecotone with Limestone Ground in the Greater Caucasus (Georgia, the Caucasus)

11:00-11:20 Natalija Atanasova-Pancevska and Dzoko Kungulovski. *In vitro* Potential of *Paenibacillus alvei* DZ-3 as Biocontrol Agent Against Several Phytopathogenic Fungi.

11:20-11:40 Lyudmyla Symochko, Ruslan Mariychuk, Olena Demyanyuk, Vitaliy Symochko. Antibiotics and Antibiotic Resistance of Soil Bacteria in Ecosystems.

11:40-12:00 REKLAMA (Labochema).

12:00-13:00 Lunch

13:00-14:00 Poster session 1

14:00-16:00 Session 2. Chairperson: Dr. V. Baublys and M. Kaya

14:00-14:20 Lalehan Akyuz, Murat Kaya Sedef Ilk, Yavuz Selim Cakmak, Asier M. Salaberria, Jalel Labidi, Bahar Akyuz, Idris Sargin. Effect Of Different Animal And Plant Oil Additives On Physicochemical, Mechanical, Antimicrobial And Antioxidant Properties Of Chitosan Films

14:20-14:40 J. Aleinikovienė, G. Juozapaitienė, V. Bogužas, R. Juknys. Long-term Tillage and Cropping System Related Soil Organic Carbon Pool Stabilization on Climate Change Retention.

14:40-15:00 D.K-K. Shakeneva. Microscopic Diagnostics Of Species (*Nepeta* Genus) Based On The Leaf Epidermis Structure.

15:00-15:20 Nadiia Matvieieva, Kateryna Drobot, Anatolij Shakhovsky, Andrij Ostapchuk, Yuriy Kudryavets. "Hairy" Root Cultures As A Source Of Biologically Active Substances

15:20-15:40 Murat Kaya, Preethi Ravikumar, Sedef Ilk, Muhammad Mujtaba, Lalehan Akyuz, Jalel Labidi, Asier M. Salaberria, Yavuz Selim CAKMAK, Seher Karaman Erkul. Production and characterization of chitosan based edible films from *Berberis crataegina*'s fruit extract and seed oil.

15:40-16:00 Alona Oberemko, Rita Saule, Gintautas Saulis, Murat Kaya, Vykintas Baublys. Cytotoxic Properties of Chitosan Solutions are Concentration-depended.

16:00-17:00 Poster session 2/ Coffee break.

19-May-2017 VMU multifunctional research and study center, 106 (Putvinskio 23, Kaunas)

09:00-10:00 Registration

10:00-12:20 Session 4 Chairman: Prof. J. R. Stonis and Prof. A. Paulauskas

10:00-10:20 Rugienius. Plant Cryopreservation: Results, Problems And Perspectives.

10:20-10:40 Andrius Remeikis, Jonas R. Stonis, Arūnas Diškus. Fauna And Trophic Relationships Of Leaf-Mining Nepticulidae (Insecta: Lepidoptera) Of Middle And South America.

10:40-11:00 Yaroslava Hasynets. Embryology Of Some Species Of *Rosaceae* From Eastern Carpathians.

11:00-11:20 Mantas Adomaitis, Grita Skujienė. Distribution and Spreading of Invasive Slugs *Arion lusitanicus* Mabille, 1868 (Mollusca, Pulmonata) in Lithuania.

11:20-11:40 Monika Toleikienė, dr. Žydrė Kadžiulienė, dr. Aušra Arlauskienė. Diversity of Biologically Valuable Fauna in Organic Plant-based Agriculture Farming.

11:40-12:00 Paulauskas

12:00-12:20 Karolis Gedvilas

12:20-13:00 Lunch

13:00-14:00 Poster session

14:00-14:20 Yusuf Yakar, Bekir Çakır and Ayhan Özmen. Energy States and Binding Energies of Hydrogenic Impurity

14:20-14:40 Vida Mildažienė. The Response of Perennial Plants to Seed Stress: Overview of Long-term Observations.

14:40-15:00 Fatih Duman, Ercan Karaköse and Hakan Çolak. Facile And Green Synthesis Of Paramagnetic $MnFe_2O_4$ Using *Spinacia Oleracea* Extract

15:00-15:20 Daiva Burokienė, Viktorija Bagušauskaitė, Giedrė Paužaitė, Asta Malakauskienė, Irina Filatova, Veronika Lyuskevich, Vida Mildažienė. Microbiota of Seeds and Seedlings' Rhizosphere of *Rhododendron smirnowii* Grown from Seeds Treated with Cold Plasma, Vacuum and Electromagnetic Field.

15:20-15:40 Tadas Didvalis, Saulius Mickevičius, Paulius Ruzgys. Assessing DNA Damage Induced By Ionising Radiation Using Comet Assay.

15:40-16:00 Grita Skujienė, Danas Augutis, Remigijus Karpuška, Alvydas Gintaras, Dalia Bastytė, Giedrius Vaivilavičius. Population Size and Structure of the Freshwater Mussel *Unio crassus* (Philipsson, 1788) in Lithuania and Implications for Conservation

16:00-16:15 Manu Pant, Manju P Gusain, Prabha Bisht. *In Vitro* Morphogenetic Studies On *Swertia Chirata* Buch. Ham Ex Wall.-An Endangered Medicinal Plant.

16:15-16:45 Closing remarks and best presentation awards